

Data File : VX000994.D

Acq On : 19 Apr 2018 17:38

Operator : JC/MD

Sample : VSTDIC005

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Apr 20 04:24:25 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 04:18:00 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319142	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207374	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	16050	5.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.64%	
35) Dibromofluoromethane	5.51	113	12214	5.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.92%	
50) Toluene-d8	8.72	98	47044	5.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.72%	
62) 4-Bromofluorobenzene	11.14	95	19679	5.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	11645	5.11	ug/l	99
3) Chloromethane	1.32	50	13034	5.56	ug/l	97
4) Vinyl Chloride	1.41	62	13405	5.87	ug/l	100
5) Bromomethane	1.64	94	9493	6.32	ug/l	97
6) Chloroethane	1.73	64	8388	5.23	ug/l	99
7) Trichlorofluoromethane	1.93	101	21304	6.17	ug/l	100
8) Diethyl Ether	2.19	74	8131	6.15	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	12737	6.17	ug/l	100
10) Methyl Iodide	2.52	142	5618	3.01	ug/l	98
11) Tert butyl alcohol	3.07	59	12613	32.13	ug/l	97
12) 1,1-Dichloroethene	2.38	96	11162	5.67	ug/l	94
13) Acrolein	2.30	56	4739	59.32	ug/l	100
14) Allyl chloride	2.73	41	20223	5.51	ug/l	98
15) Acrylonitrile	3.15	53	30875	29.75	ug/l	99
16) Acetone	2.45	43	29125	29.67	ug/l	100
17) Carbon Disulfide	2.57	76	30758	5.02	ug/l	99
18) Methyl Acetate	2.78	43	14740	5.80	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	39386	6.14	ug/l	99
20) Methylene Chloride	2.86	84	13683	5.94	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	12922	5.80	ug/l	96
22) Diisopropyl ether	3.88	45	39278	5.60	ug/l	93
23) Vinyl Acetate	3.83	43	168278	29.38	ug/l	98
24) 1,1-Dichloroethane	3.70	63	22654	5.99	ug/l	98
25) 2-Butanone	4.71	43	45115	29.86	ug/l	100
26) 2,2-Dichloropropane	4.59	77	18878	5.69	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	14297	5.93	ug/l	98
28) Bromochloromethane	5.03	49	8816	5.56	ug/l	99
29) Tetrahydrofuran	5.18	42	27842	28.91	ug/l	99
30) Chloroform	5.22	83	23633	6.06	ug/l	95
31) Cyclohexane	5.58	56	20804	6.07	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	20560	5.92	ug/l	99
36) 1,1-Dichloropropene	5.81	75	18683	6.14	ug/l	99
37) Ethyl Acetate	4.87	43	17812	6.28	ug/l	100
38) Carbon Tetrachloride	5.79	117	17787	5.62	ug/l	99

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Operator : JC/MD

Sample : VSTDIC005

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Apr 20 04:24:25 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 04:18:00 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	21567	5.93	ug/l	92
40) Benzene	6.15	78	52222	6.15	ug/l	98
41) Methacrylonitrile	5.06	41	10649	6.00	ug/l	98
42) 1,2-Dichloroethane	6.21	62	20503	6.22	ug/l	99
43) Isopropyl Acetate	6.47	43	28864	6.02	ug/l	99
44) Trichloroethene	7.22	130	16047	6.00	ug/l	95
45) 1,2-Dichloropropane	7.52	63	12079	5.48	ug/l	95
46) Dibromomethane	7.67	93	9044	5.95	ug/l	98
47) Bromodichloromethane	7.91	83	15750	5.59	ug/l	96
48) Methyl methacrylate	7.78	41	15695	5.83	ug/l	98
49) 1,4-Dioxane	7.76	88	4561	124.46	ug/l #	88
51) 4-Methyl-2-Pentanone	8.66	43	88971	30.62	ug/l	100
52) Toluene	8.79	92	34164	6.13	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	18599	5.50	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	16601	5.15	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	13091	6.04	ug/l	98
56) Ethyl methacrylate	9.19	69	18646	5.68	ug/l	97
57) 1,3-Dichloropropane	9.38	76	22233	6.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	46207	30.88	ug/l	100
59) 2-Hexanone	9.51	43	67986	30.51	ug/l	97
60) Dibromochloromethane	9.59	129	12636	5.29	ug/l	98
61) 1,2-Dibromoethane	9.68	107	13595	5.81	ug/l	98
64) Tetrachloroethene	9.34	164	16335	6.07	ug/l	97
65) Chlorobenzene	10.15	112	40017	6.01	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	12539	5.42	ug/l	98
67) Ethyl Benzene	10.26	91	66466	6.09	ug/l	99
68) m/p-Xylenes	10.37	106	52692	12.18	ug/l	99
69) o-Xylene	10.70	106	24721	5.87	ug/l	97
70) Styrene	10.72	104	40685	5.84	ug/l	99
71) Bromoform	10.86	173	8887	4.47	ug/l #	97
73) Isopropylbenzene	11.02	105	68412	6.00	ug/l	99
74) N-amyl acetate	6.47	43	28864	6.06	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	18695	5.81	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	21093	5.96	ug/l	86
77) Bromobenzene	11.26	156	19335	5.80	ug/l	97
78) n-propylbenzene	11.37	91	78791	5.98	ug/l	100
79) 2-Chlorotoluene	11.43	91	46602	5.97	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	57904	5.98	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	3844	4.27	ug/l #	80
82) 4-Chlorotoluene	11.52	91	55686	5.93	ug/l	99
83) tert-Butylbenzene	11.77	119	56711	5.70	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	59280	6.01	ug/l	97
85) sec-Butylbenzene	11.95	105	69386	5.81	ug/l	100
86) p-Isopropyltoluene	12.07	119	63344	5.75	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	37851	6.05	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	37709	5.92	ug/l	94
89) n-Butylbenzene	12.39	91	56974	5.73	ug/l	98
90) Hexachloroethane	12.60	117	7678	4.82	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	35885	5.94	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	3751	5.58	ug/l	94

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041918\
Quantitation Report (Not Reviewed)

Data File : VX000994.D
Acq On : 19 Apr 2018 17:38
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Apr 20 04:24:25 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 04:18:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	30014	5.62	ug/l	97
94) Hexachlorobutadiene	13.79	225	13511	5.69	ug/l	97
95) Naphthalene	13.84	128	72099	5.75	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	28961	5.81	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX000994.D

Acq On : 19 Apr 2018 17:38

Operator : JC/MD

Sample : VSTDICC005

Misc : 5.0mL/MSV0A_X/WATER

ALS Vial : 3 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

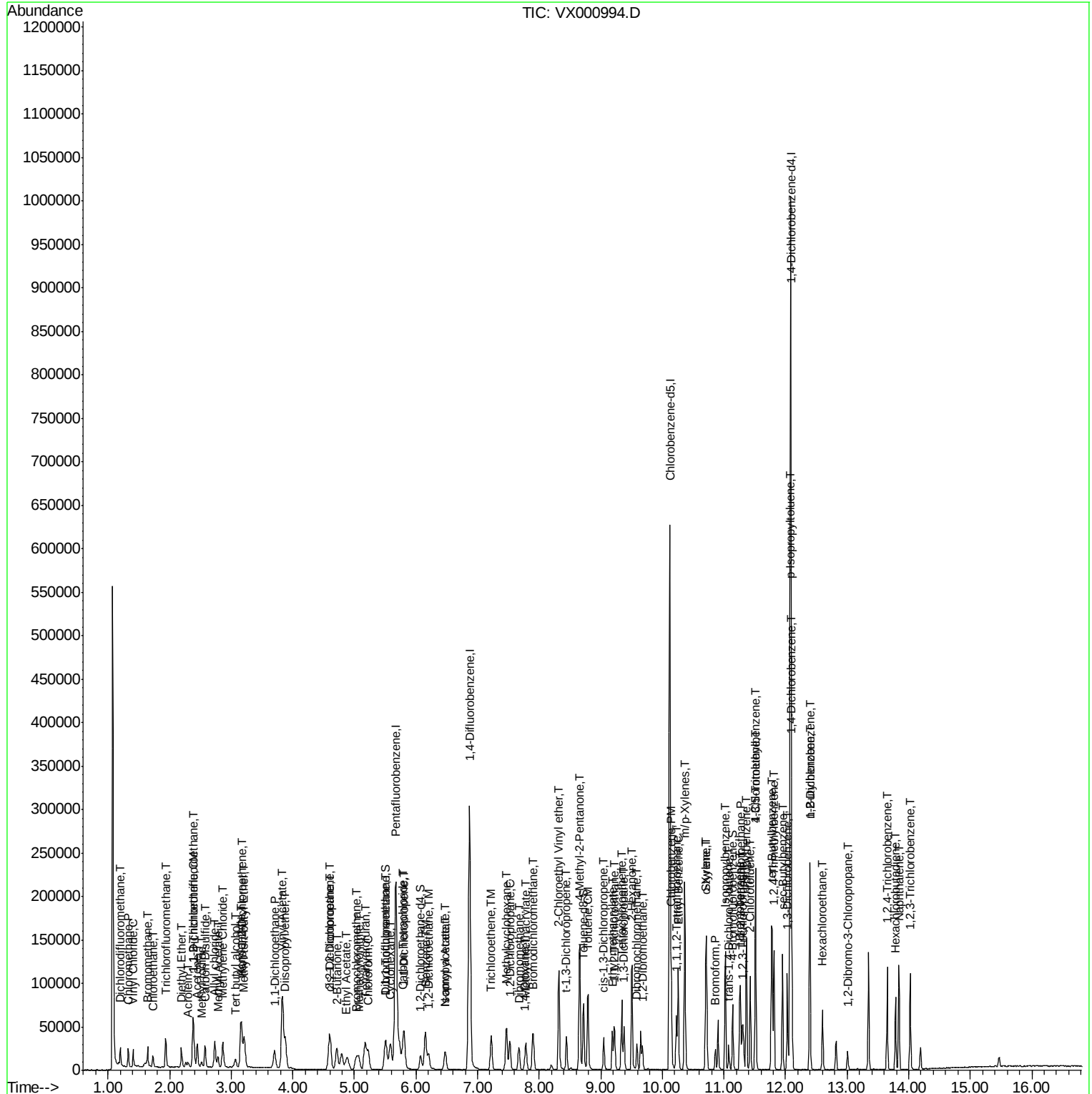
Quant Time: Apr 20 04:24:25 2018

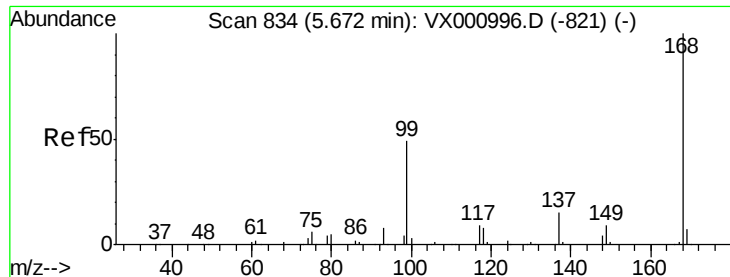
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 04:18:00 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

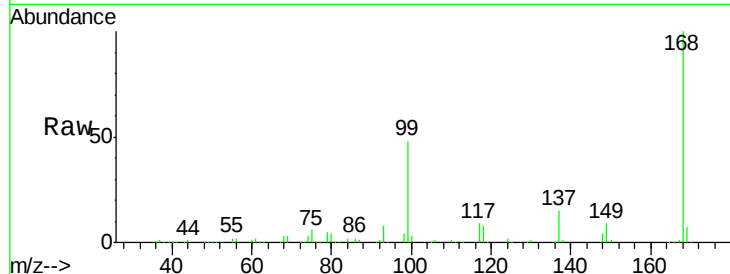
VSTDIC005

Tgt Ion:168 Resp: 238743

Ion Ratio Lower Upper

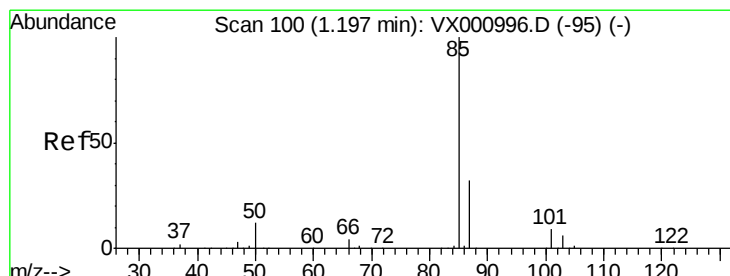
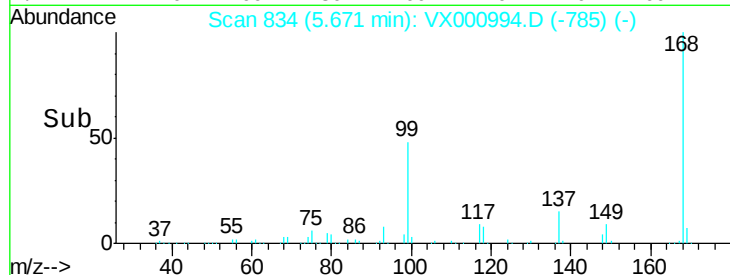
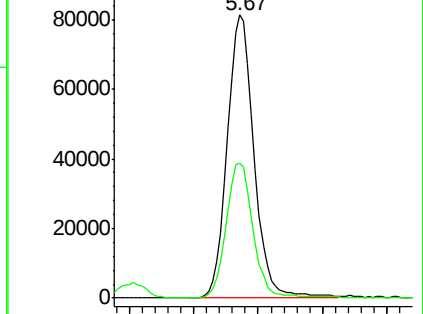
168 100

99 47.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 5.11 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000994.D

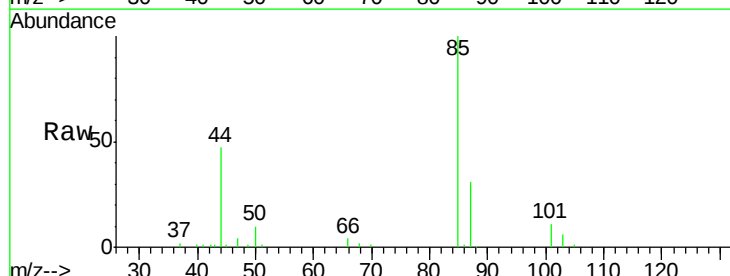
Acq: 19 Apr 2018 17:38

Tgt Ion: 85 Resp: 11645

Ion Ratio Lower Upper

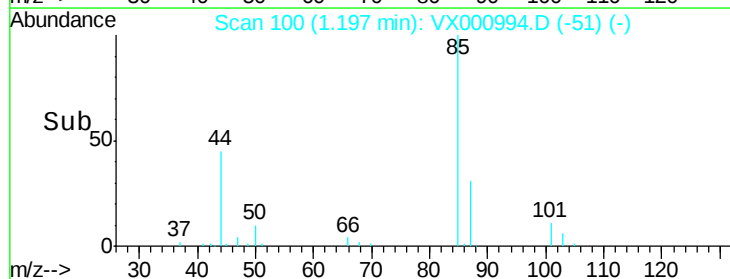
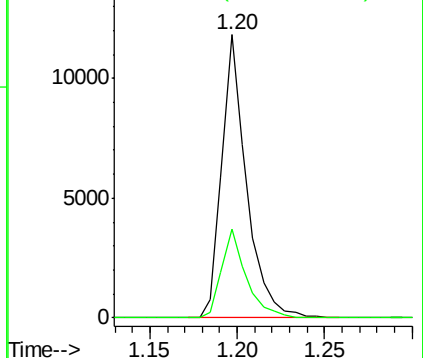
85 100

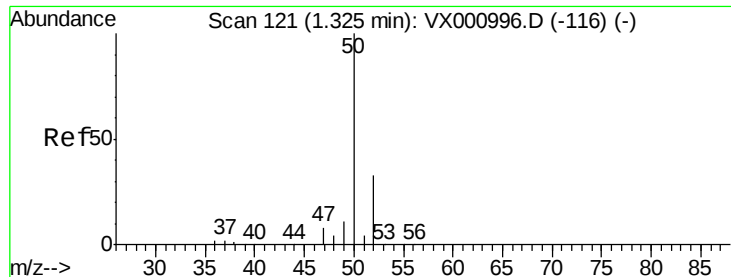
87 31.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 5.56 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

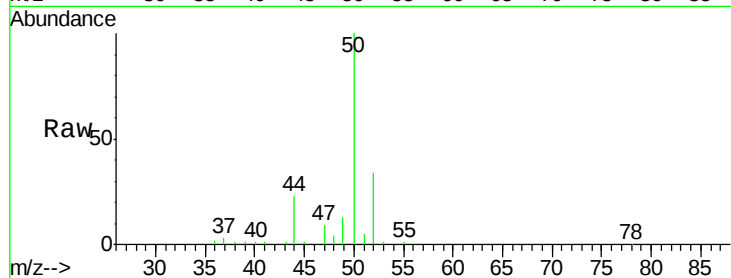
VSTDIC005

Tgt Ion: 50 Resp: 13034

Ion Ratio Lower Upper

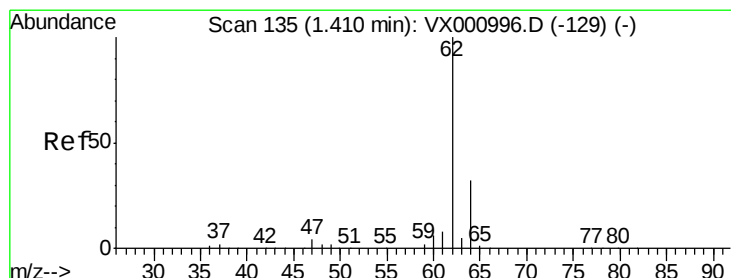
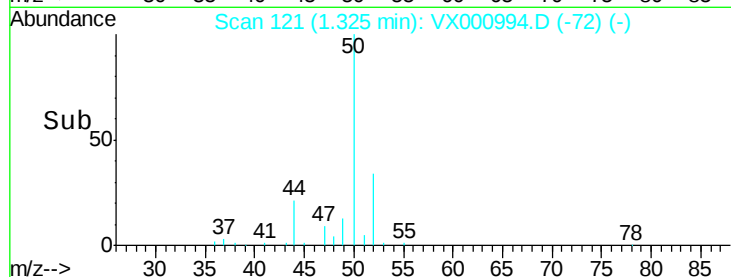
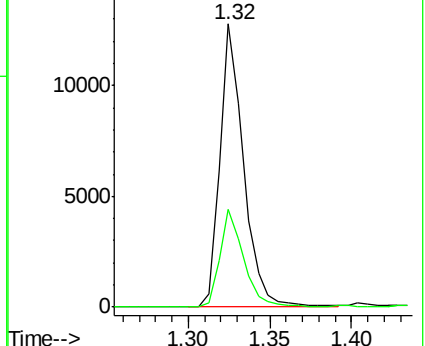
50 100

52 34.3 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.87 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000994.D

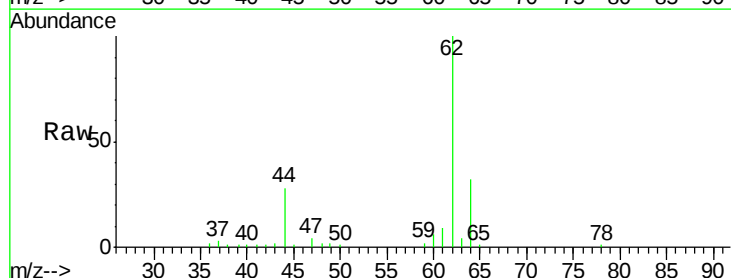
Acq: 19 Apr 2018 17:38

Tgt Ion: 62 Resp: 13405

Ion Ratio Lower Upper

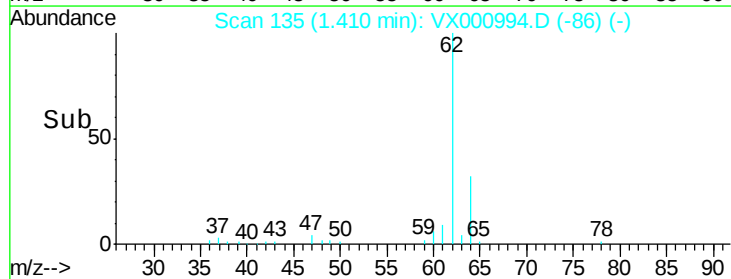
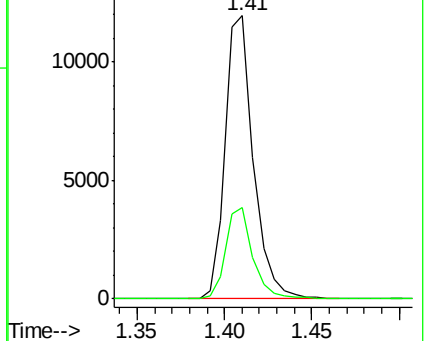
62 100

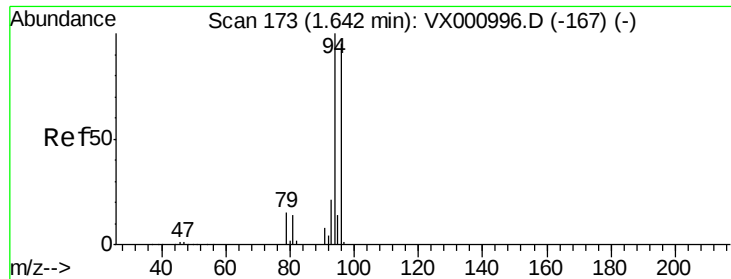
64 32.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 6.32 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

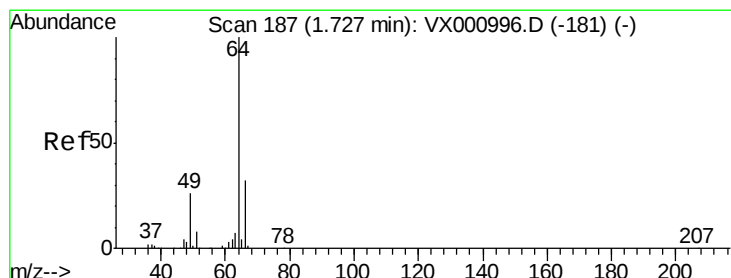
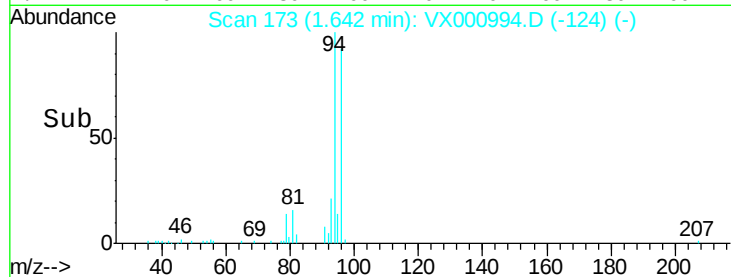
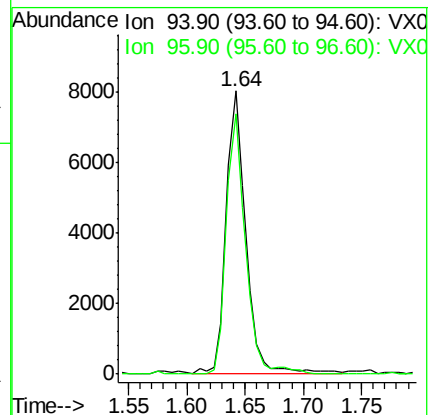
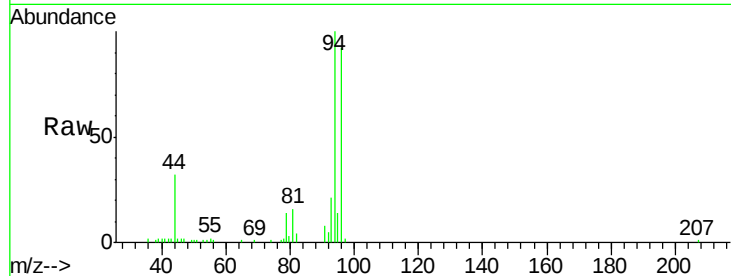
VSTDIC005

Tgt Ion: 94 Resp: 9493

Ion Ratio Lower Upper

94 100

96 92.1 76.0 114.0



#6

Chloroethane

Concen: 5.23 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000994.D

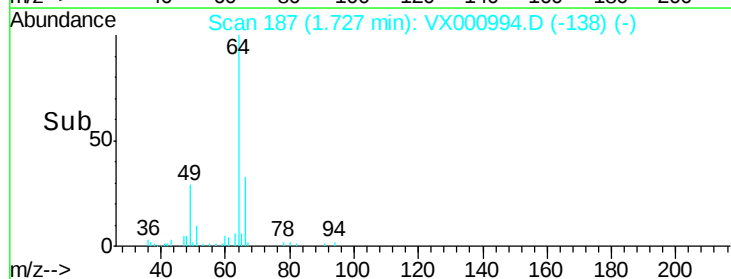
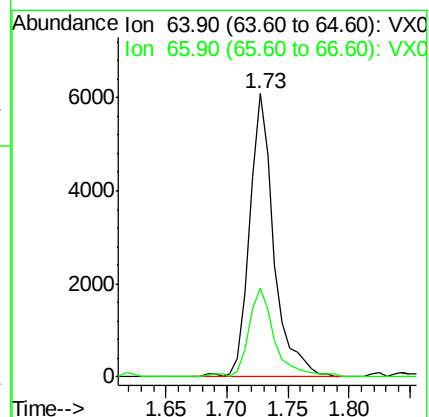
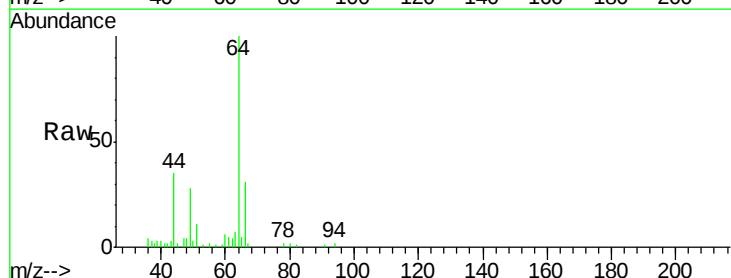
Acq: 19 Apr 2018 17:38

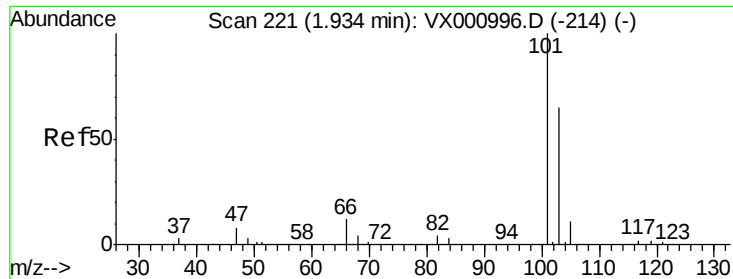
Tgt Ion: 64 Resp: 8388

Ion Ratio Lower Upper

64 100

66 31.2 25.3 37.9





#7

Trichlorofluoromethane

Concen: 6.17 ug/l

RT: 1.93 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

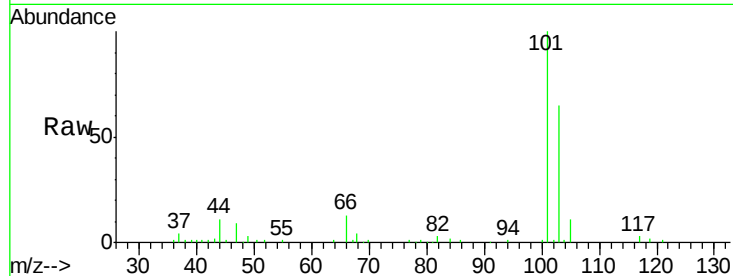
VSTDIC005

Tgt Ion: 101 Resp: 21304

Ion Ratio Lower Upper

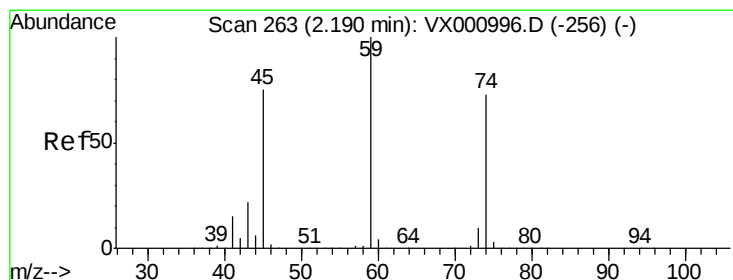
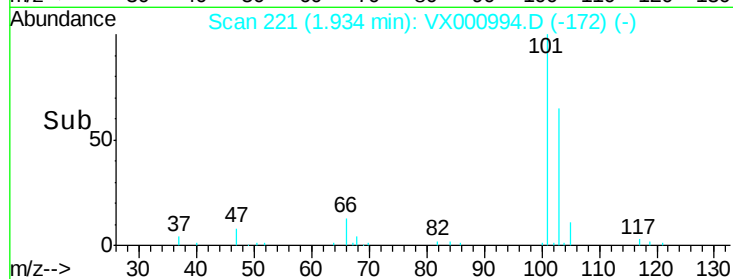
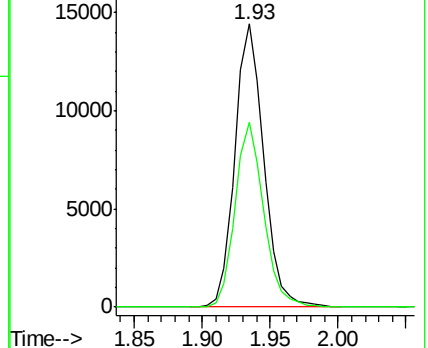
101 100

103 65.1 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 6.15 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX000994.D

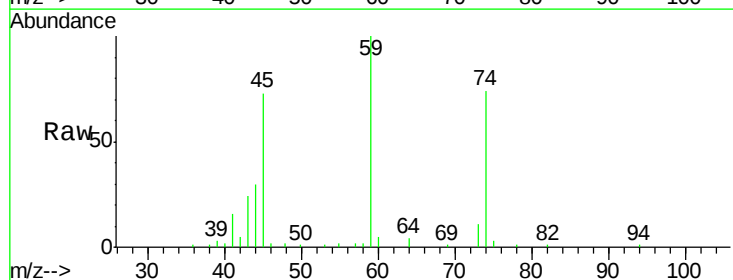
Acq: 19 Apr 2018 17:38

Tgt Ion: 74 Resp: 8131

Ion Ratio Lower Upper

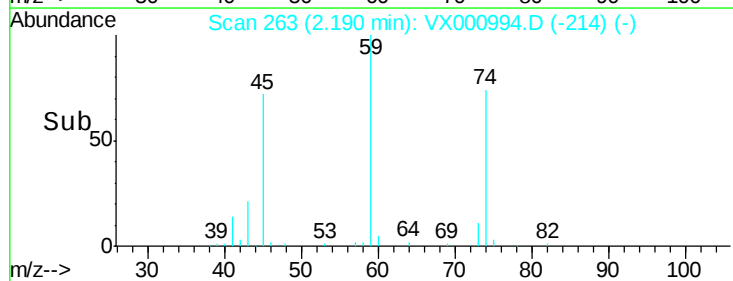
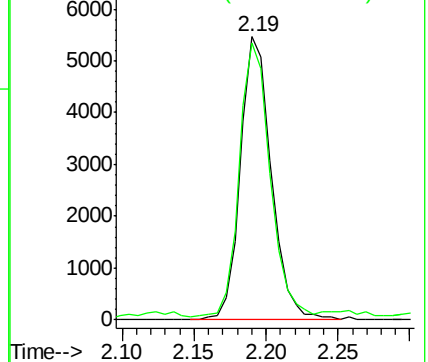
74 100

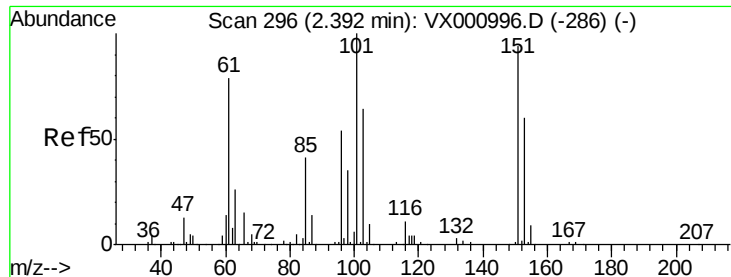
45 96.6 49.0 147.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.17 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

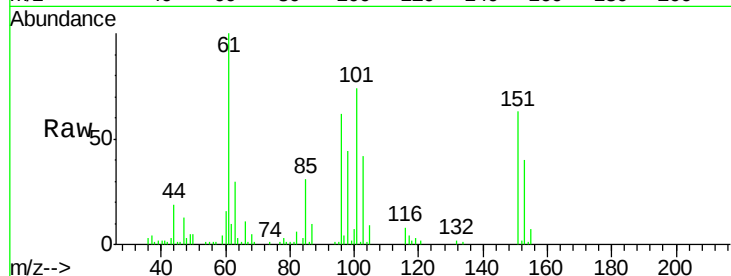
Tgt Ion:101 Resp: 12737

Ion Ratio Lower Upper

101 100

85 42.6 33.9 50.9

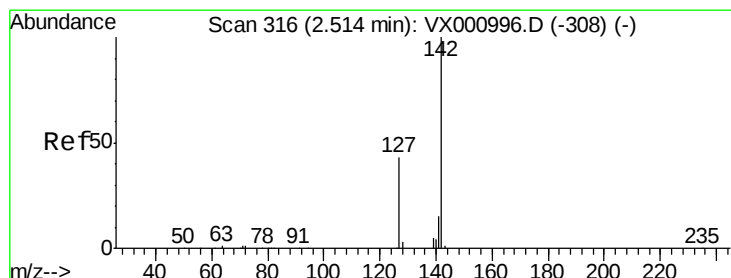
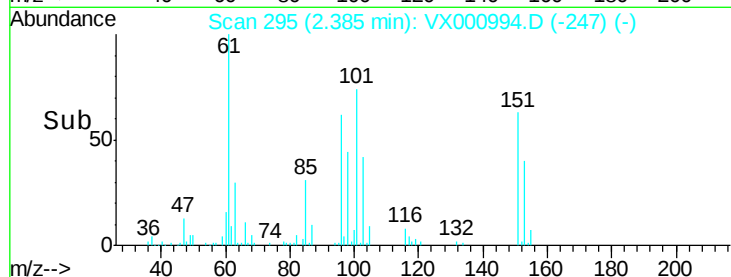
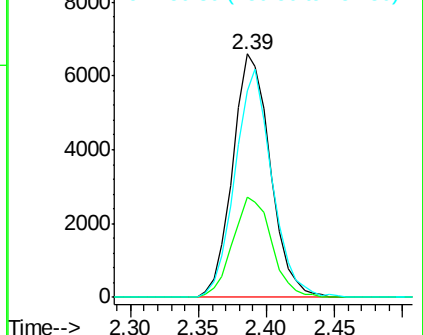
151 91.9 73.5 110.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.01 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

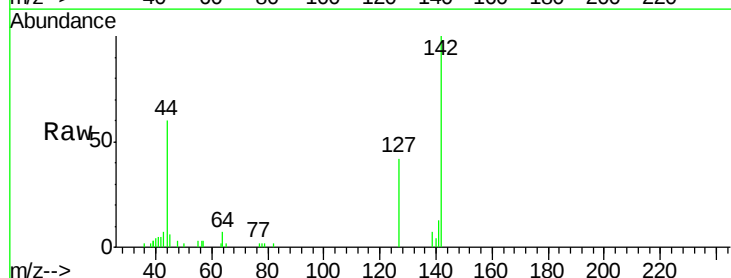
Tgt Ion:142 Resp: 5618

Ion Ratio Lower Upper

142 100

127 44.5 34.0 51.0

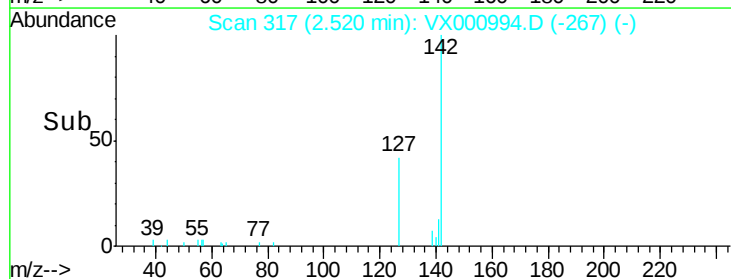
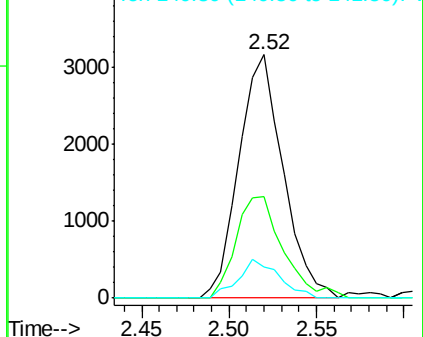
141 14.6 11.4 17.2

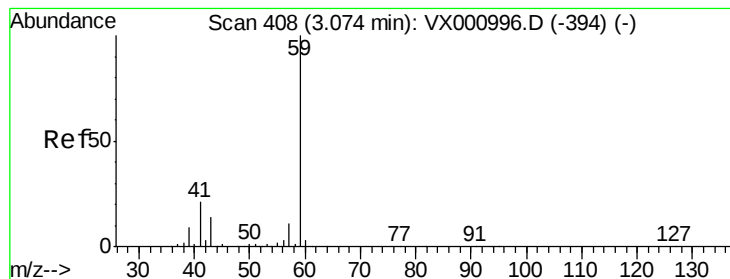


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 32.13 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.01 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

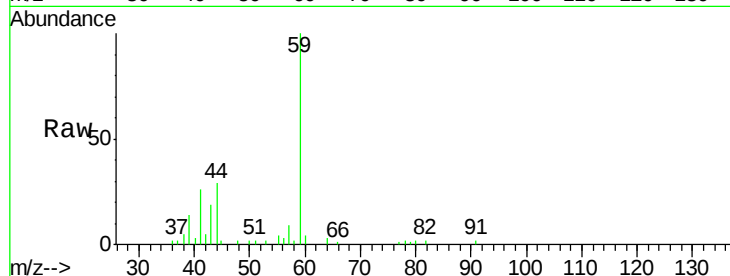
VSTDIC005

Tgt Ion: 59 Resp: 12613

Ion Ratio Lower Upper

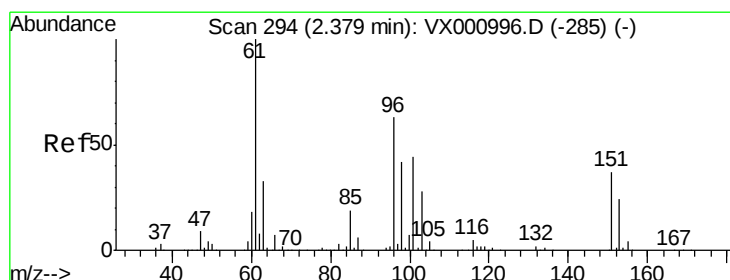
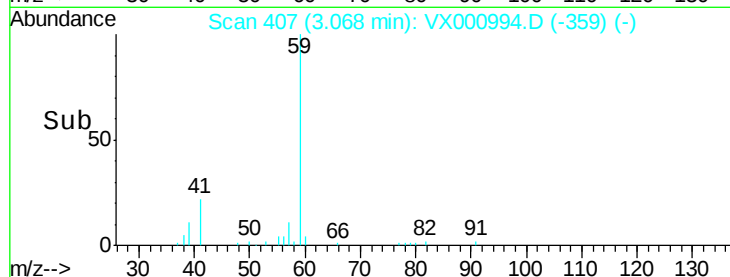
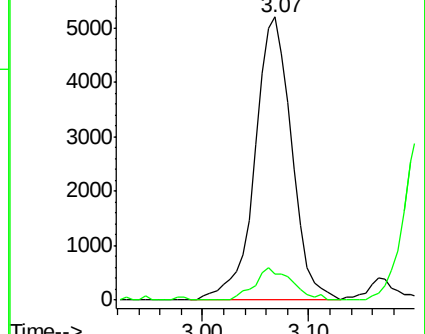
59 100

57 11.6 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 5.67 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

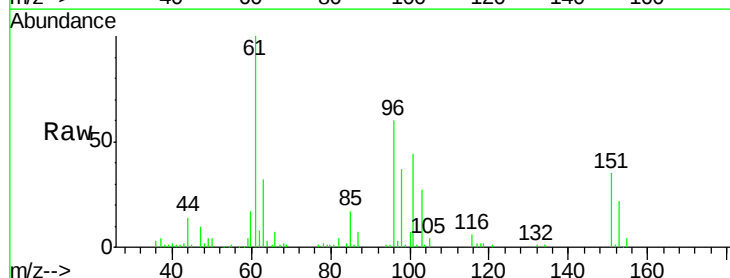
Tgt Ion: 96 Resp: 11162

Ion Ratio Lower Upper

96 100

61 165.9 126.4 189.6

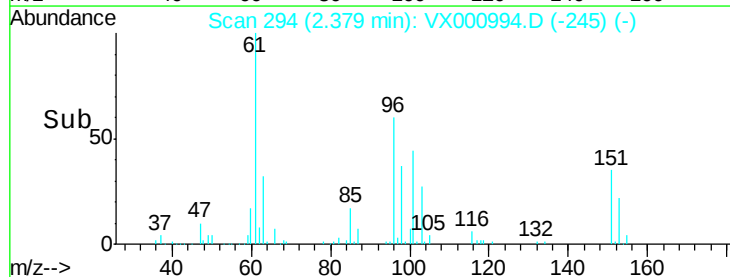
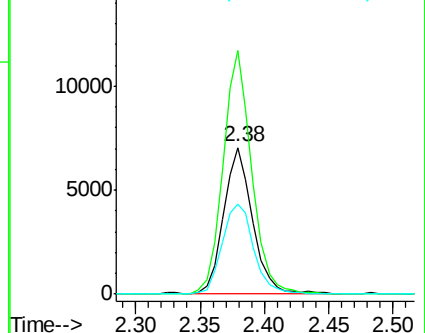
98 61.1 52.6 78.8

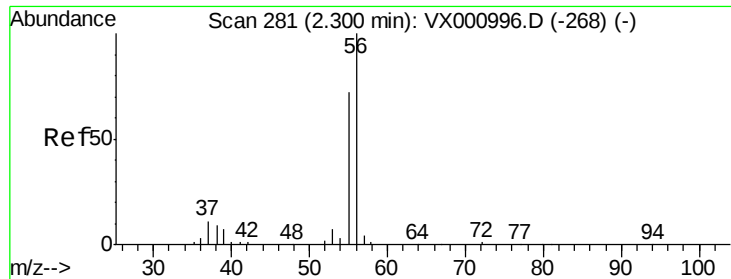


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 59.32 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

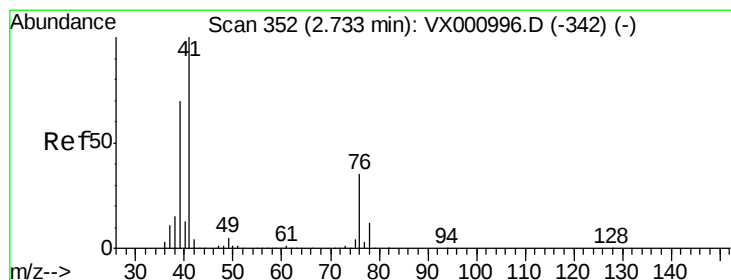
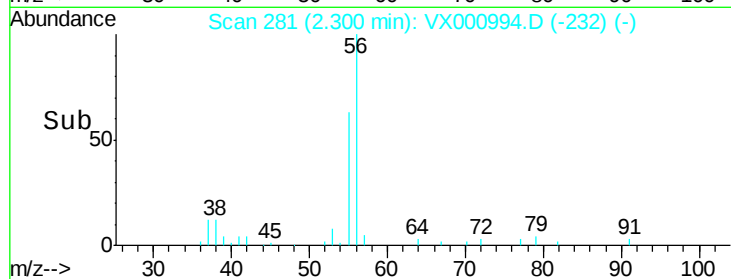
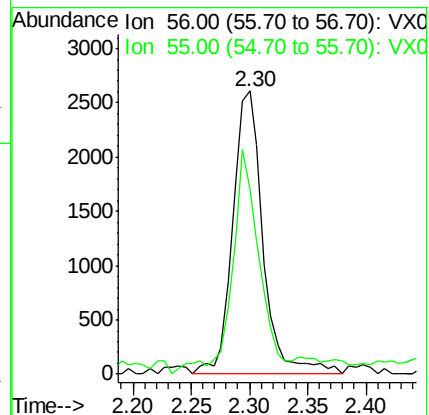
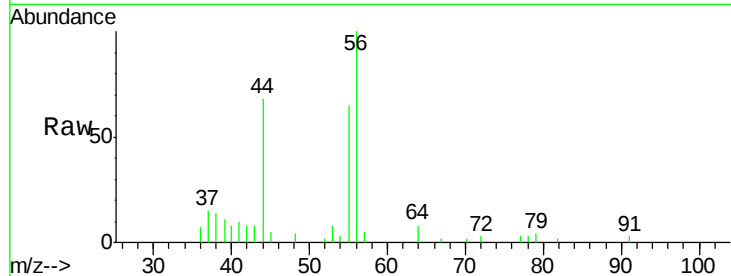
VSTDIC005

Tgt Ion: 56 Resp: 4739

Ion Ratio Lower Upper

56 100

55 71.9 57.4 86.2



#14

Allyl chloride

Concen: 5.51 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

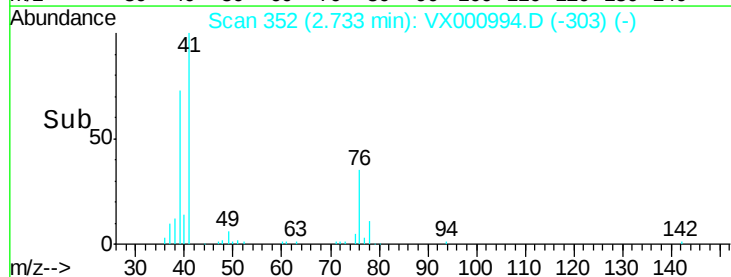
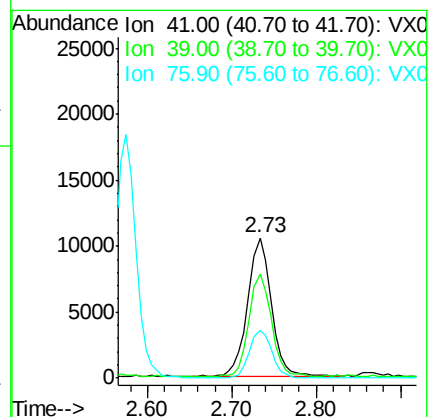
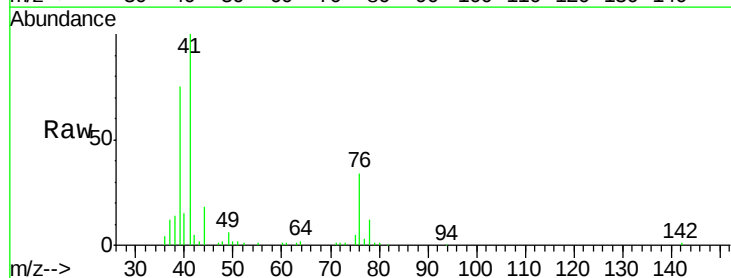
Tgt Ion: 41 Resp: 20223

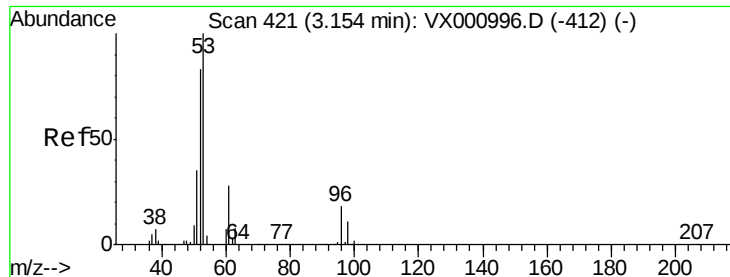
Ion Ratio Lower Upper

41 100

39 68.7 53.0 79.6

76 32.1 25.9 38.9





#15

Acrylonitrile

Concen: 29.75 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

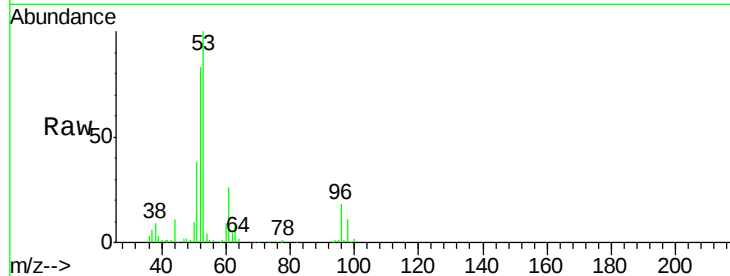
Tgt Ion: 53 Resp: 30875

Ion Ratio Lower Upper

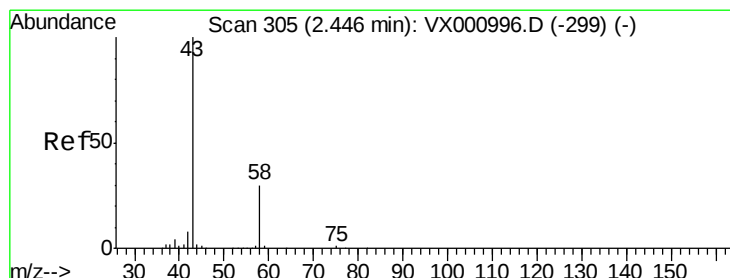
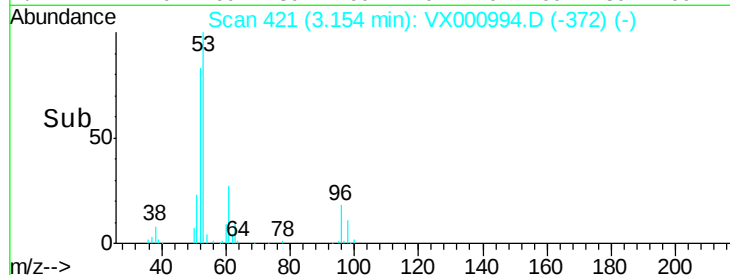
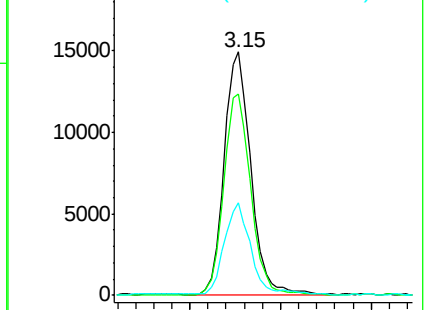
53 100

52 83.0 66.4 99.6

51 38.4 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 29.67 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000994.D

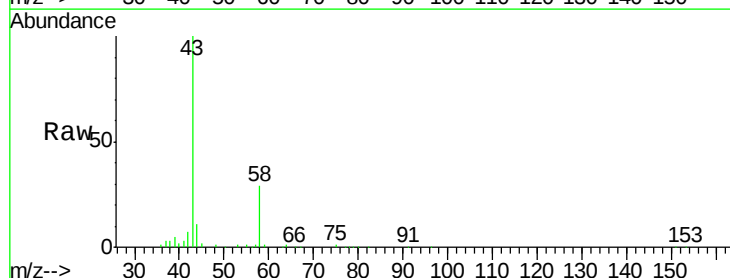
Acq: 19 Apr 2018 17:38

Tgt Ion: 43 Resp: 29125

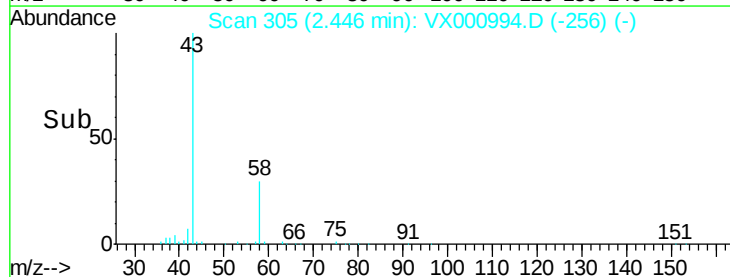
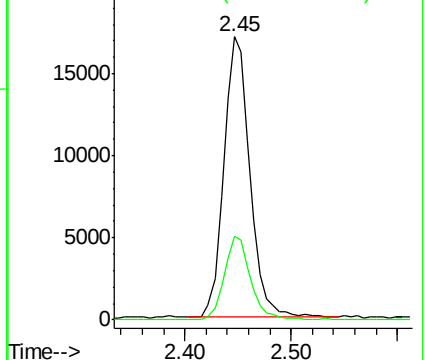
Ion Ratio Lower Upper

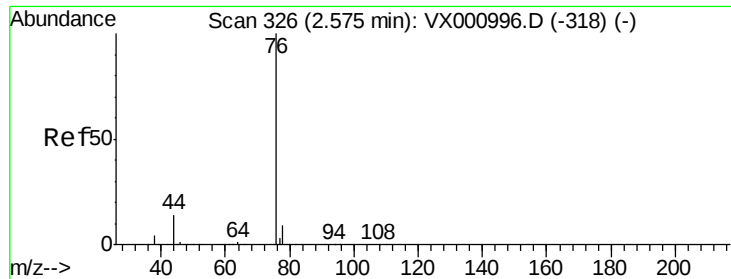
43 100

58 29.7 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

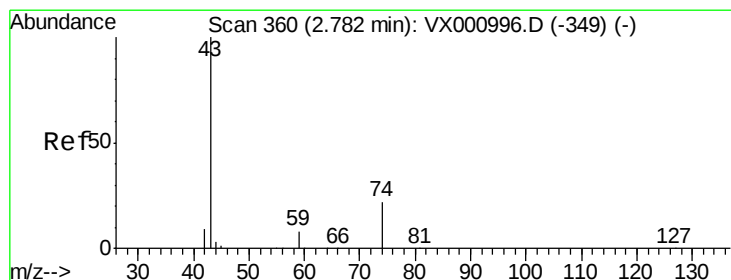
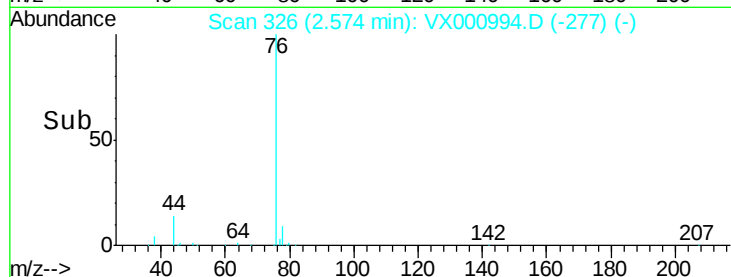
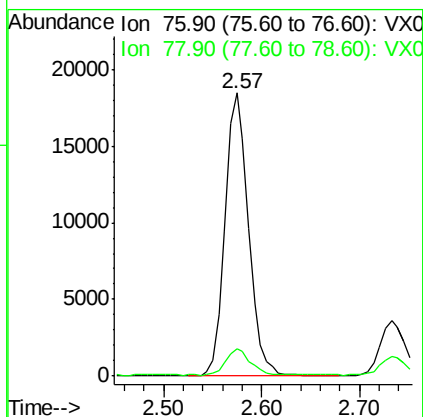
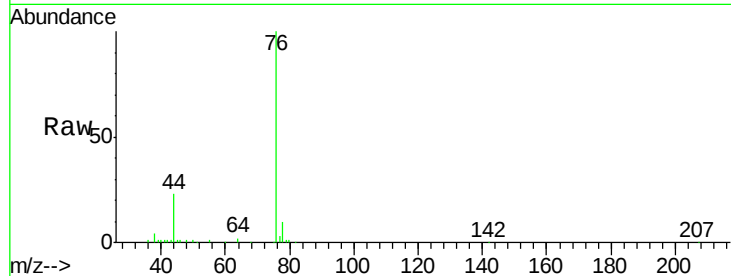




#17
Carbon Disulfide
Concen: 5.02 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000994.D
Acq: 19 Apr 2018 17:38

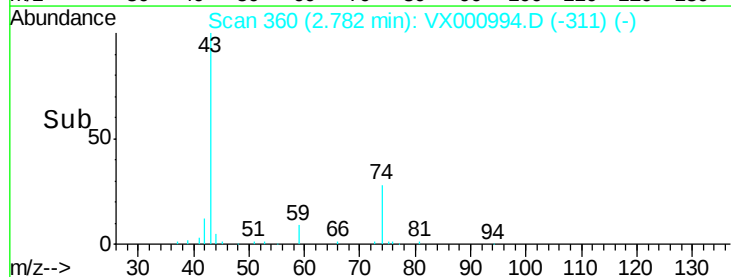
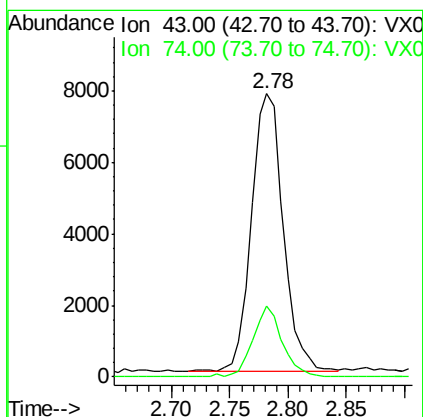
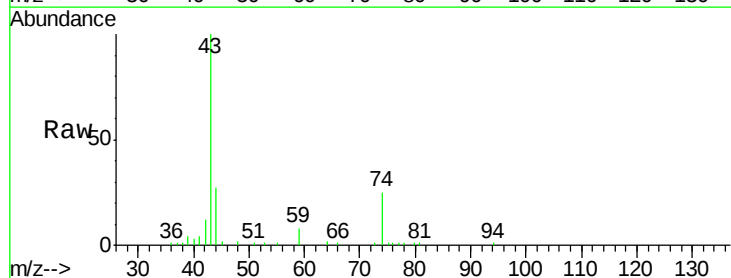
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

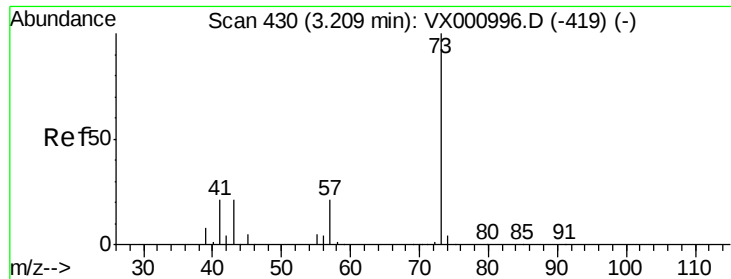
Tgt Ion: 76 Resp: 30758
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 5.80 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000994.D
Acq: 19 Apr 2018 17:38

Tgt Ion: 43 Resp: 14740
Ion Ratio Lower Upper
43 100
74 23.8 18.3 27.5

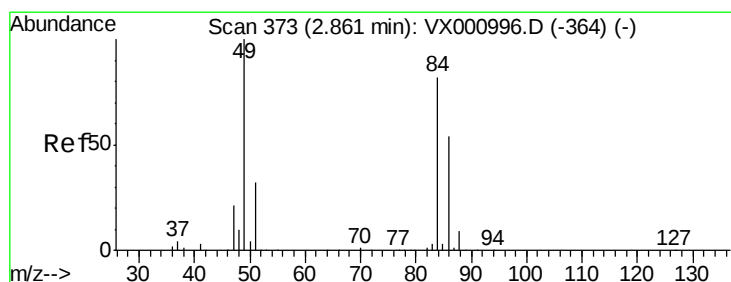
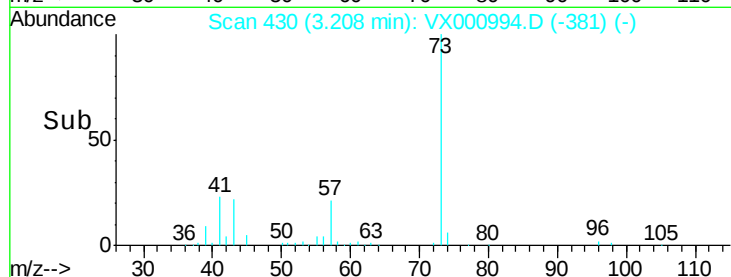
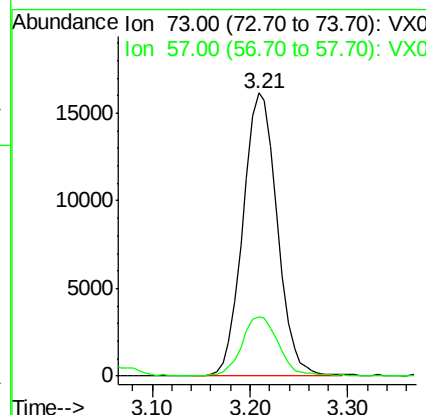
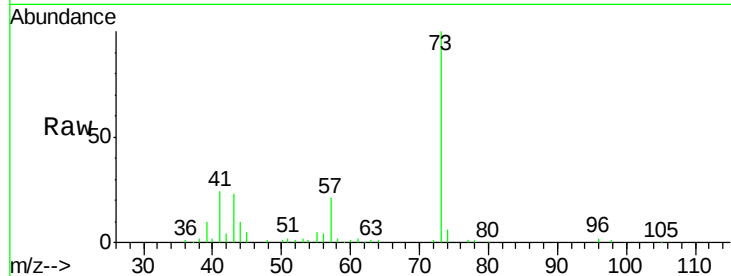




#19
Methyl tert-butyl Ether
Concen: 6.14 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000994.D
Acq: 19 Apr 2018 17:38

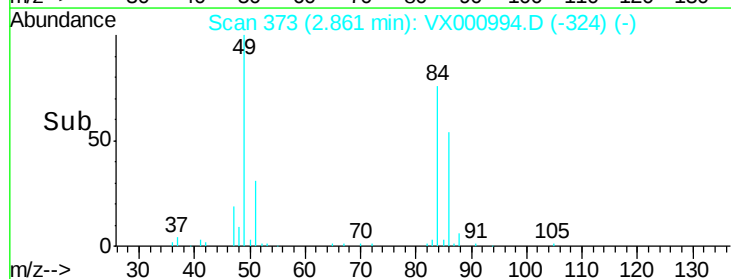
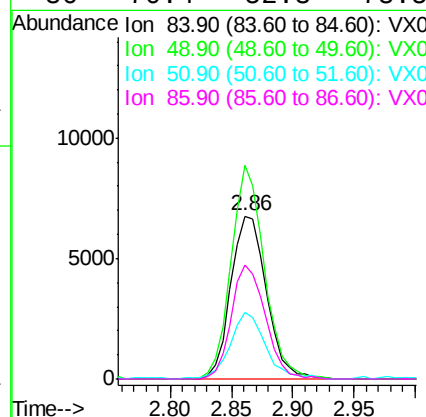
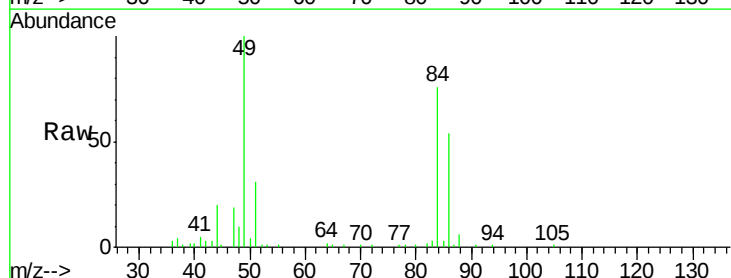
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

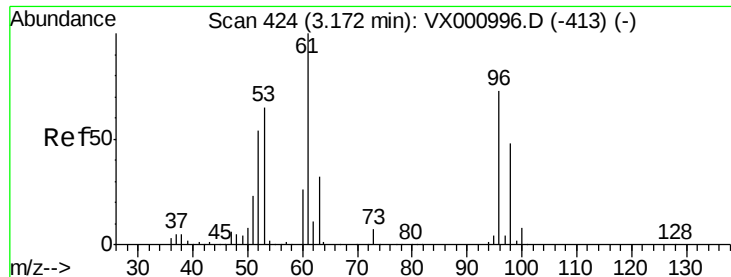
Tgt Ion: 73 Resp: 39386
Ion Ratio Lower Upper
73 100
57 21.2 17.1 25.7



#20
Methylene Chloride
Concen: 5.94 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000994.D
Acq: 19 Apr 2018 17:38

Tgt Ion: 84 Resp: 13683
Ion Ratio Lower Upper
84 100
49 131.3 97.1 145.7
51 41.0 30.8 46.2
86 70.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 5.80 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

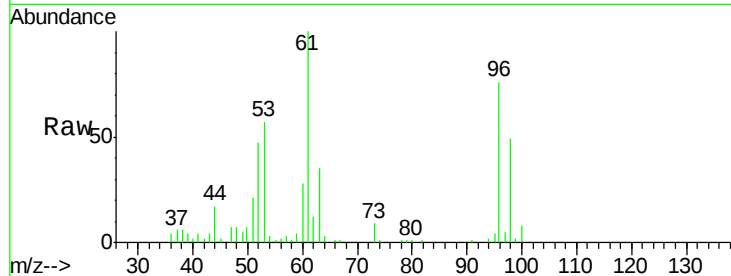
Tgt Ion: 96 Resp: 12922

Ion Ratio Lower Upper

96 100

61 130.7 109.4 164.2

98 63.9 52.6 78.8

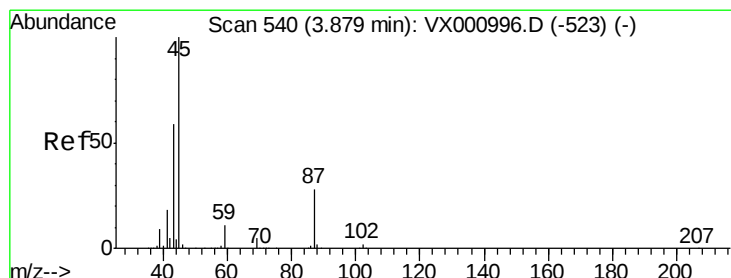
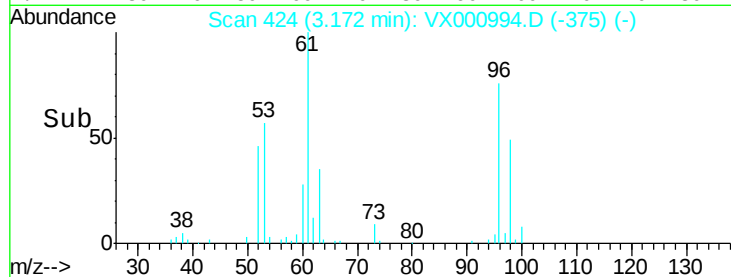
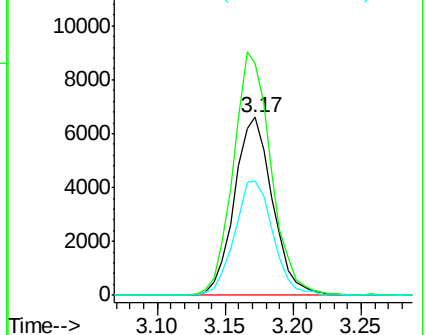


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 5.60 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Tgt Ion: 45 Resp: 39278

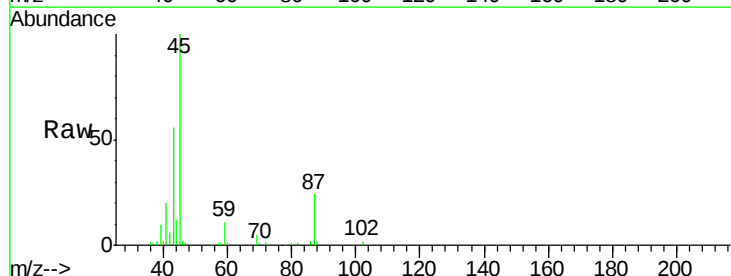
Ion Ratio Lower Upper

45 100

43 53.1 47.0 70.4

87 24.4 22.5 33.7

59 10.9 8.8 13.2



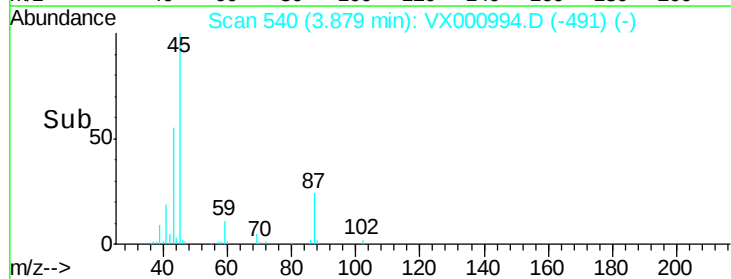
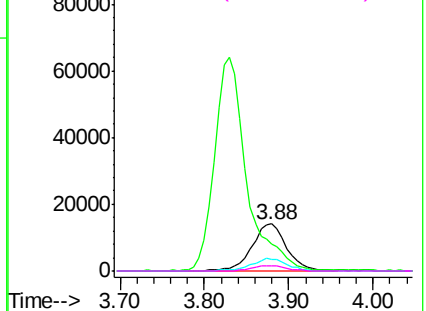
Abundance

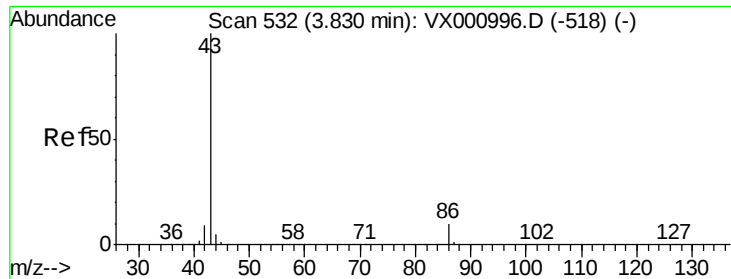
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 29.38 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

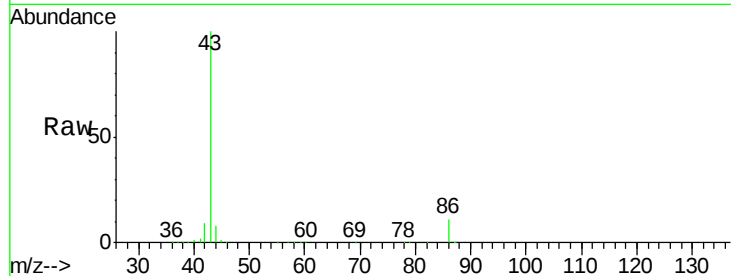
VSTDIC005

Tgt Ion: 43 Resp: 168278

Ion Ratio Lower Upper

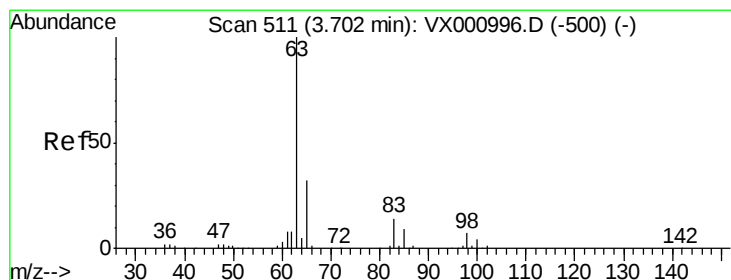
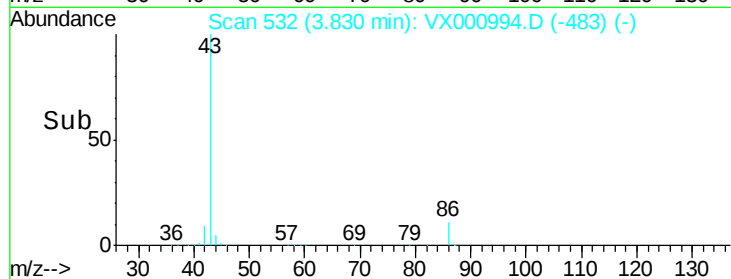
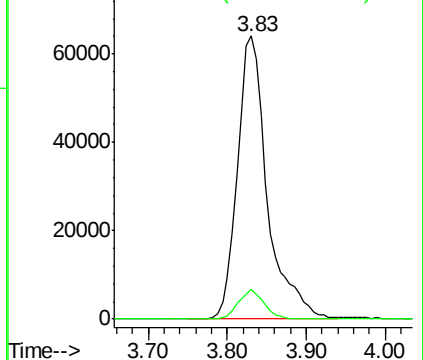
43 100

86 10.7 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.99 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

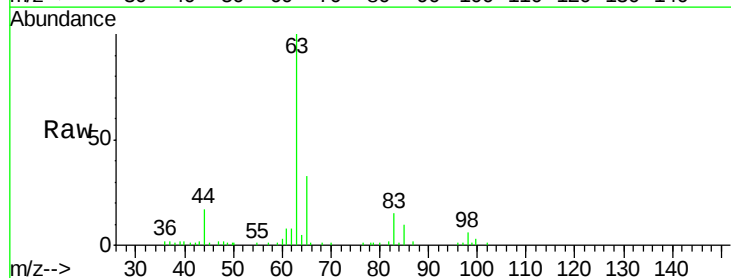
Tgt Ion: 63 Resp: 22654

Ion Ratio Lower Upper

63 100

98 6.0 3.4 10.1

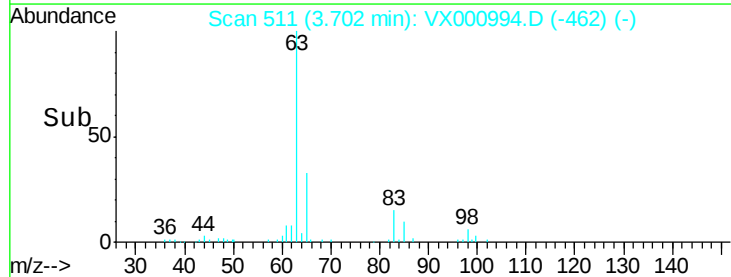
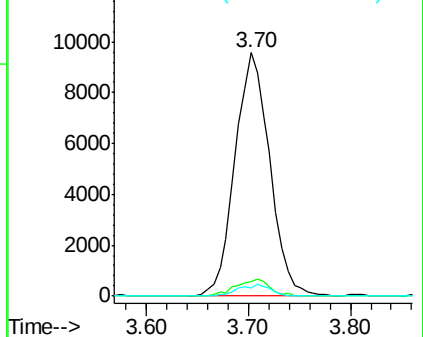
100 3.5 2.1 6.3

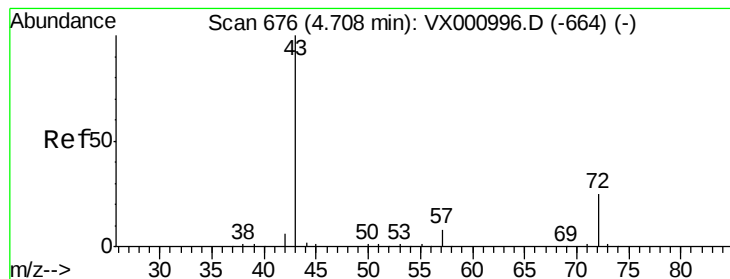


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 29.86 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

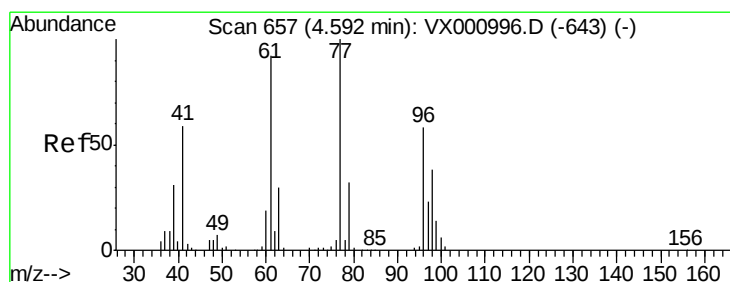
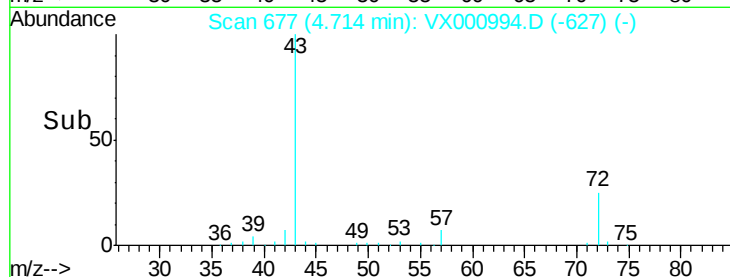
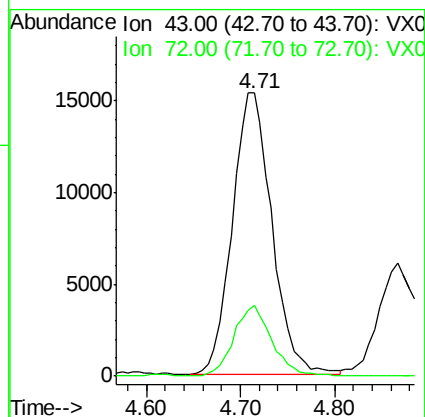
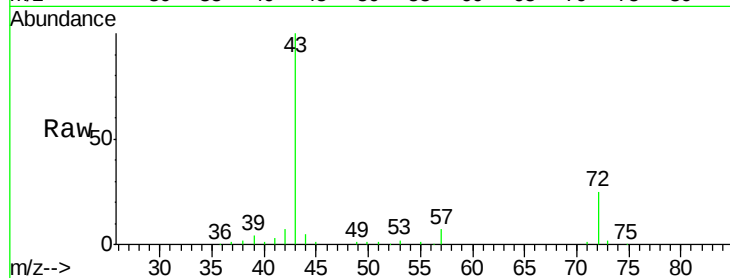
VSTDIC005

Tgt Ion: 43 Resp: 45115

Ion Ratio Lower Upper

43 100

72 25.0 19.9 29.9



#26

2,2-Dichloropropane

Concen: 5.69 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000994.D

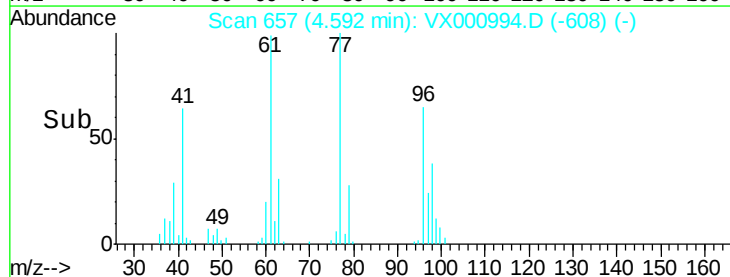
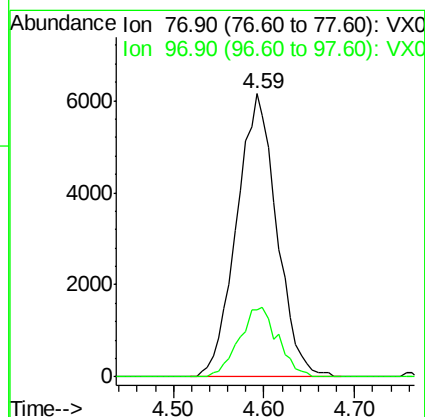
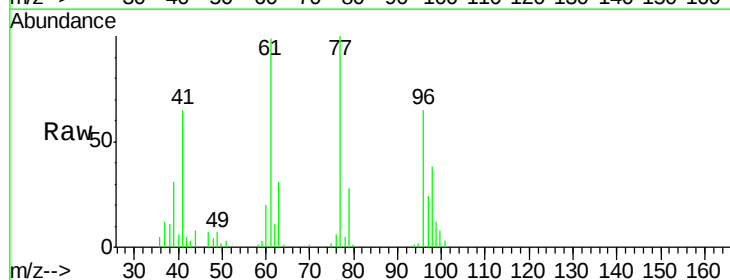
Acq: 19 Apr 2018 17:38

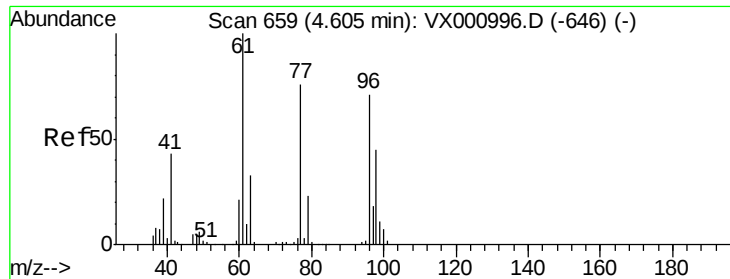
Tgt Ion: 77 Resp: 18878

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 5.93 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

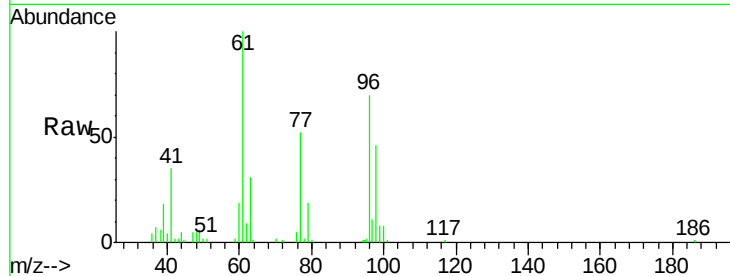
Tgt Ion: 96 Resp: 14297

Ion Ratio Lower Upper

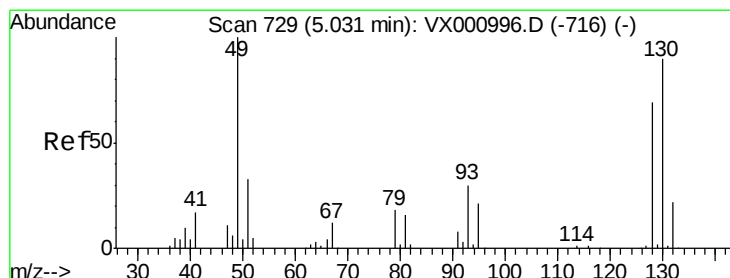
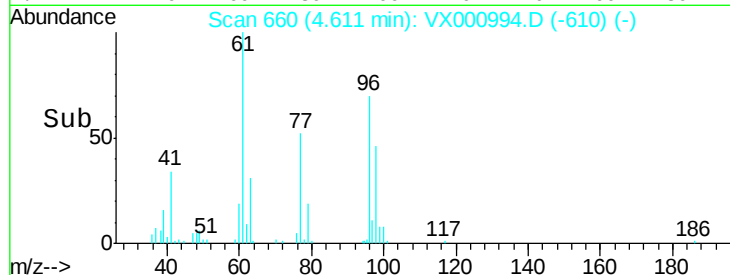
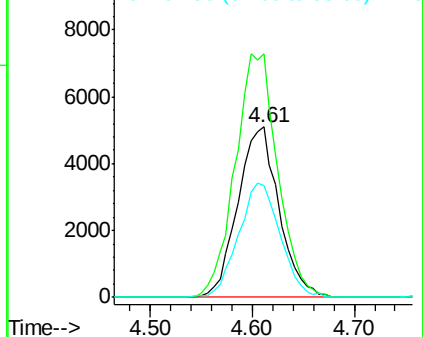
96 100

61 147.7 0.0 297.0

98 68.1 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 5.56 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

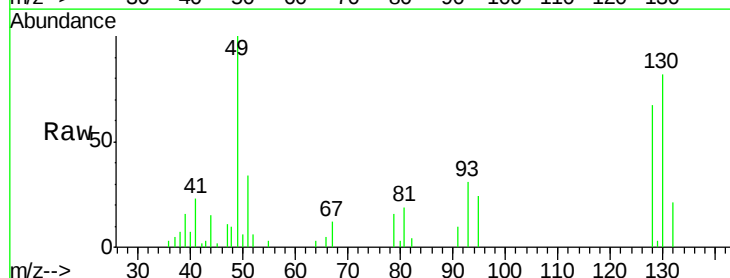
Tgt Ion: 49 Resp: 8816

Ion Ratio Lower Upper

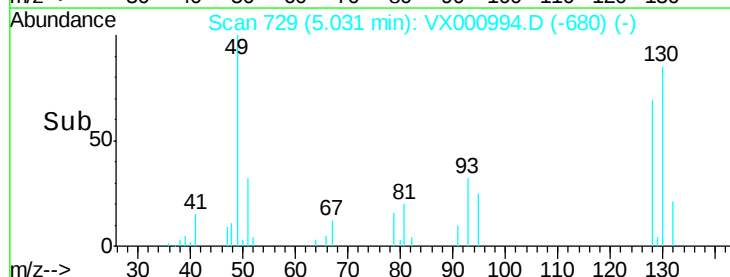
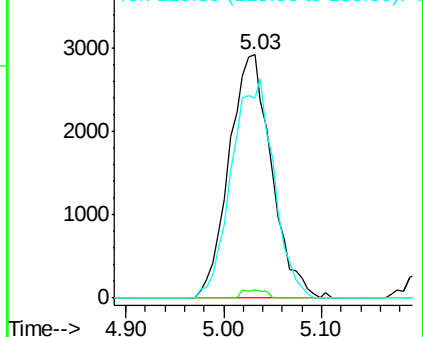
49 100

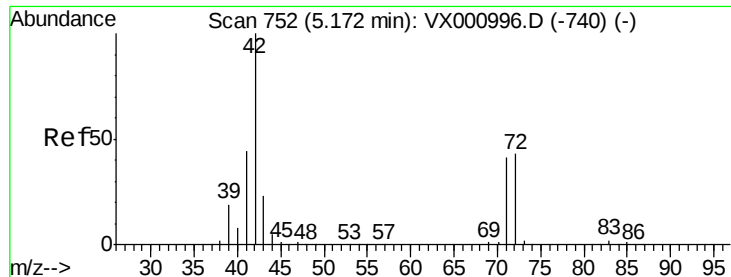
129 1.8 0.0 4.8

130 89.5 70.6 105.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 28.91 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

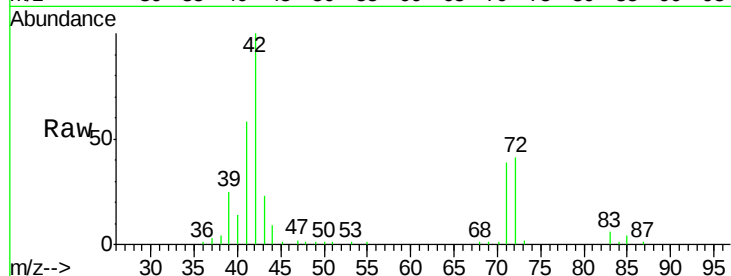
Tgt Ion: 42 Resp: 27842

Ion Ratio Lower Upper

42 100

72 44.4 34.6 52.0

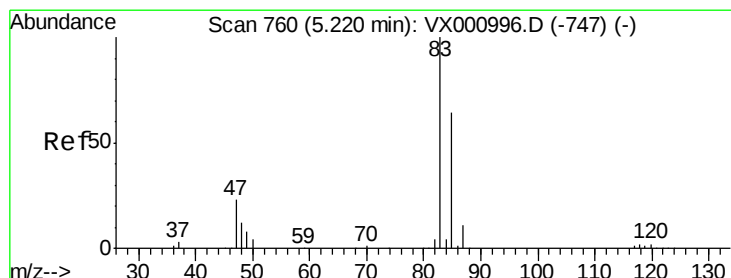
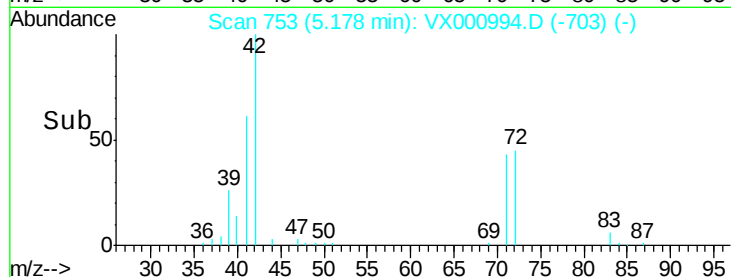
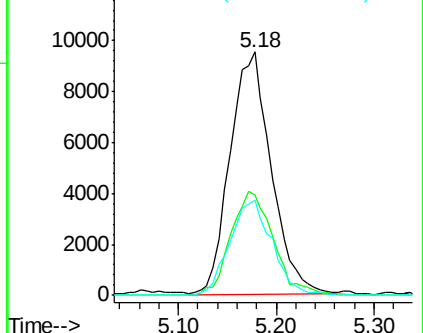
71 40.5 32.6 49.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 6.06 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX000994.D

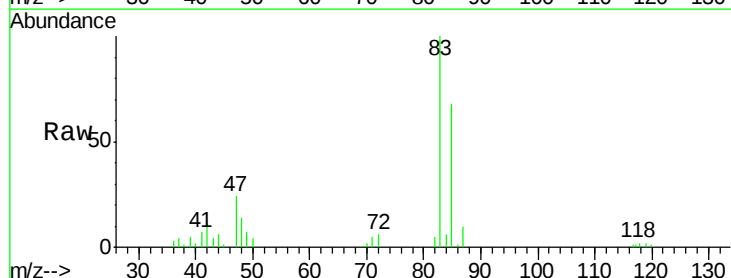
Acq: 19 Apr 2018 17:38

Tgt Ion: 83 Resp: 23633

Ion Ratio Lower Upper

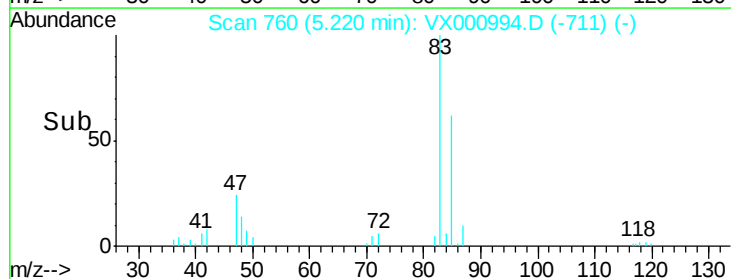
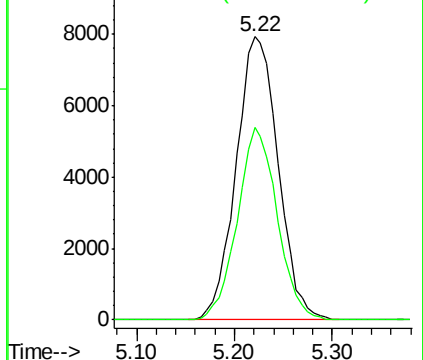
83 100

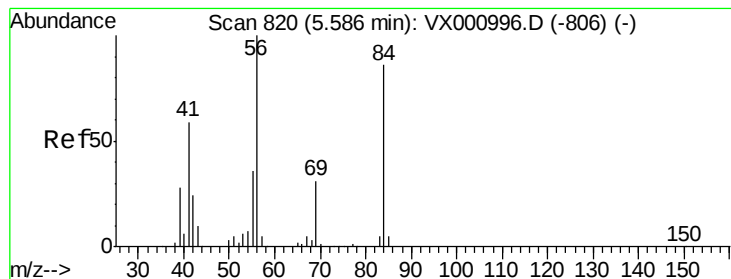
85 68.1 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 6.07 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

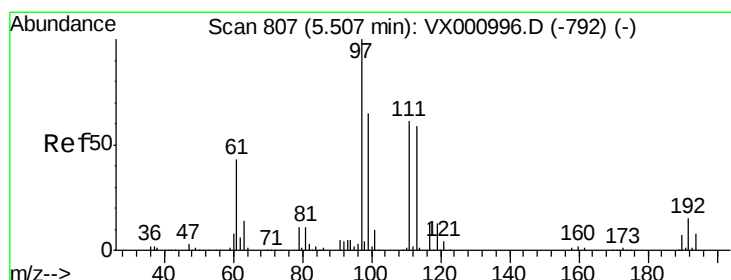
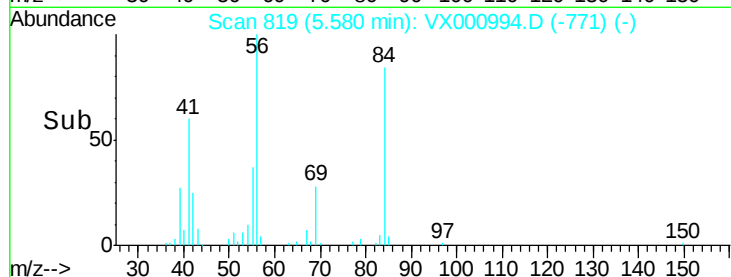
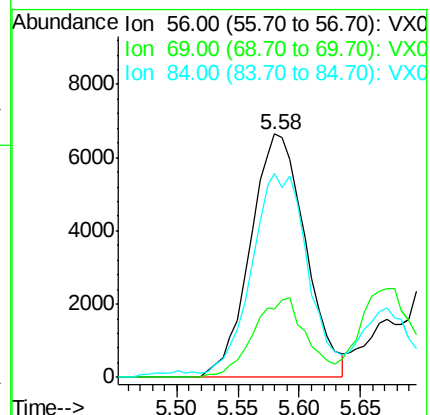
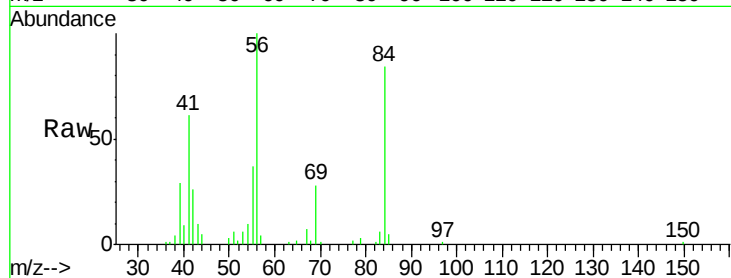
Tgt Ion: 56 Resp: 20804

Ion Ratio Lower Upper

56 100

69 27.9 24.6 36.8

84 81.7 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 5.92 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

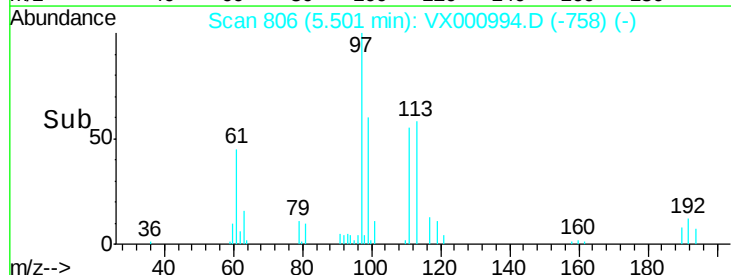
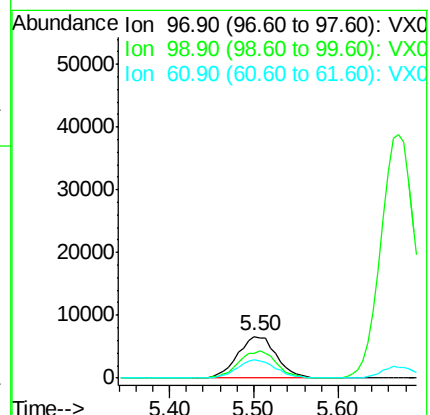
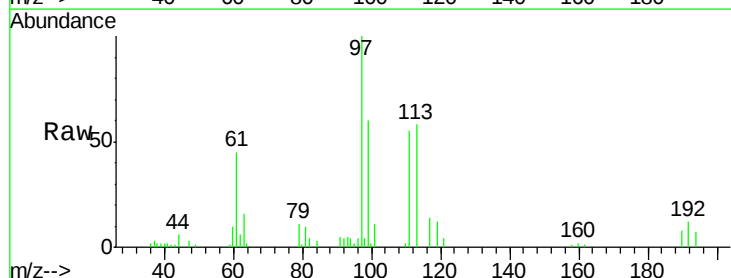
Tgt Ion: 97 Resp: 20560

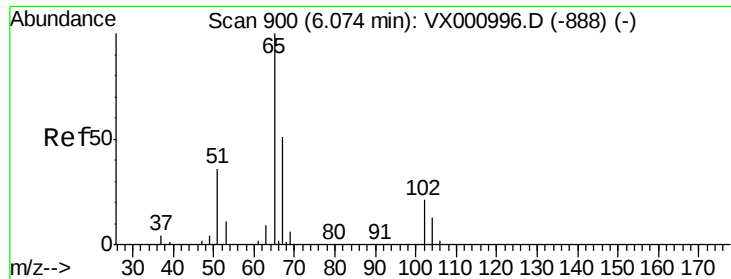
Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

61 43.5 34.4 51.6





#33

1,2-Dichloroethane-d4

Concen: 5.32 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

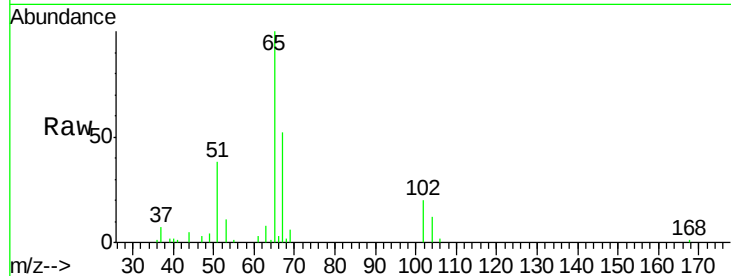
VSTDIC005

Tgt Ion: 65 Resp: 16050

Ion Ratio Lower Upper

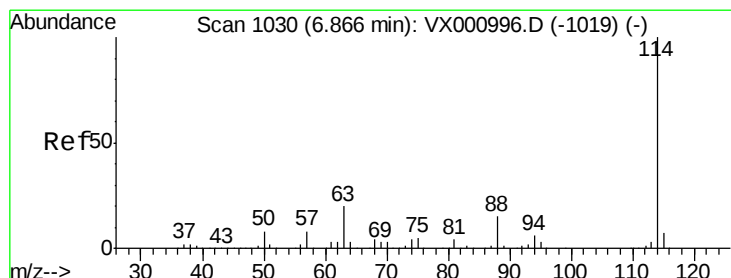
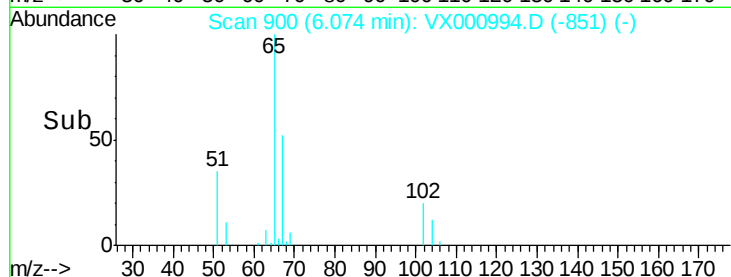
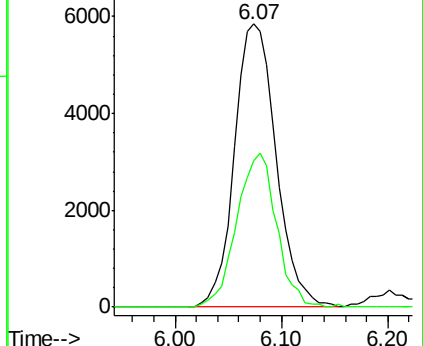
65 100

67 52.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

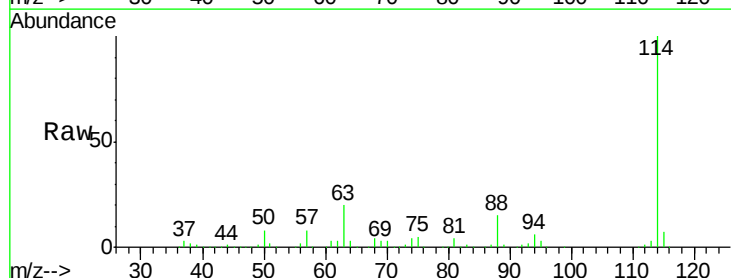
Tgt Ion: 114 Resp: 319142

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

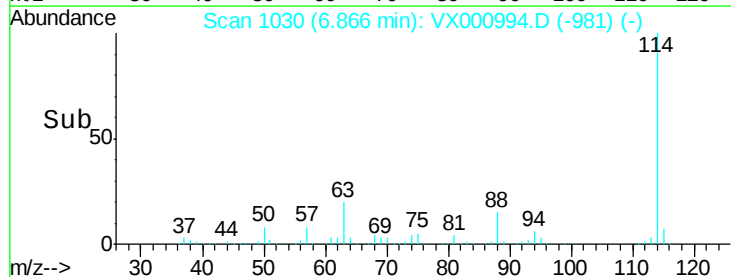
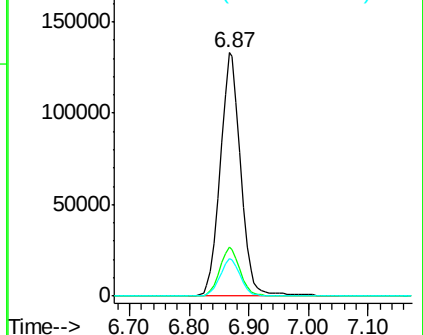
88 15.3 0.0 29.8

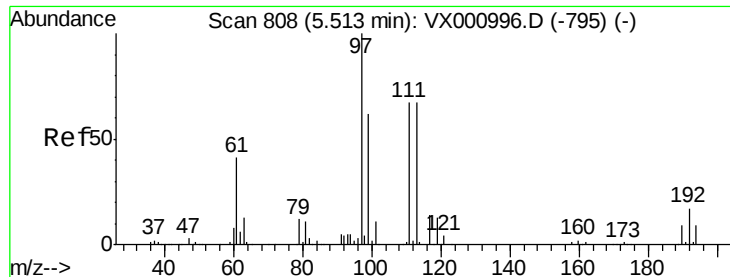


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

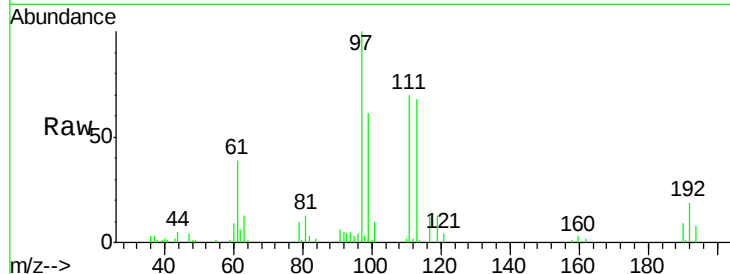




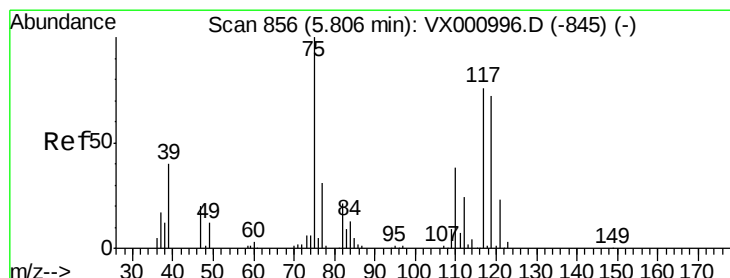
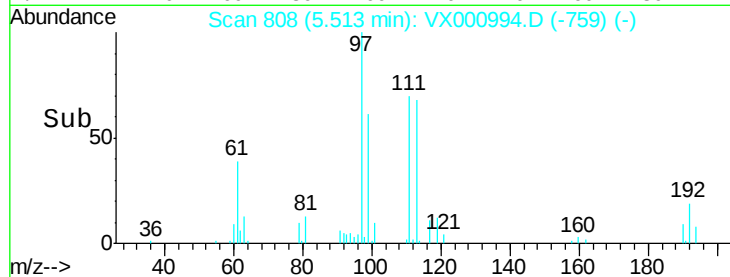
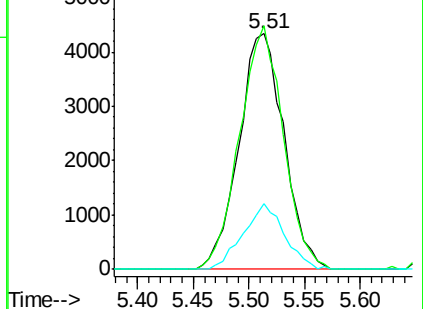
#35
 Dibromofluoromethane
 Concen: 5.46 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000994.D
 Acq: 19 Apr 2018 17:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:113 Resp: 12214
 Ion Ratio Lower Upper
 113 100
 111 100.0 81.4 122.2
 192 25.6 20.4 30.6

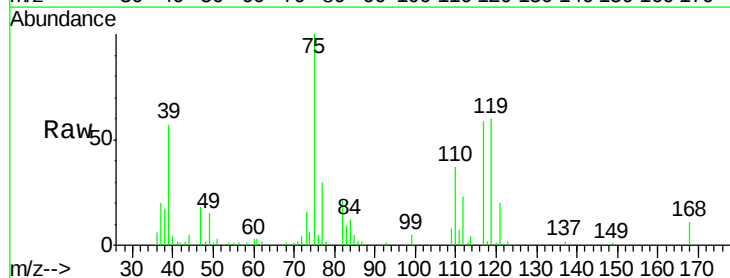


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

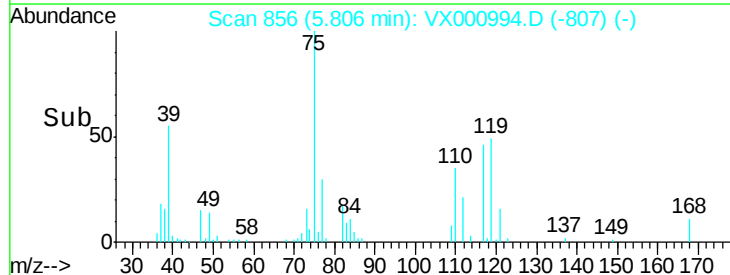
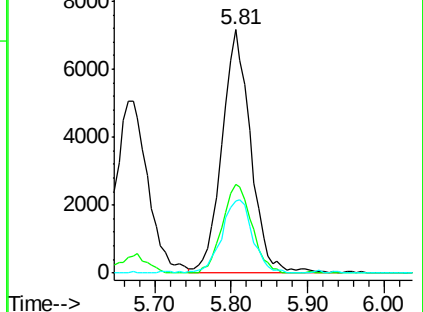


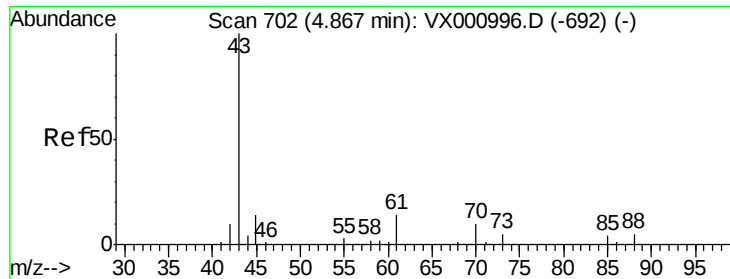
#36
 1,1-Dichloropropene
 Concen: 6.14 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000994.D
 Acq: 19 Apr 2018 17:38

Tgt Ion: 75 Resp: 18683
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.7 56.1
 77 32.0 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

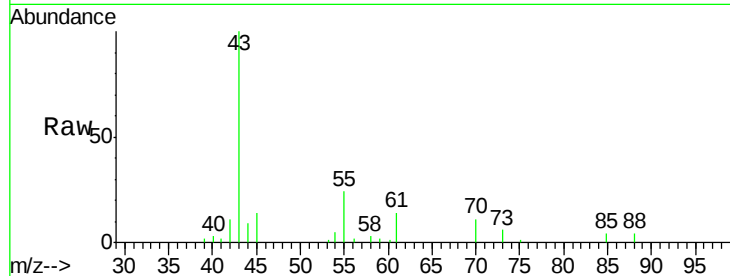




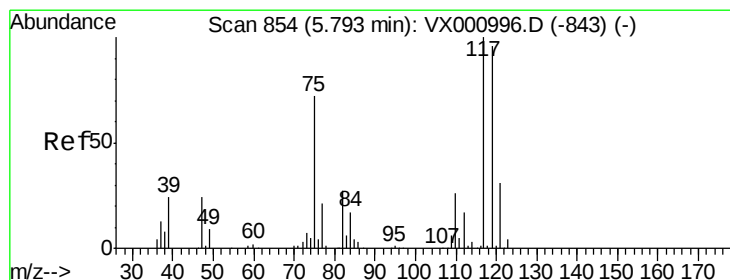
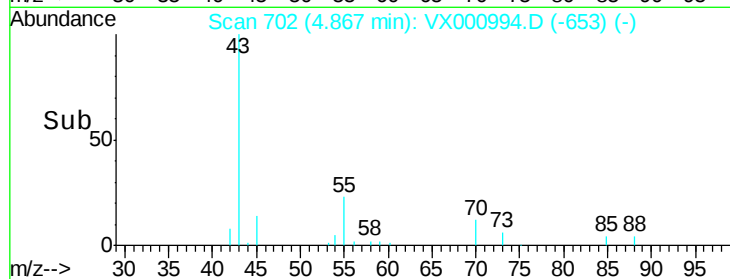
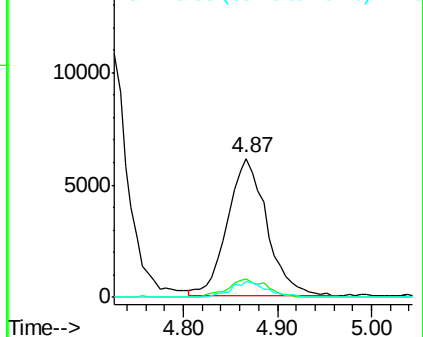
#37
Ethyl Acetate
Concen: 6.28 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000994.D
Acq: 19 Apr 2018 17:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 17812
Ion Ratio Lower Upper
43 100
61 13.1 10.7 16.1
70 10.5 8.3 12.5

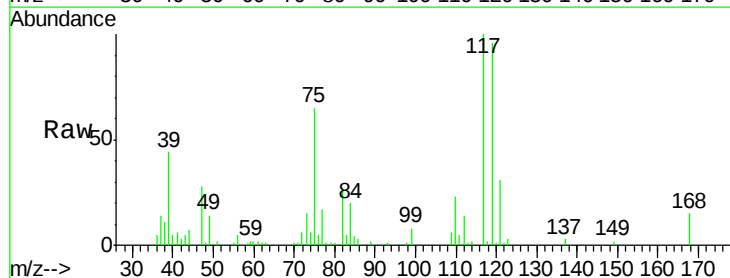


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

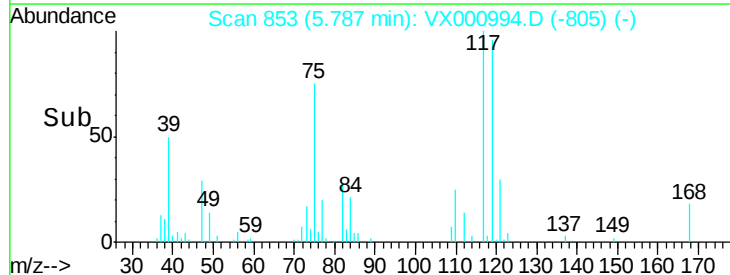
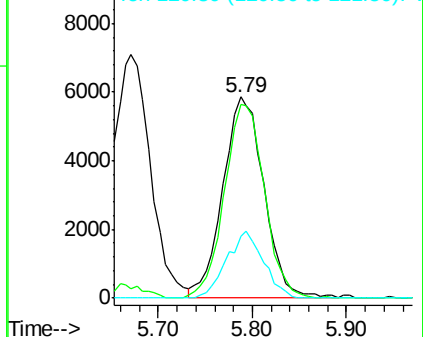


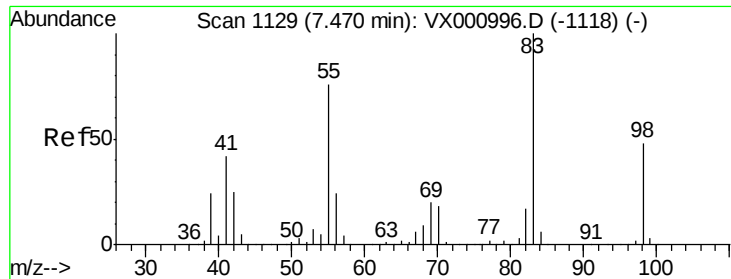
#38
Carbon Tetrachloride
Concen: 5.62 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000994.D
Acq: 19 Apr 2018 17:38

Tgt Ion: 117 Resp: 17787
Ion Ratio Lower Upper
117 100
119 96.3 76.5 114.7
121 30.6 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

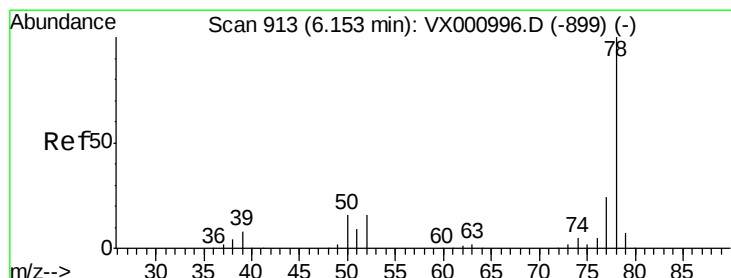
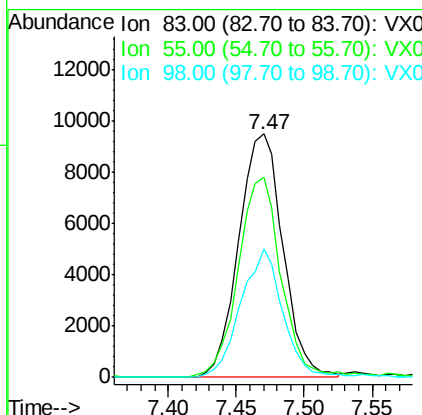
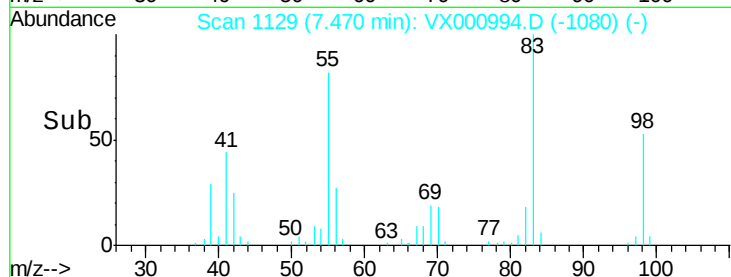
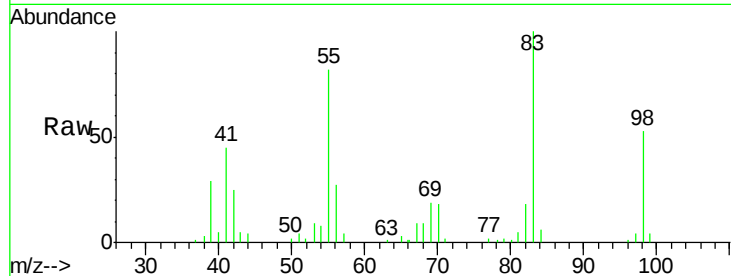




#39
Methylcyclohexane
Concen: 5.93 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000994.D
Acq: 19 Apr 2018 17:38

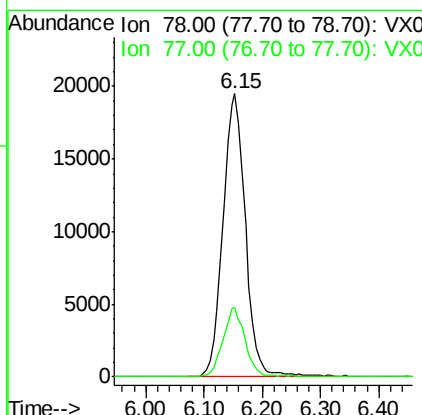
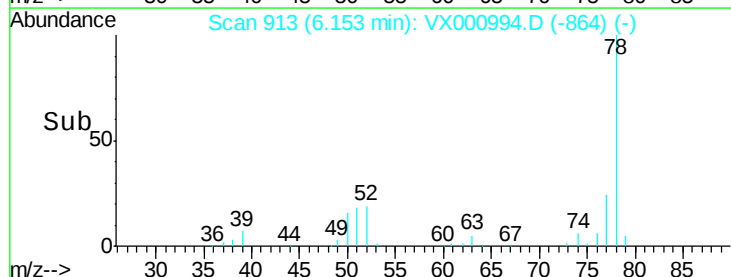
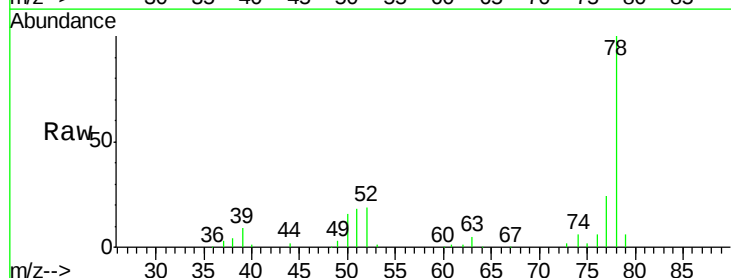
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

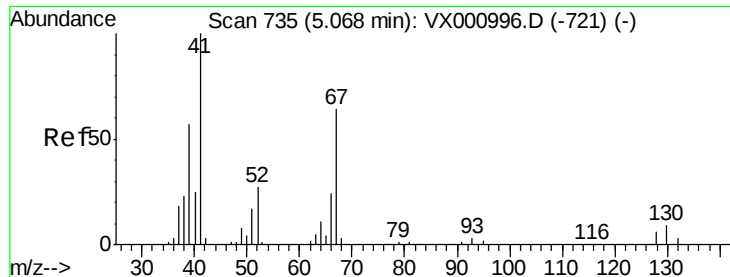
Tgt Ion: 83 Resp: 21567
Ion Ratio Lower Upper
83 100
55 82.4 60.6 91.0
98 52.7 38.2 57.4



#40
Benzene
Concen: 6.15 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000994.D
Acq: 19 Apr 2018 17:38

Tgt Ion: 78 Resp: 52222
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3





#41

Methacrylonitrile

Concen: 6.00 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 10649

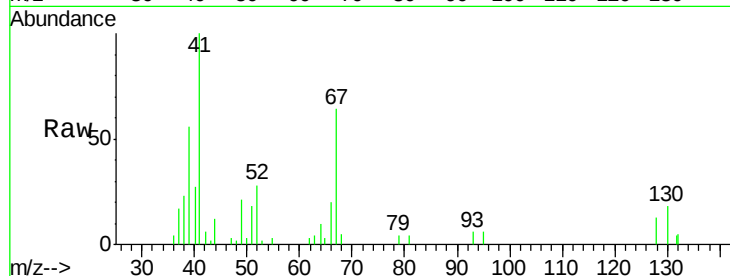
Ion Ratio Lower Upper

41 100

39 54.5 45.2 67.8

67 66.1 53.8 80.8

52 28.1 22.4 33.6

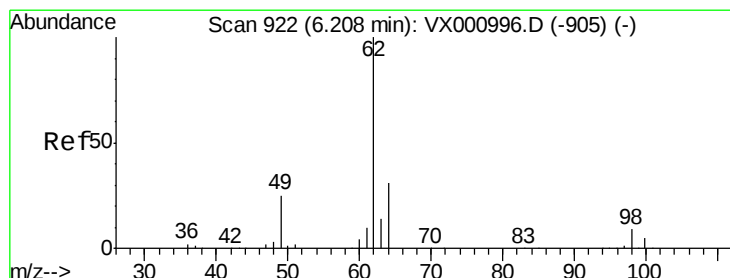
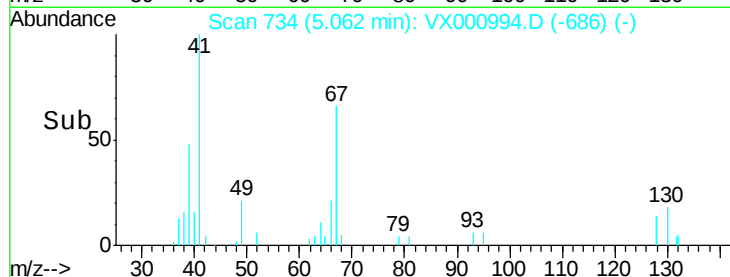
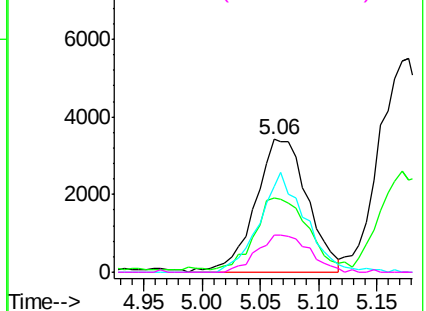


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 6.22 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.00 min

Lab File: VX000994.D

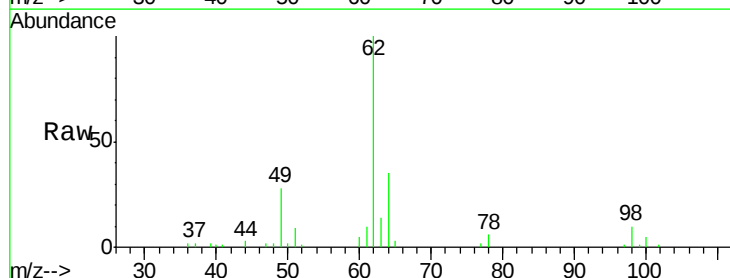
Acq: 19 Apr 2018 17:38

Tgt Ion: 62 Resp: 20503

Ion Ratio Lower Upper

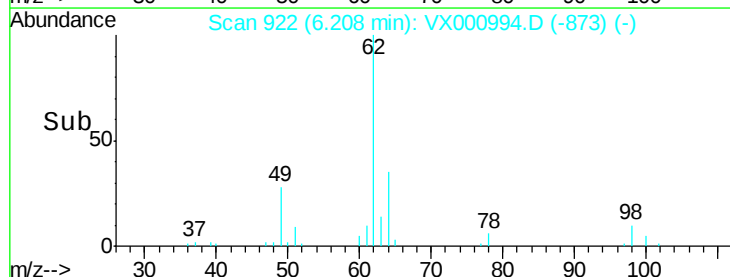
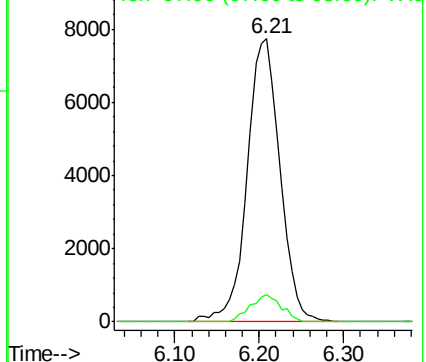
62 100

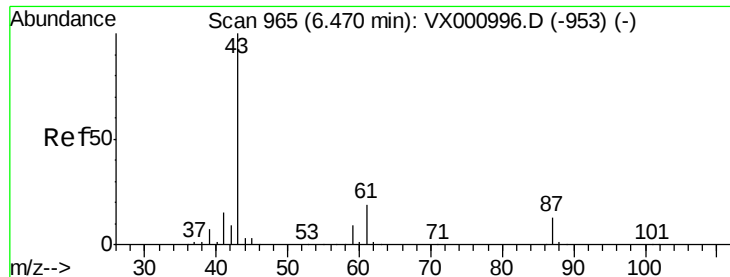
98 9.0 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 6.02 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

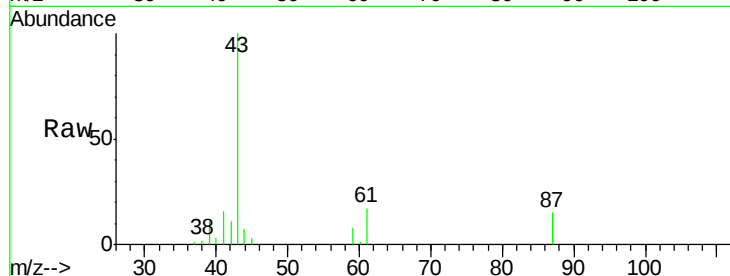
Tgt Ion: 43 Resp: 28864

Ion Ratio Lower Upper

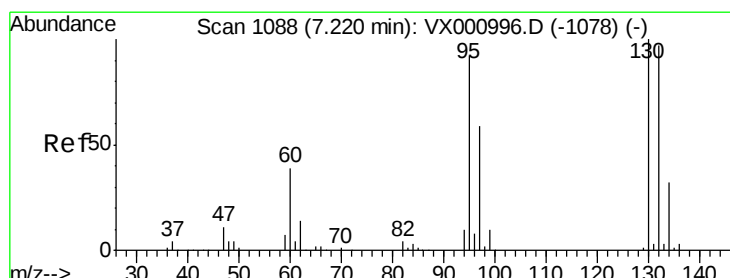
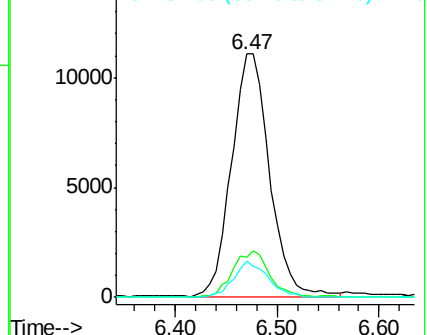
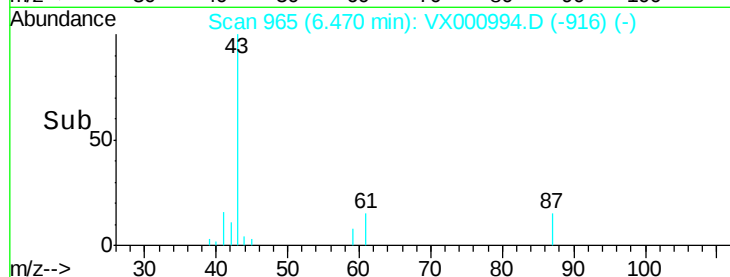
43 100

61 18.3 15.4 23.2

87 13.2 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX000994.D (-916) (-)



#44

Trichloroethene

Concen: 6.00 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000994.D

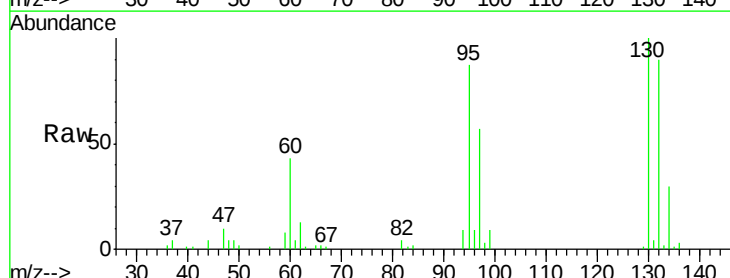
Acq: 19 Apr 2018 17:38

Tgt Ion: 130 Resp: 16047

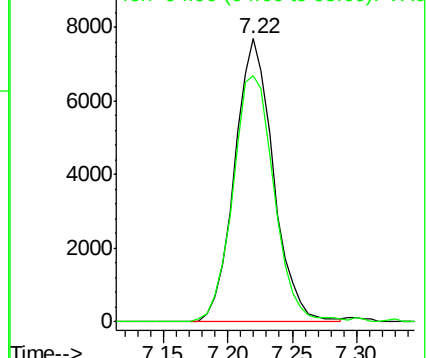
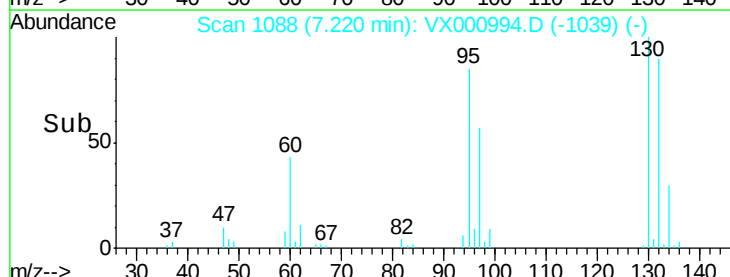
Ion Ratio Lower Upper

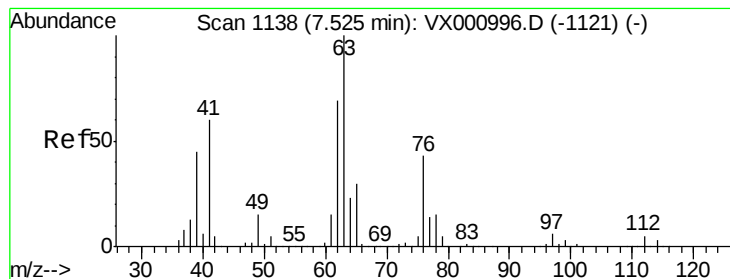
130 100

95 86.9 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VX000994.D (-1039) (-)





#45

1,2-Dichloropropane

Concen: 5.48 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

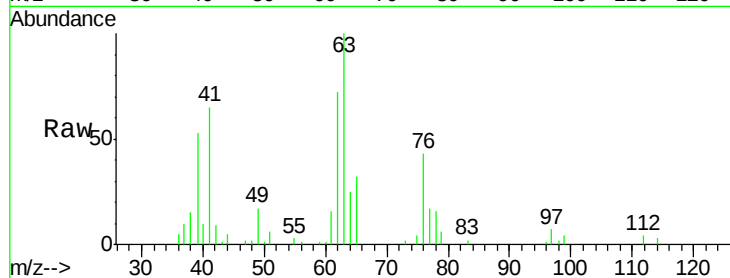
VSTDIC005

Tgt Ion: 63 Resp: 12079

Ion Ratio Lower Upper

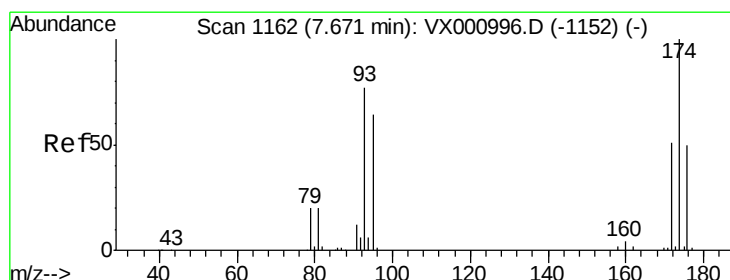
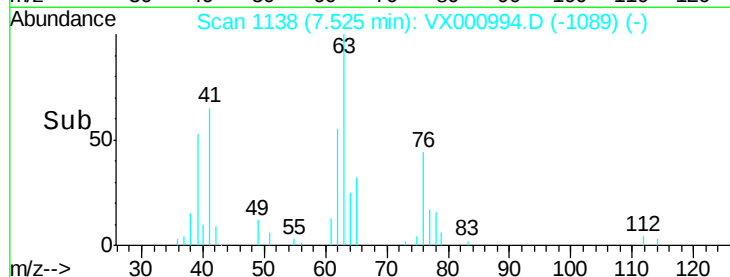
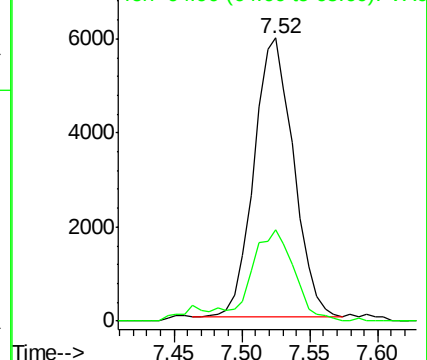
63 100

65 33.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 5.95 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

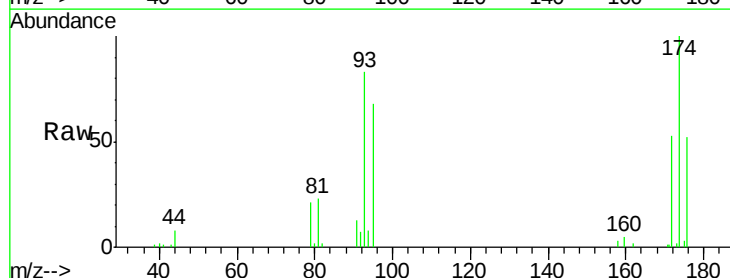
Tgt Ion: 93 Resp: 9044

Ion Ratio Lower Upper

93 100

95 83.2 66.7 100.1

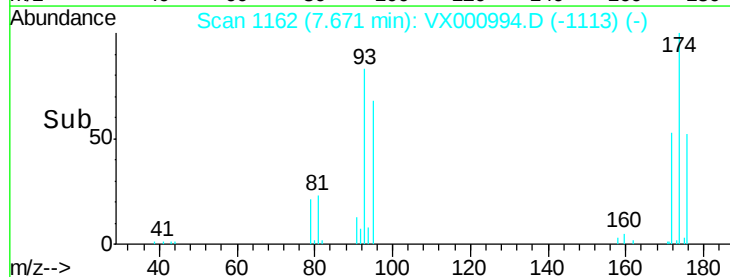
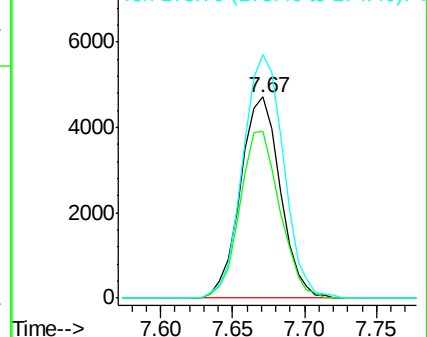
174 123.8 101.8 152.6

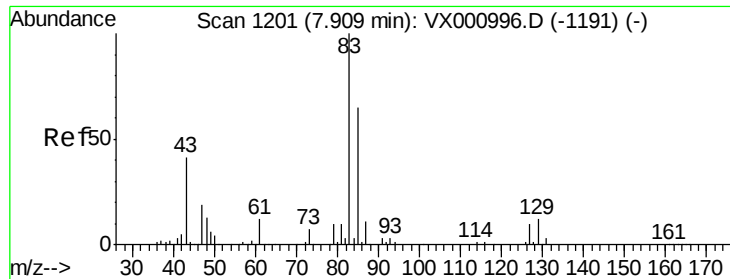


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 5.59 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

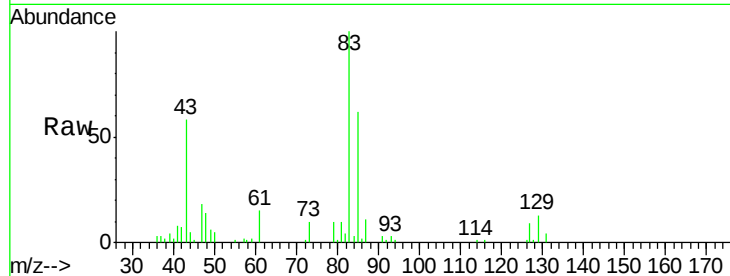
Tgt Ion: 83 Resp: 15750

Ion Ratio Lower Upper

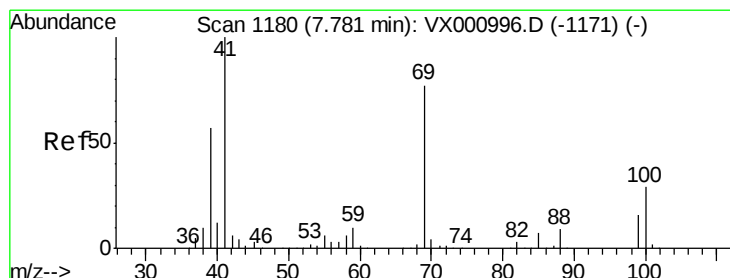
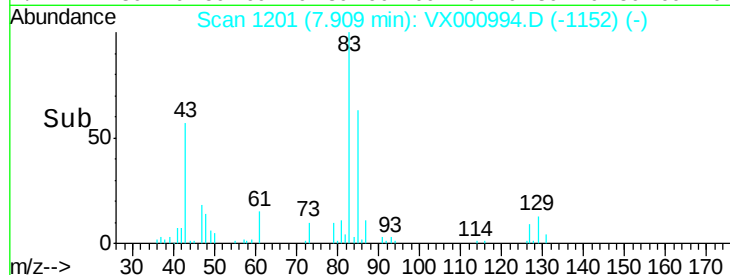
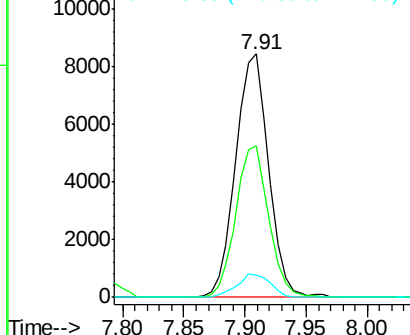
83 100

85 62.1 52.3 78.5

127 9.1 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 5.83 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

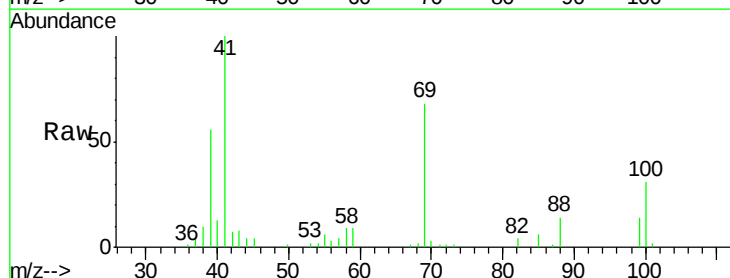
Tgt Ion: 41 Resp: 15695

Ion Ratio Lower Upper

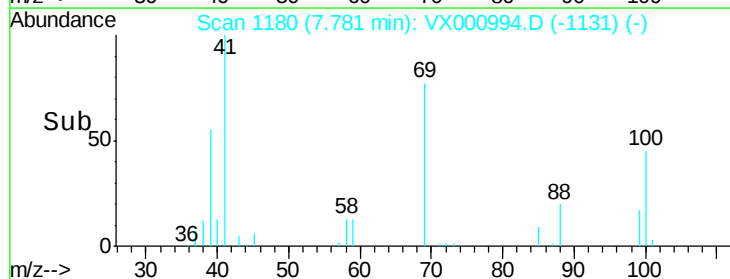
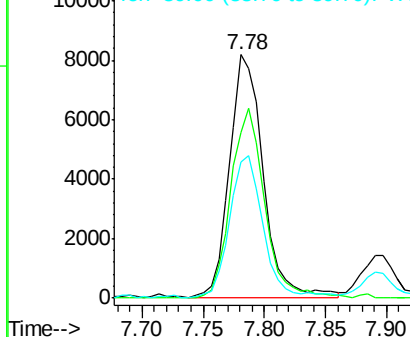
41 100

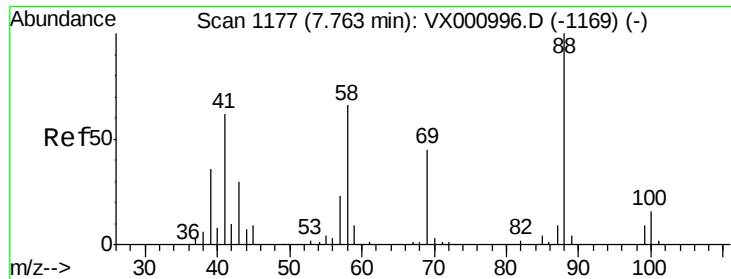
69 77.6 62.6 94.0

39 58.4 45.3 67.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

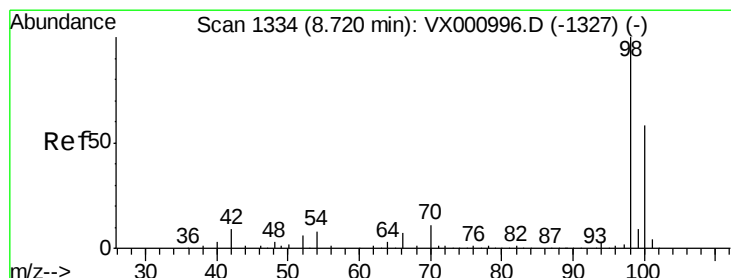
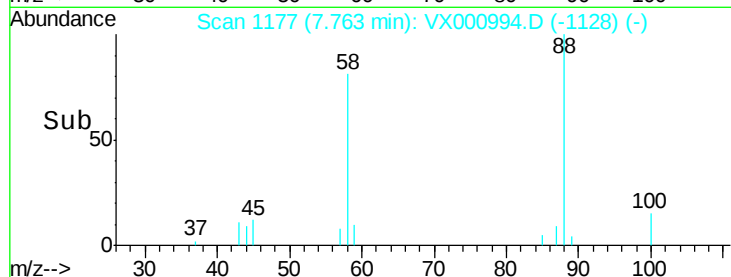
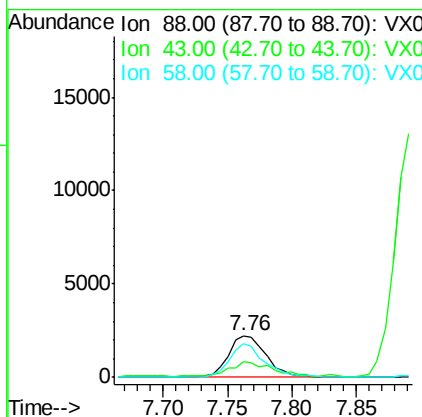
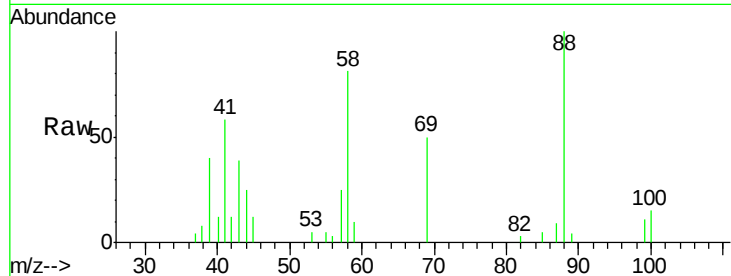




#49
 1,4-Dioxane
 Concen: 124.46 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX000994.D
 Acq: 19 Apr 2018 17:38

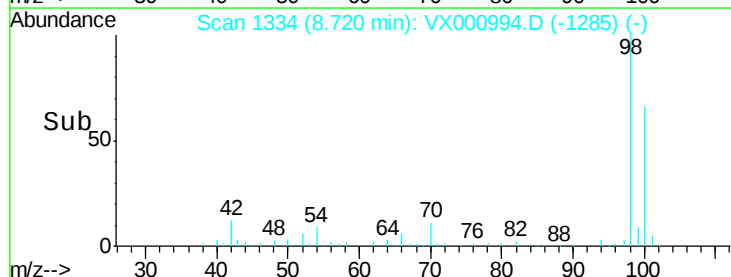
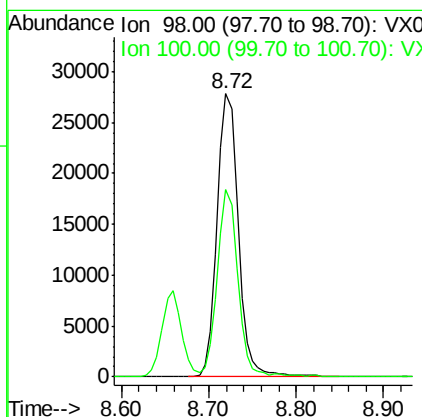
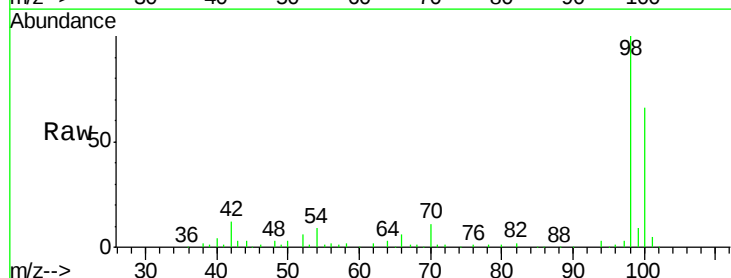
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

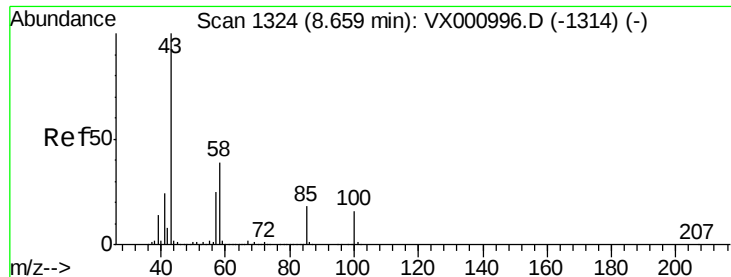
Tgt Ion: 88 Resp: 4561
 Ion Ratio Lower Upper
 88 100
 43 46.5 29.2 43.8#
 58 76.2 55.0 82.6



#50
 Toluene-d8
 Concen: 5.86 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX000994.D
 Acq: 19 Apr 2018 17:38

Tgt Ion: 98 Resp: 47044
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.9 77.9

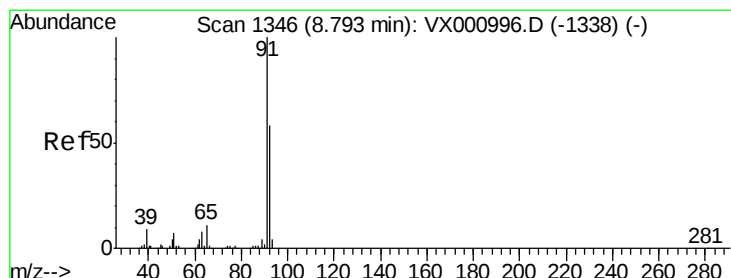
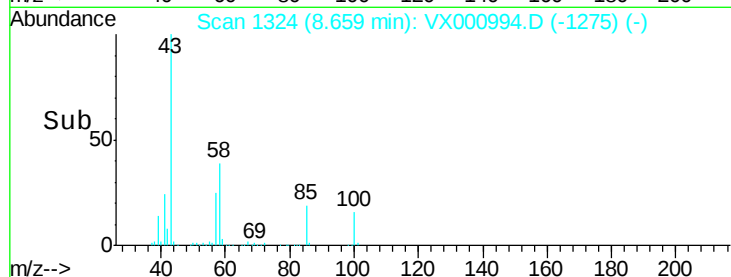
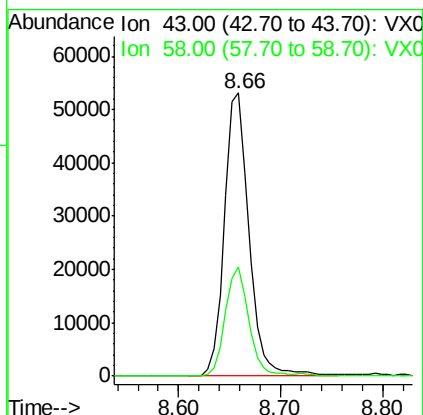
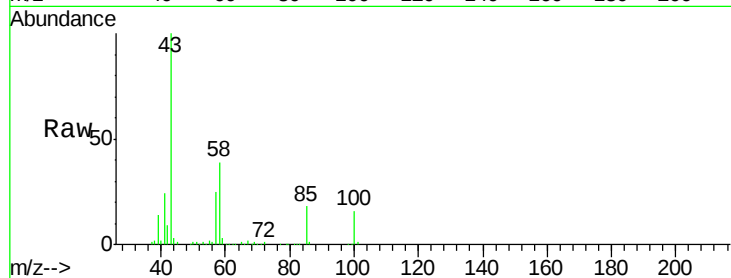




#51
 4-Methyl-2-Pentanone
 Concen: 30.62 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000994.D
 Acq: 19 Apr 2018 17:38

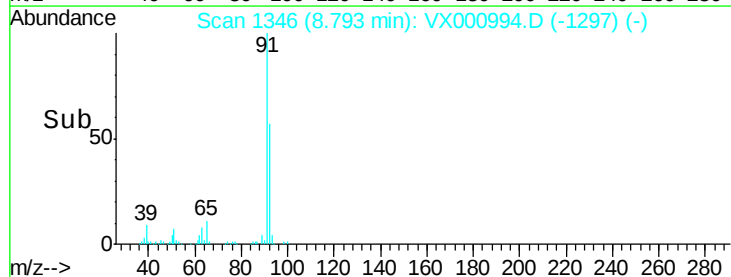
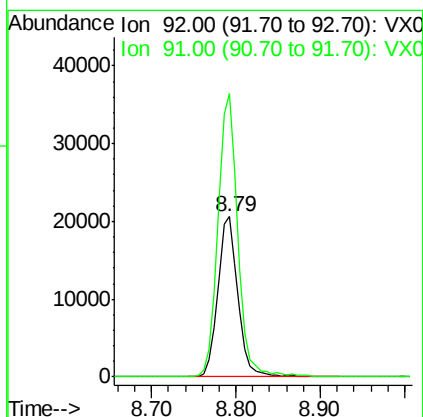
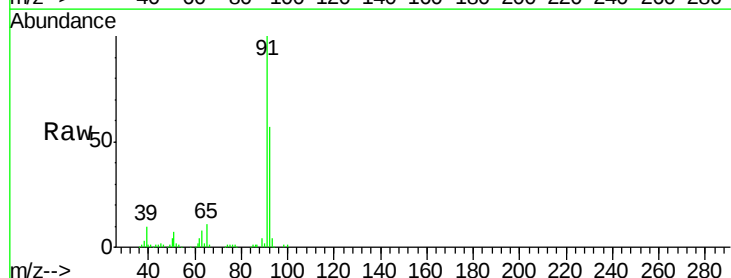
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

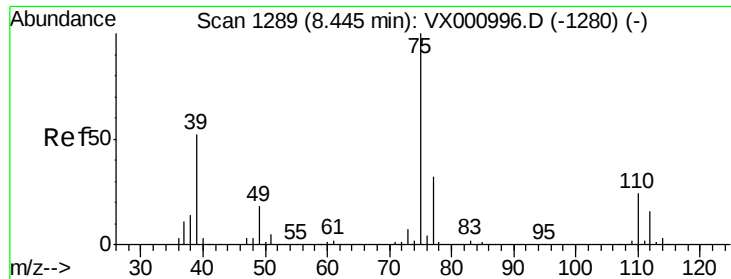
Tgt Ion: 43 Resp: 88971
 Ion Ratio Lower Upper
 43 100
 58 37.6 30.2 45.4



#52
 Toluene
 Concen: 6.13 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000994.D
 Acq: 19 Apr 2018 17:38

Tgt Ion: 92 Resp: 34164
 Ion Ratio Lower Upper
 92 100
 91 174.4 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 5.50 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampled :

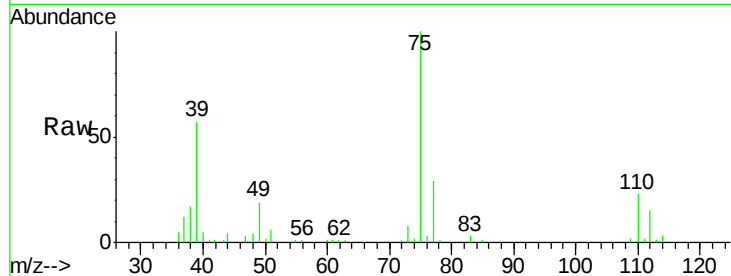
VSTDIC005

Tgt Ion: 75 Resp: 18599

Ion Ratio Lower Upper

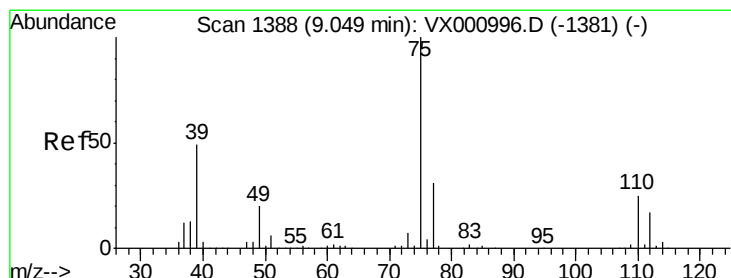
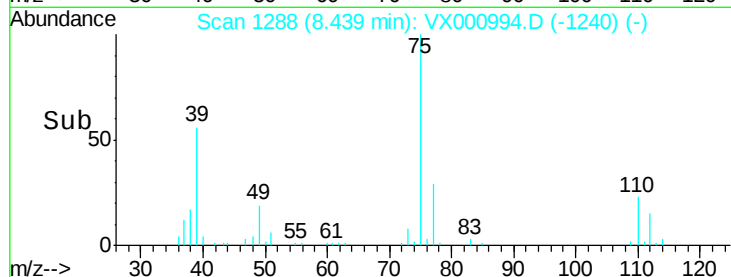
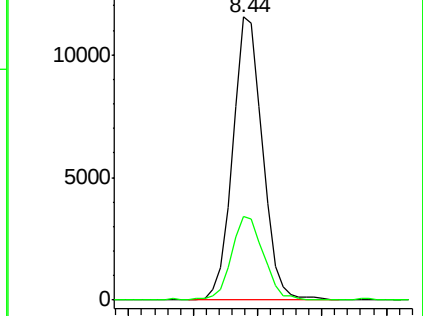
75 100

77 29.5 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 5.15 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

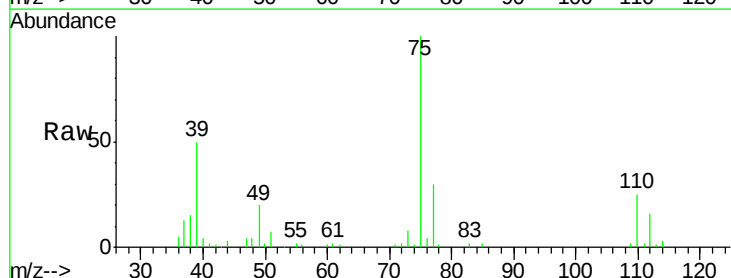
Tgt Ion: 75 Resp: 16601

Ion Ratio Lower Upper

75 100

77 30.3 25.0 37.6

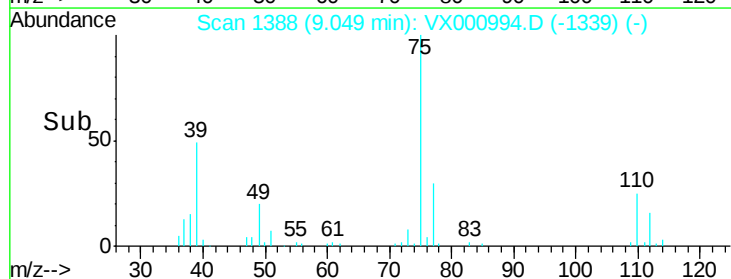
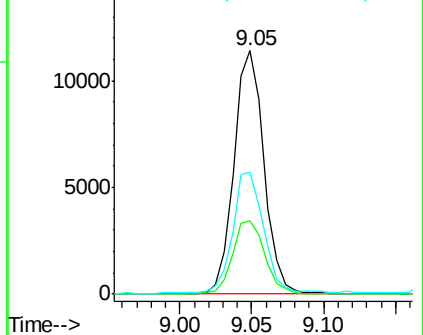
39 49.4 39.2 58.8

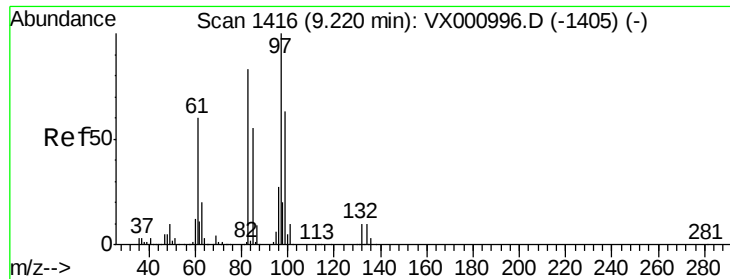


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

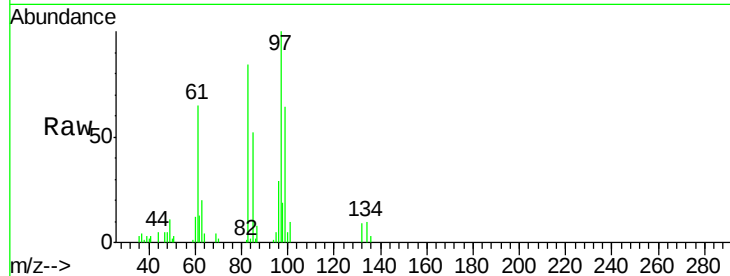




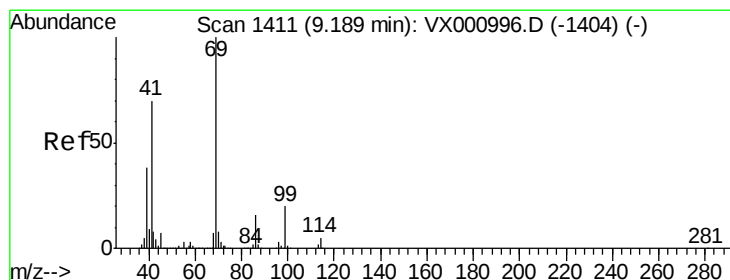
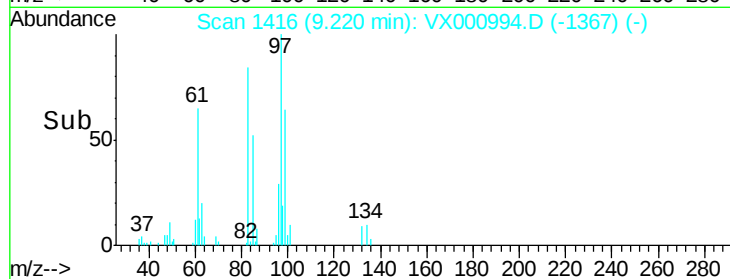
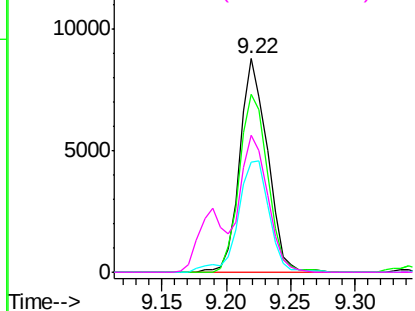
#55
 1,1,2-Trichloroethane
 Concen: 6.04 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX000994.D
 Acq: 19 Apr 2018 17:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	13091
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.2	99.4
85	51.6	44.2	66.4
99	64.4	50.2	75.4

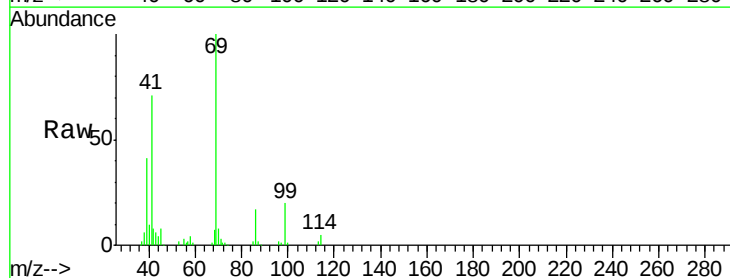


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

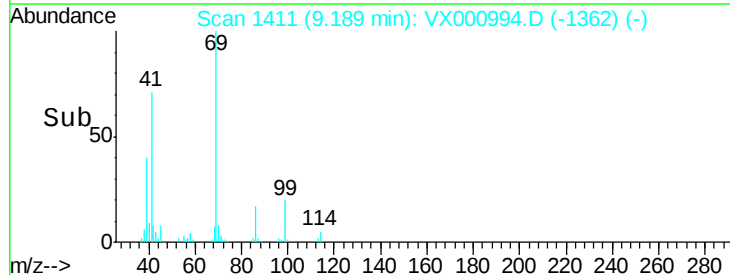
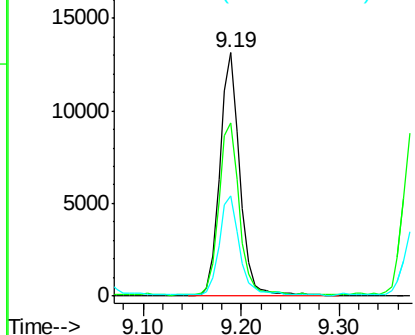


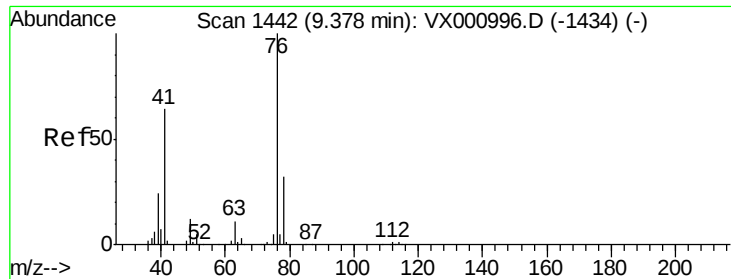
#56
 Ethyl methacrylate
 Concen: 5.68 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000994.D
 Acq: 19 Apr 2018 17:38

Tgt Ion:	69	Resp:	18646
Ion	Ratio	Lower	Upper
69	100		
41	72.1	56.3	84.5
39	40.6	30.4	45.6



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

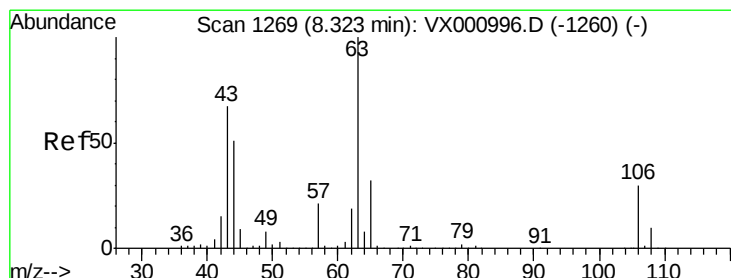
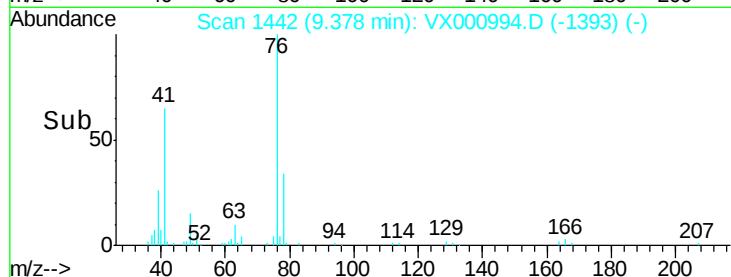
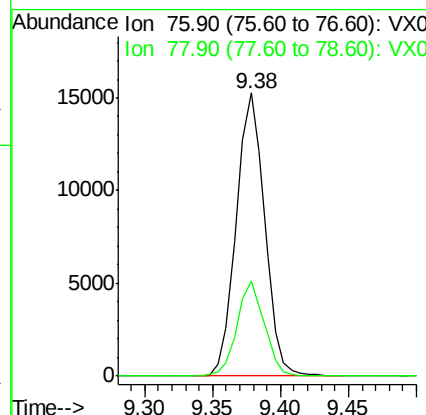
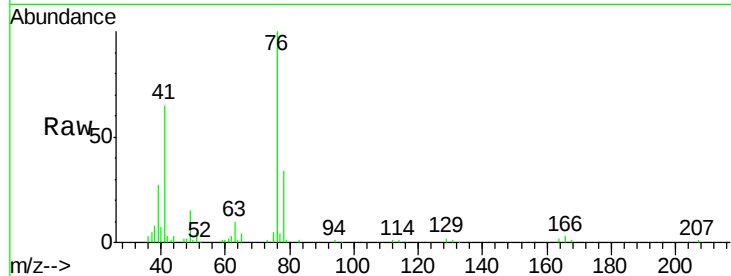




#57
 1,3-Dichloropropane
 Concen: 6.21 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000994.D
 Acq: 19 Apr 2018 17:38

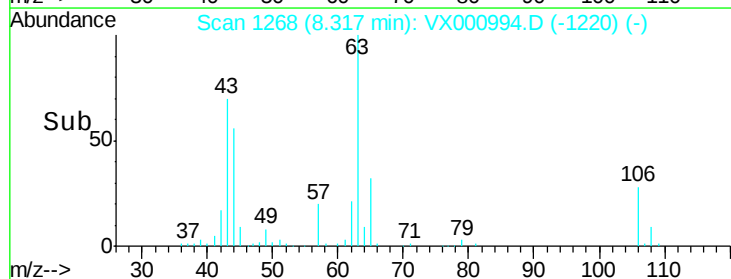
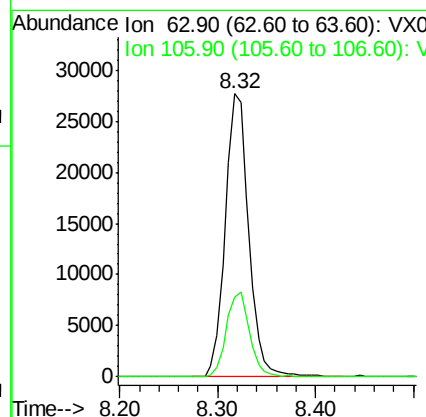
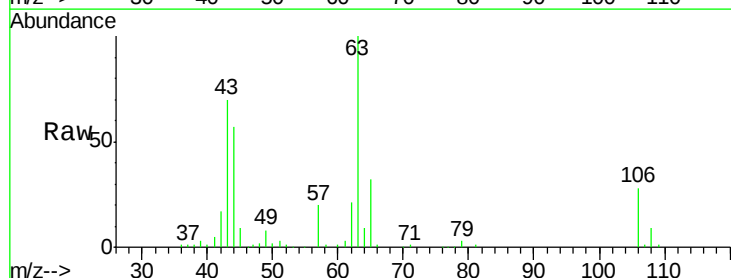
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

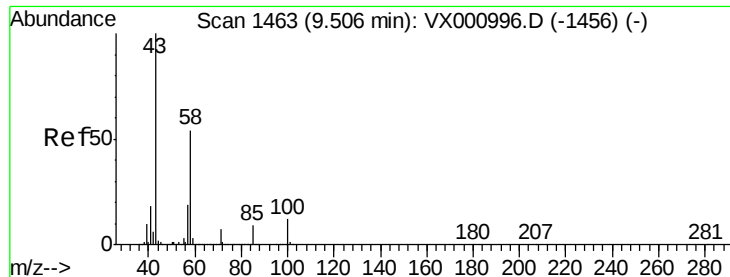
Tgt Ion: 76 Resp: 22233
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 30.88 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000994.D
 Acq: 19 Apr 2018 17:38

Tgt Ion: 63 Resp: 46207
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.6

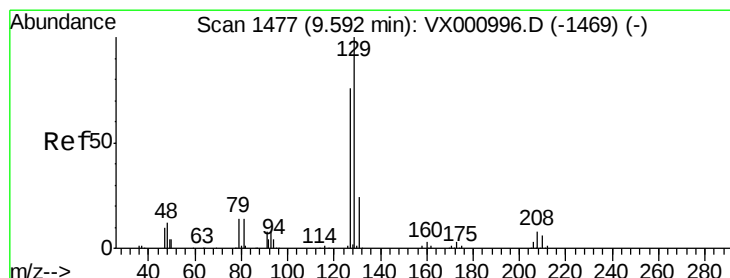
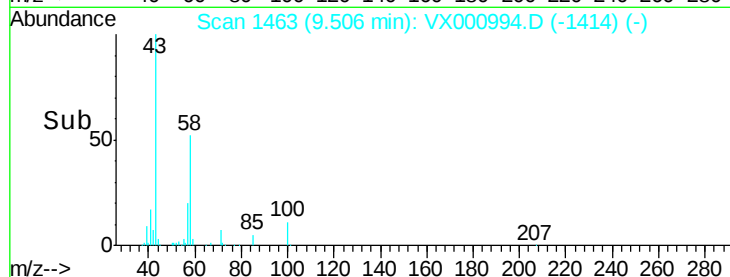
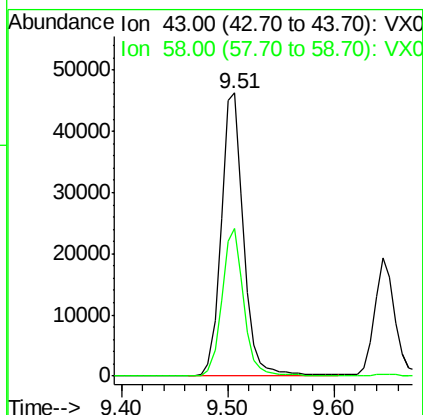
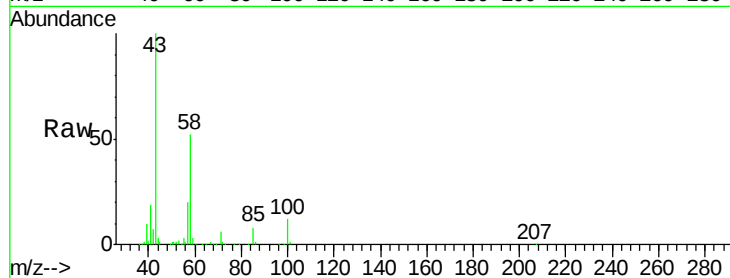




#59
2-Hexanone
Concen: 30.51 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000994.D
Acq: 19 Apr 2018 17:38

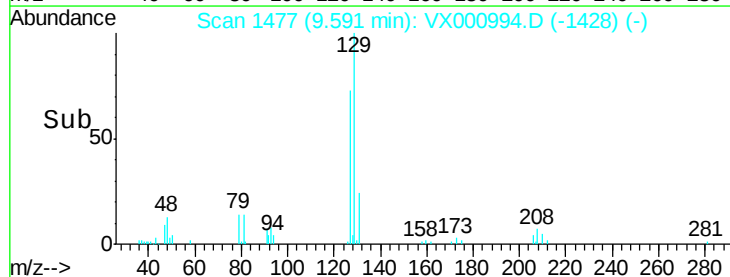
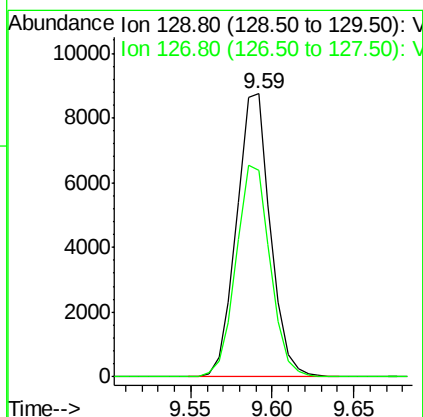
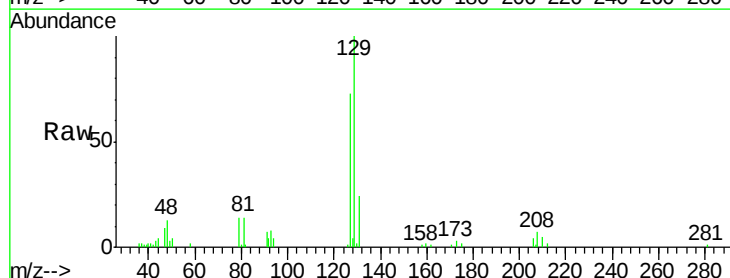
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

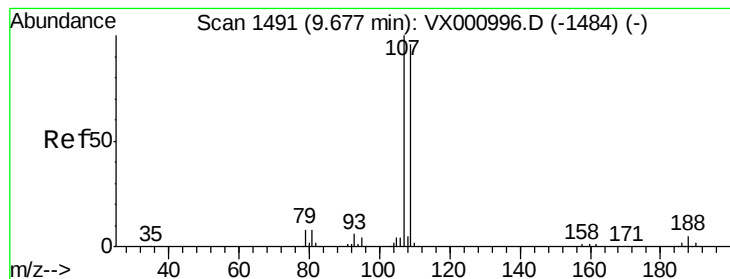
Tgt Ion: 43 Resp: 67986
Ion Ratio Lower Upper
43 100
58 50.6 26.3 78.9



#60
Dibromochloromethane
Concen: 5.29 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000994.D
Acq: 19 Apr 2018 17:38

Tgt Ion: 129 Resp: 12636
Ion Ratio Lower Upper
129 100
127 75.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 5.81 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

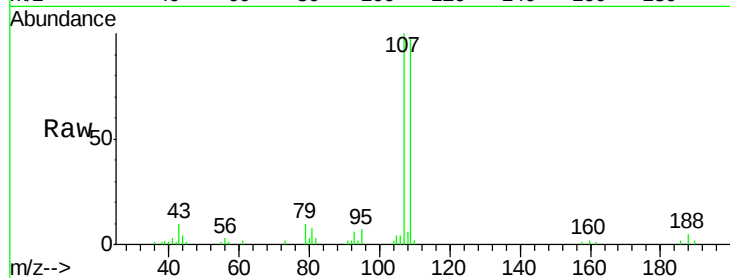
VSTDIC005

Tgt Ion: 107 Resp: 13595

Ion Ratio Lower Upper

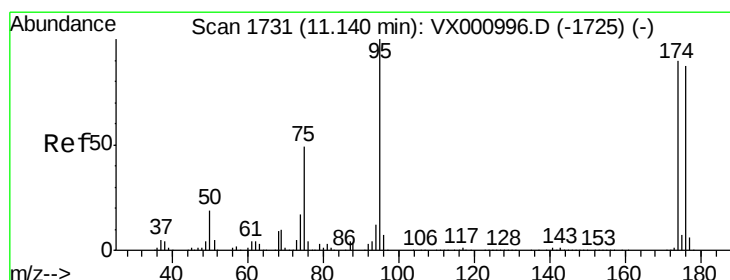
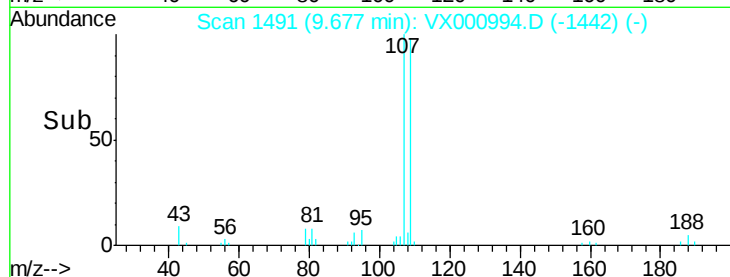
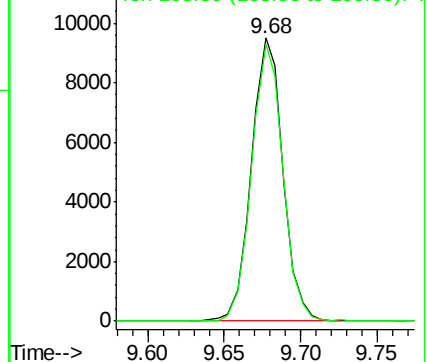
107 100

109 96.7 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.93 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

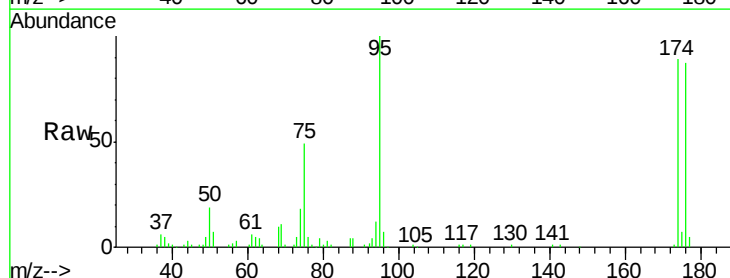
Tgt Ion: 95 Resp: 19679

Ion Ratio Lower Upper

95 100

174 94.0 0.0 198.4

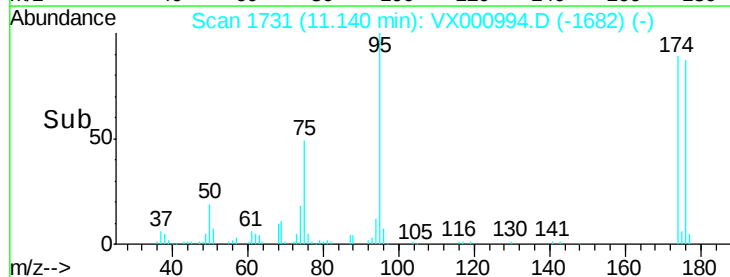
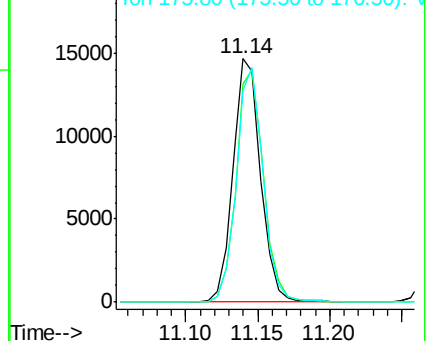
176 92.8 0.0 192.0

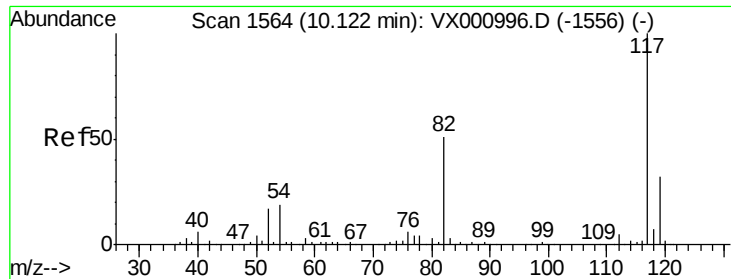


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

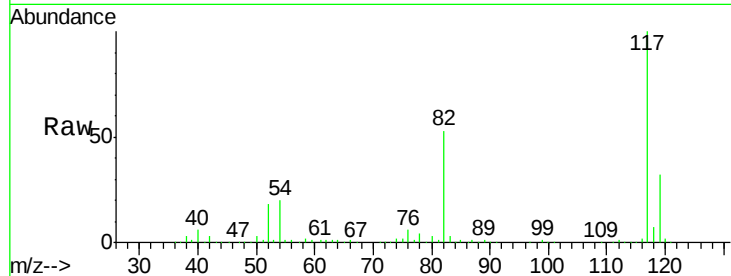
Tgt Ion:117 Resp: 303414

Ion Ratio Lower Upper

117 100

82 52.9 40.6 60.8

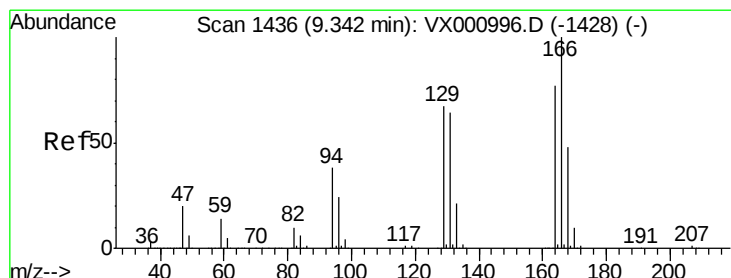
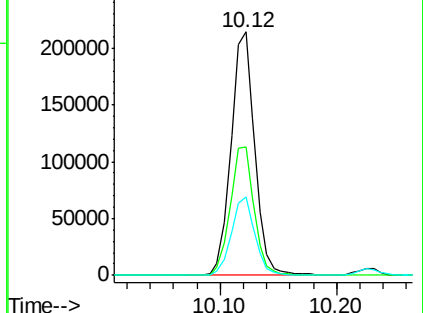
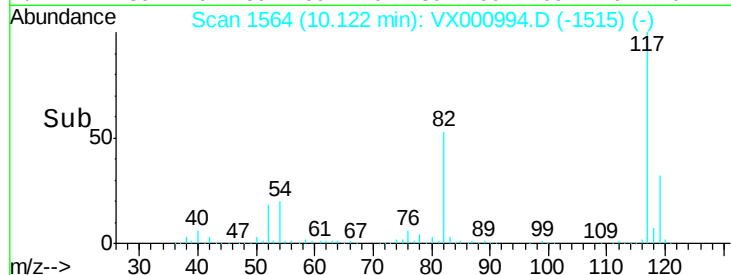
119 32.1 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 6.07 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Tgt Ion:164 Resp: 16335

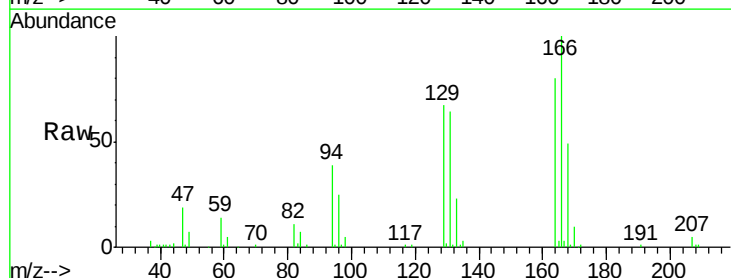
Ion Ratio Lower Upper

164 100

166 125.3 103.5 155.3

129 84.0 69.6 104.4

131 79.8 65.8 98.8

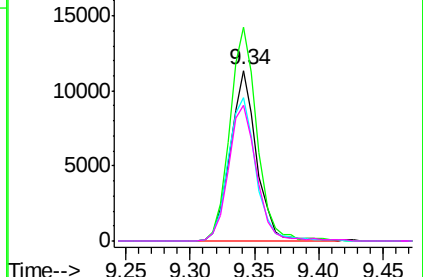
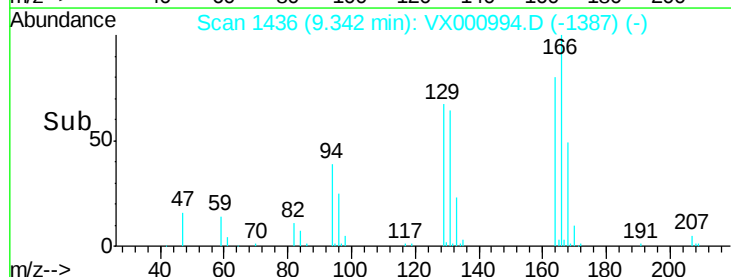


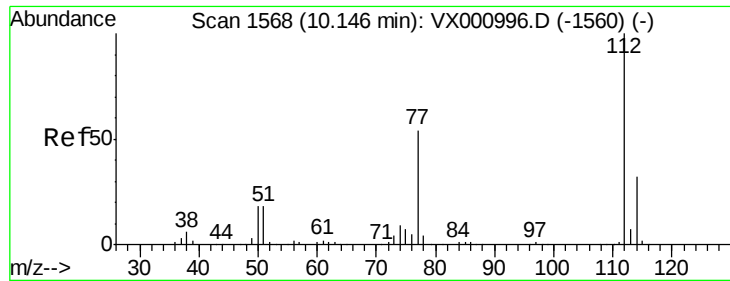
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

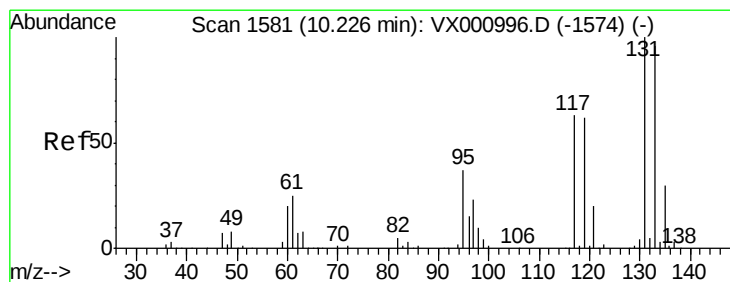
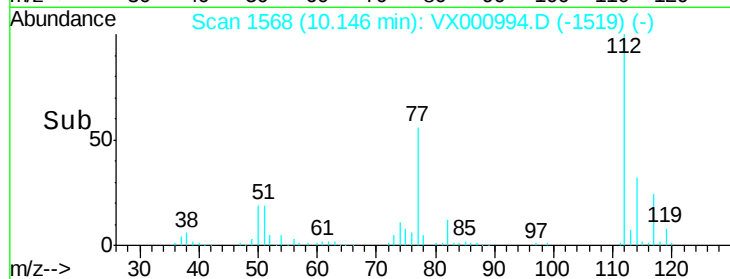
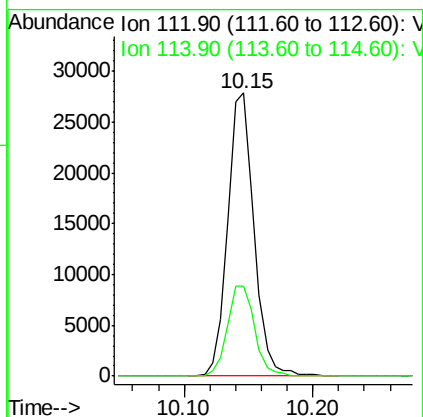
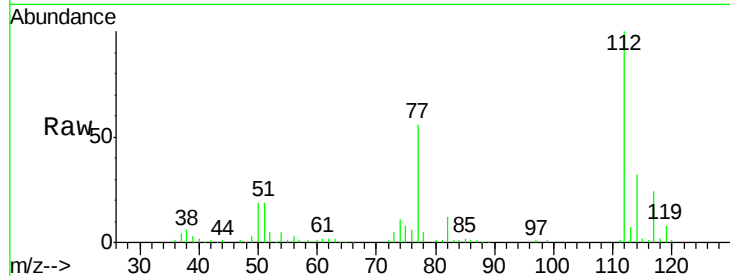




#65
Chlorobenzene
Concen: 6.01 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000994.D
Acq: 19 Apr 2018 17:38

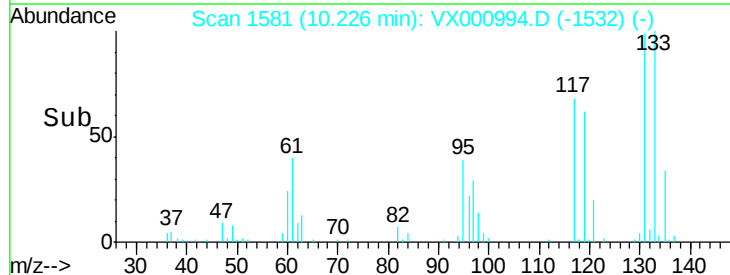
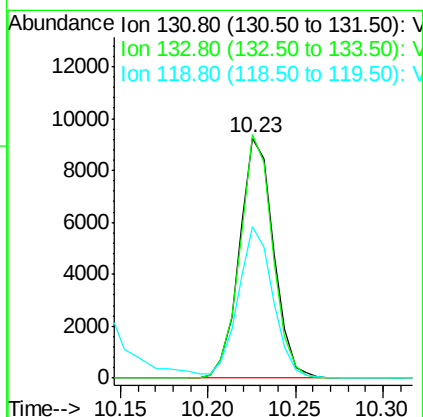
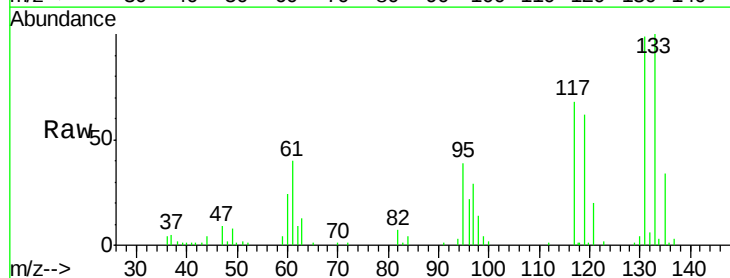
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

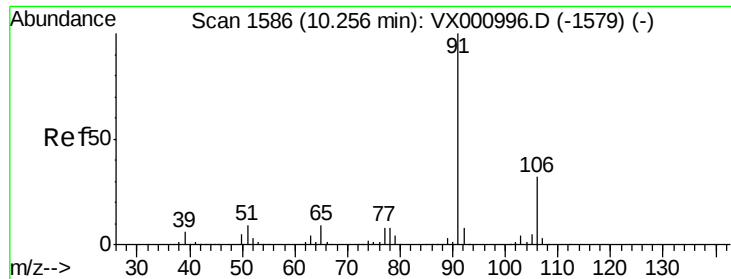
Tgt Ion:112 Resp: 40017
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 5.42 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000994.D
Acq: 19 Apr 2018 17:38

Tgt Ion:131 Resp: 12539
Ion Ratio Lower Upper
131 100
133 96.9 47.6 142.8
119 64.1 31.1 93.2





#67

Ethyl Benzene

Concen: 6.09 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

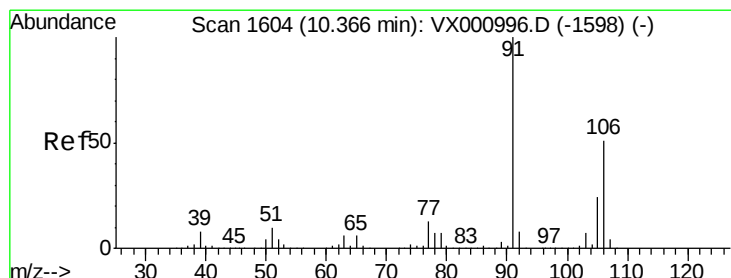
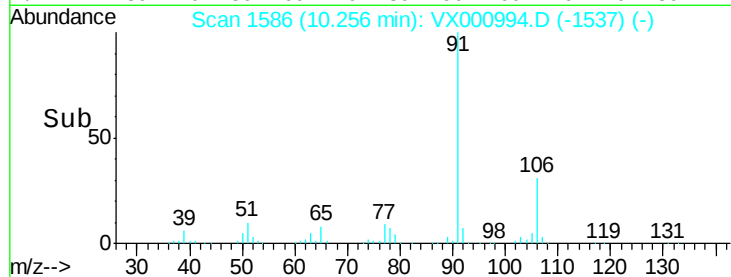
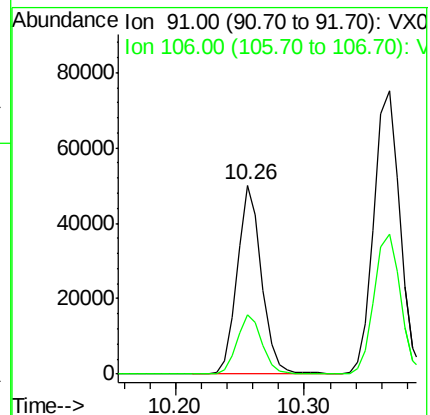
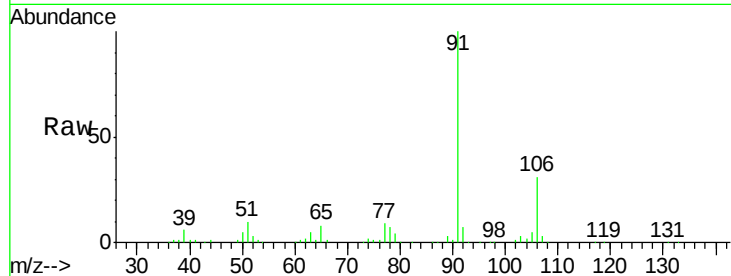
VSTDIC005

Tgt Ion: 91 Resp: 66466

Ion Ratio Lower Upper

91 100

106 31.4 25.7 38.5



#68

m/p-Xylenes

Concen: 12.18 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000994.D

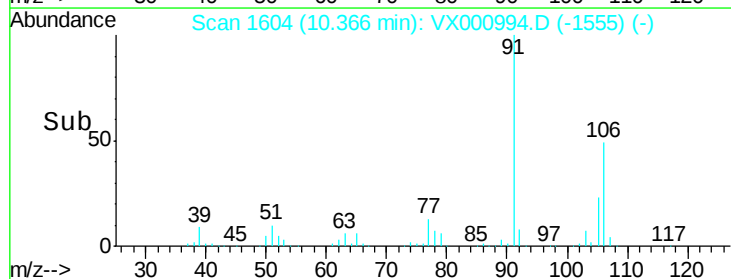
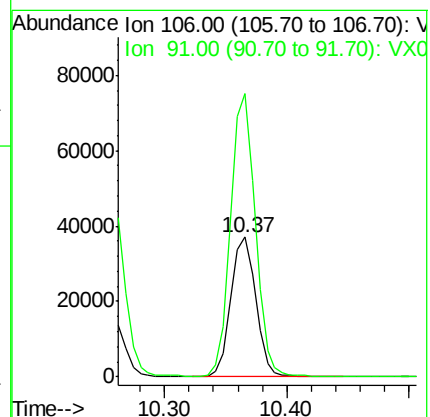
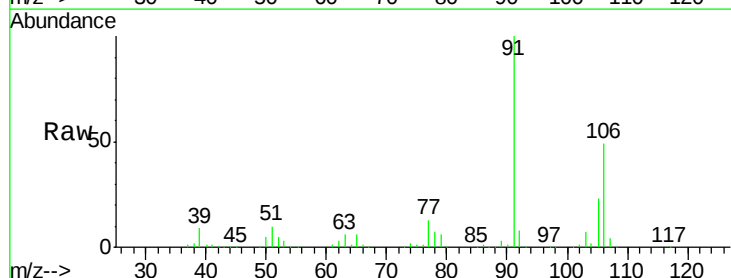
Acq: 19 Apr 2018 17:38

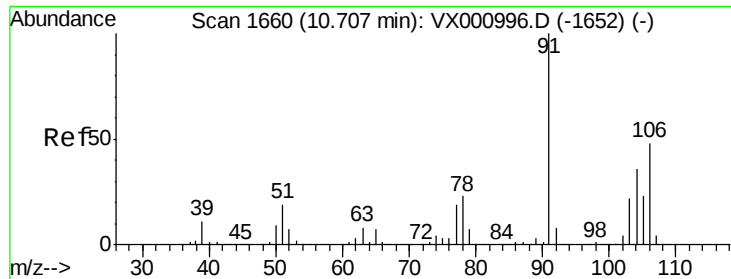
Tgt Ion: 106 Resp: 52692

Ion Ratio Lower Upper

106 100

91 200.1 159.3 238.9

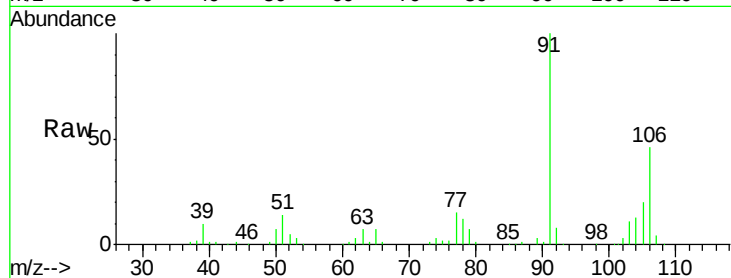




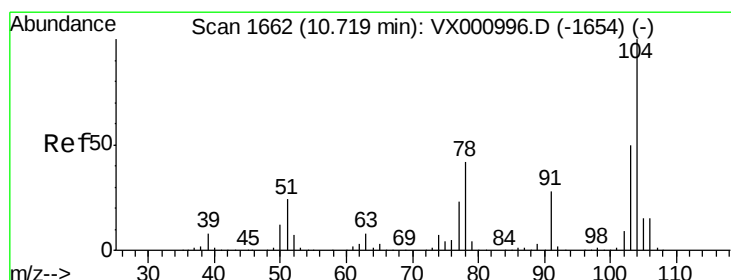
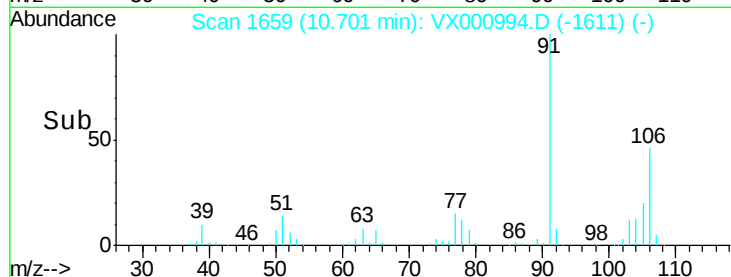
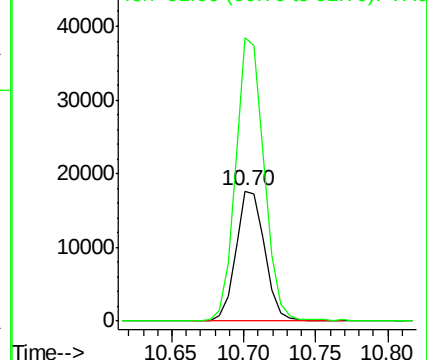
#69
o-Xylene
Concen: 5.87 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX000994.D
Acq: 19 Apr 2018 17:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 24721
Ion Ratio Lower Upper
106 100
91 215.2 105.1 315.1

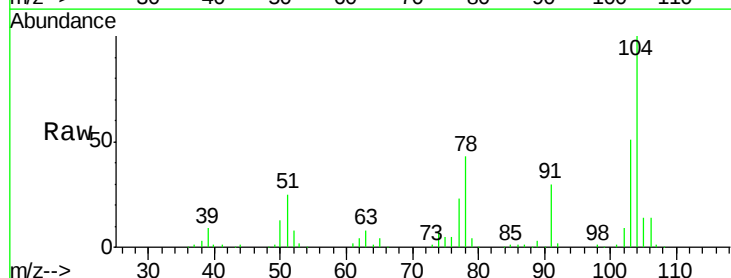


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

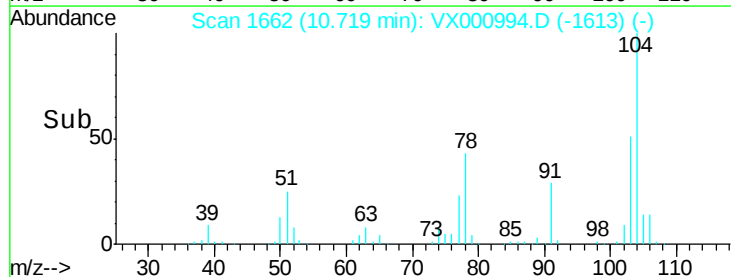
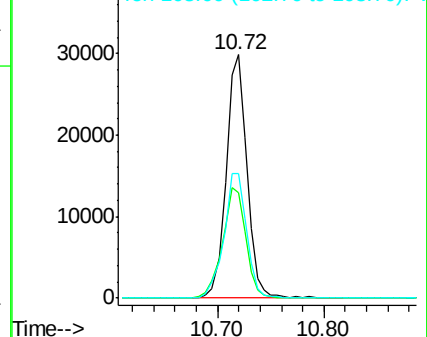


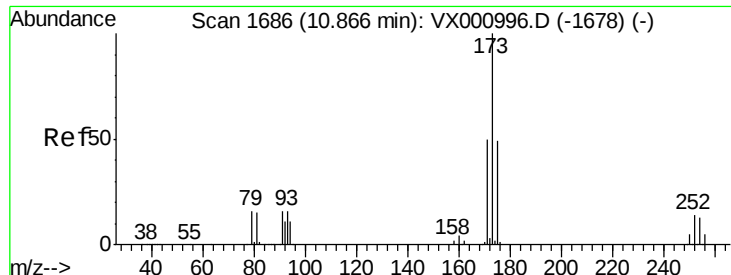
#70
Styrene
Concen: 5.84 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000994.D
Acq: 19 Apr 2018 17:38

Tgt Ion:104 Resp: 40685
Ion Ratio Lower Upper
104 100
78 50.6 39.4 59.2
103 55.8 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.47 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

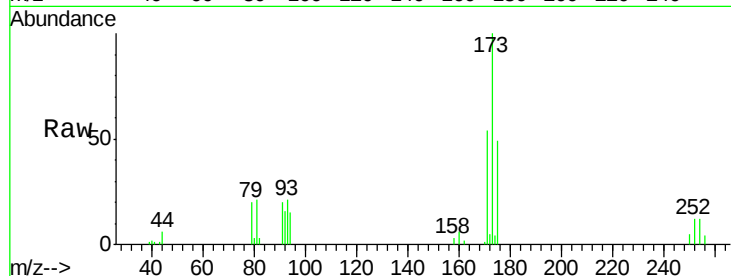
Tgt Ion:173 Resp: 8887

Ion Ratio Lower Upper

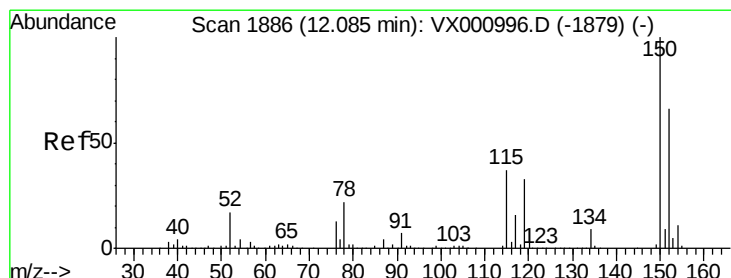
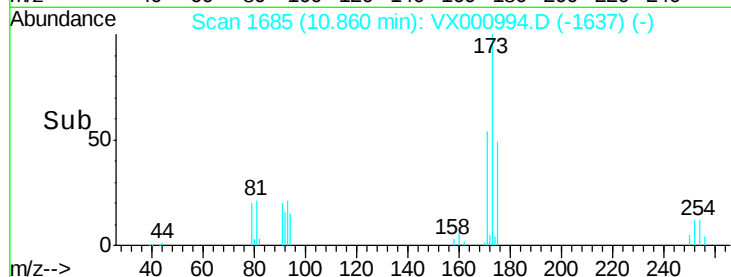
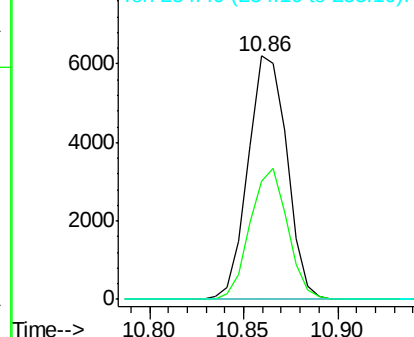
173 100

175 51.6 24.8 74.3

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

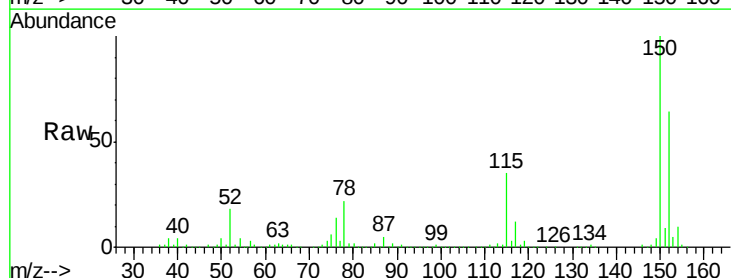
Tgt Ion:152 Resp: 207374

Ion Ratio Lower Upper

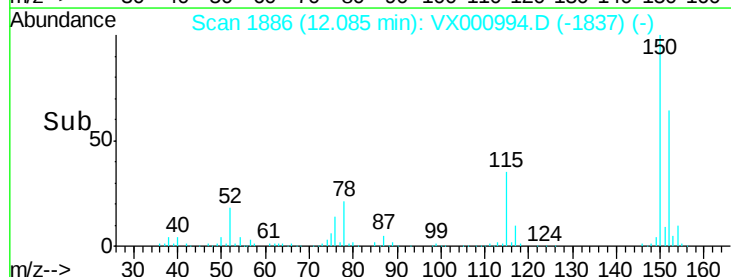
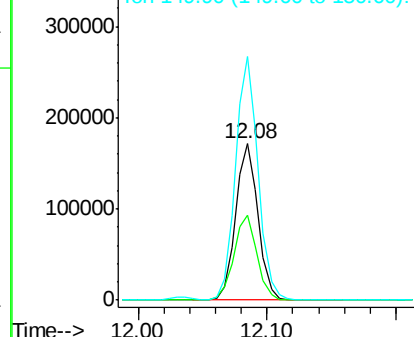
152 100

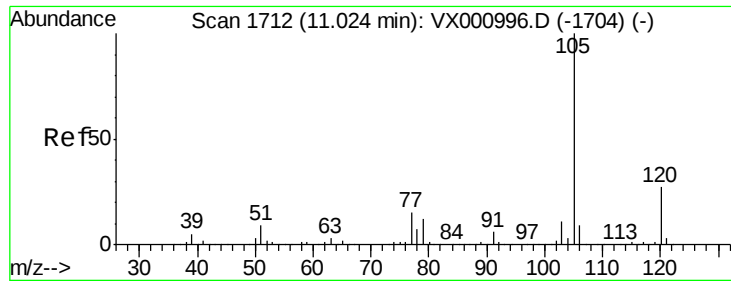
115 56.3 38.2 114.6

150 157.7 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 6.00 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

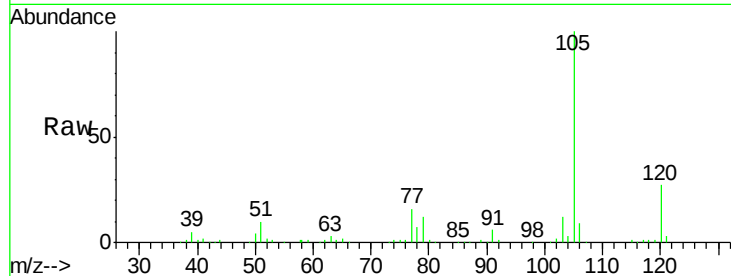
VSTDIC005

Tgt Ion: 105 Resp: 68412

Ion Ratio Lower Upper

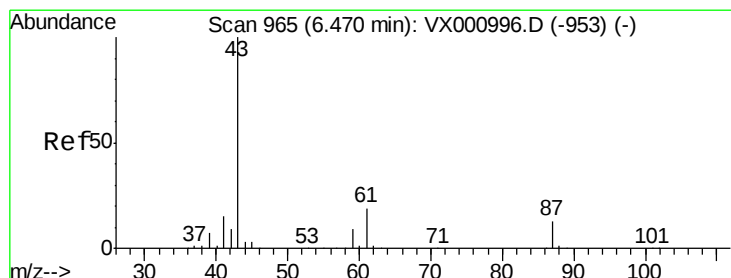
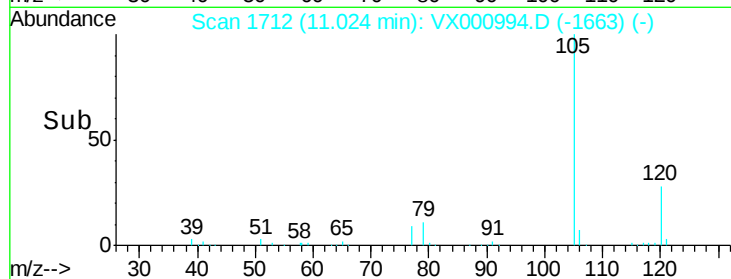
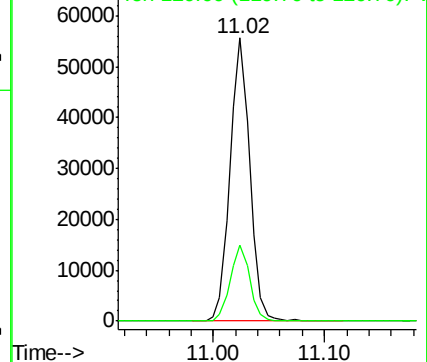
105 100

120 26.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 6.06 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Tgt Ion: 43 Resp: 28864

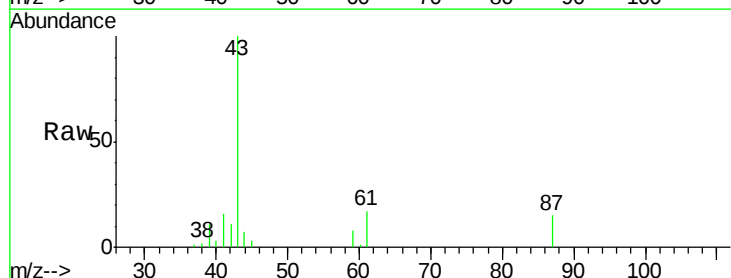
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.3 15.4 23.2

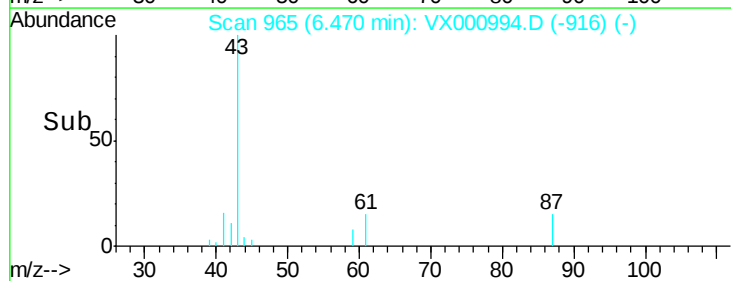
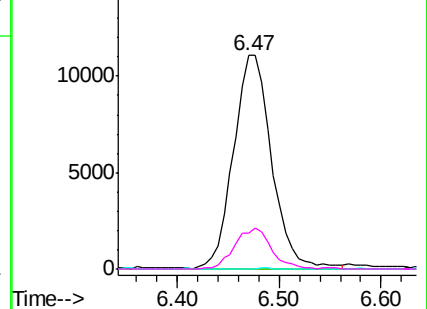


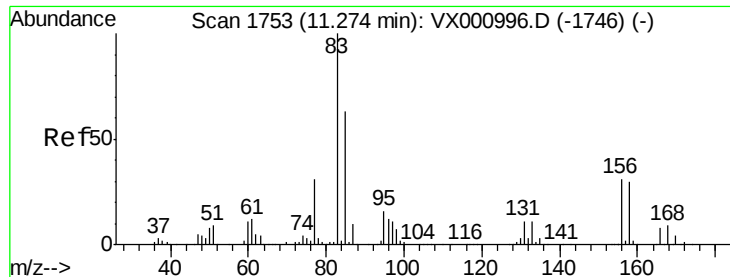
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.81 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

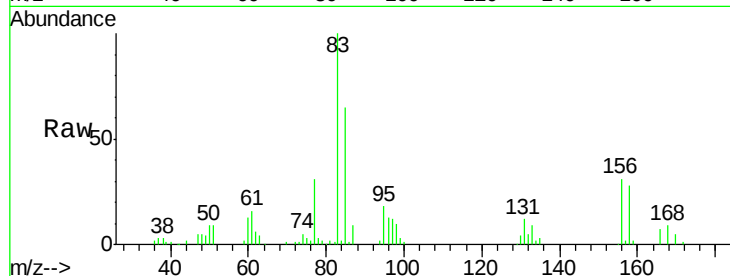
Tgt Ion: 83 Resp: 18695

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

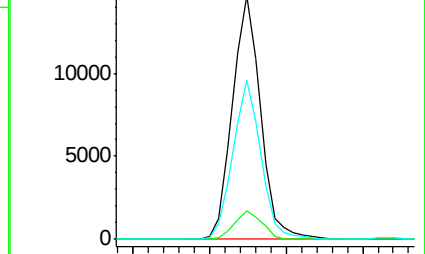
85 64.9 32.0 96.2



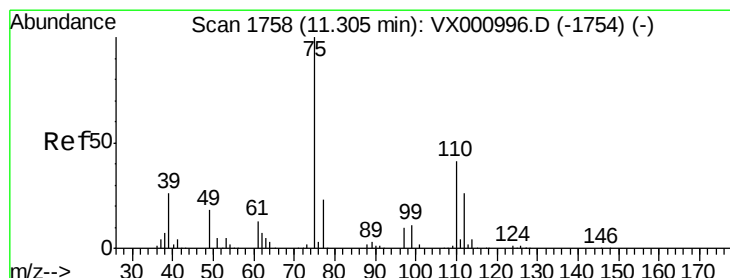
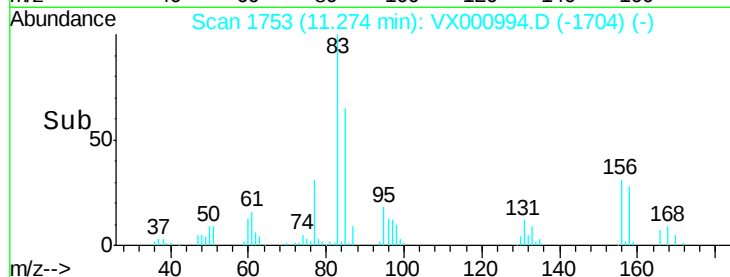
Abundance Ion 82.90 (82.60 to 83.60): VX000994.D (-1746) (-)

Ion 130.80 (130.50 to 131.50): VX000994.D (-1746) (-)

Ion 84.90 (84.60 to 85.60): VX000994.D (-1746) (-)



Time--> 11.20 11.25 11.30 11.35



#76

1,2,3-Trichloropropane

Concen: 5.96 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX000994.D

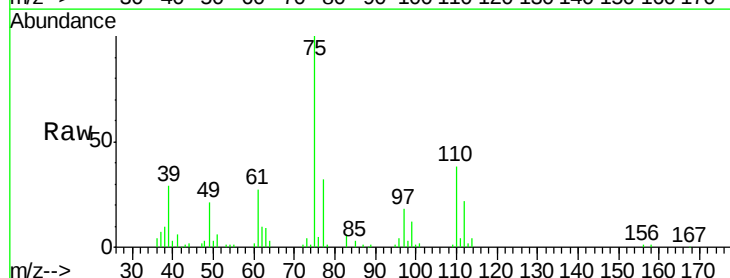
Acq: 19 Apr 2018 17:38

Tgt Ion: 75 Resp: 21093

Ion Ratio Lower Upper

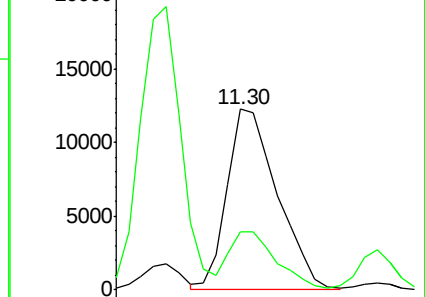
75 100

77 30.4 19.6 58.7

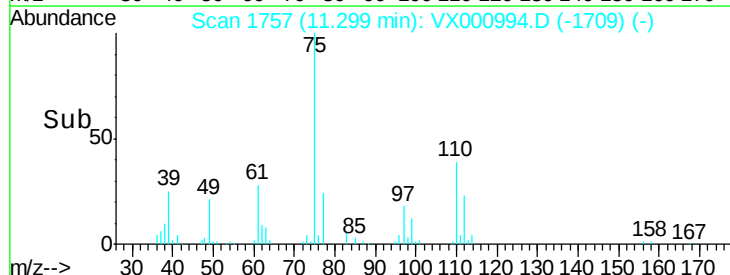


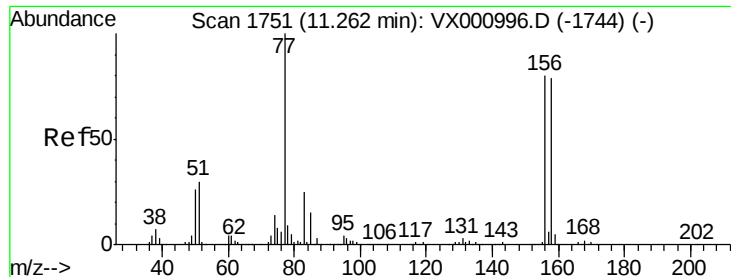
Abundance Ion 74.90 (74.60 to 75.60): VX000994.D (-1709) (-)

Ion 77.00 (76.70 to 77.70): VX000994.D (-1709) (-)



Time--> 11.25 11.30 11.35





#77

Bromobenzene

Concen: 5.80 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

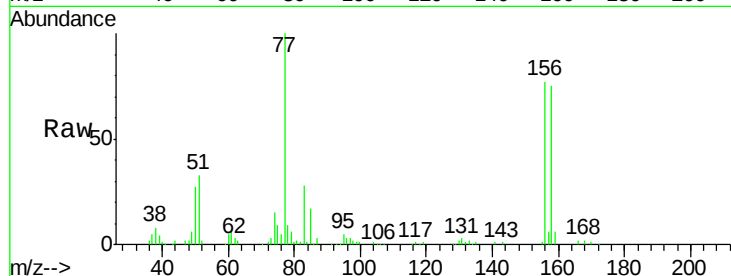
Tgt Ion:156 Resp: 19335

Ion Ratio Lower Upper

156 100

77 138.0 66.3 199.0

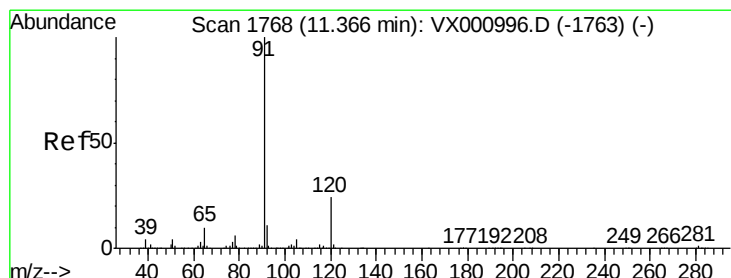
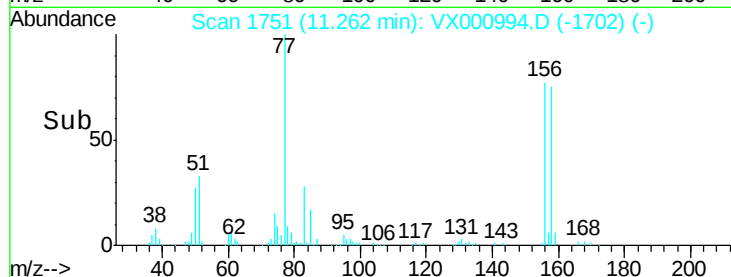
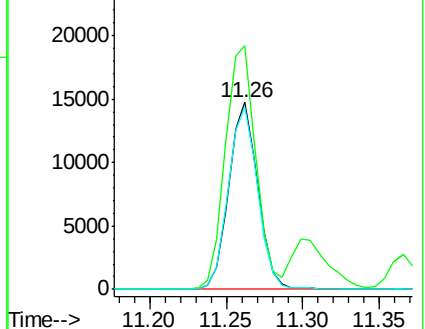
158 98.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.98 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000994.D

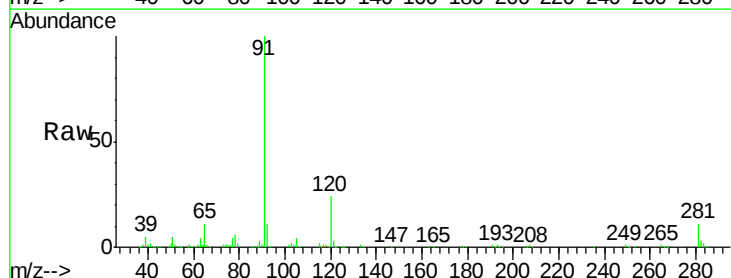
Acq: 19 Apr 2018 17:38

Tgt Ion: 91 Resp: 78791

Ion Ratio Lower Upper

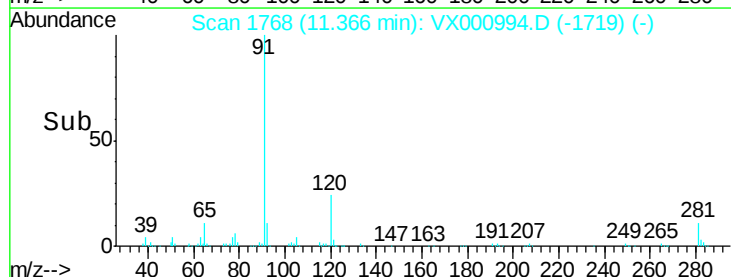
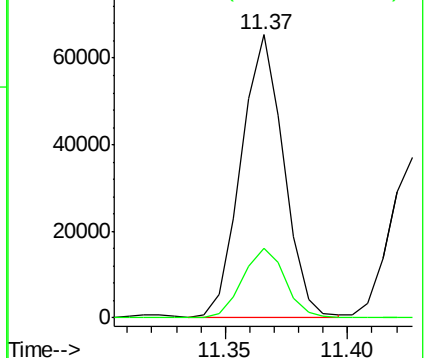
91 100

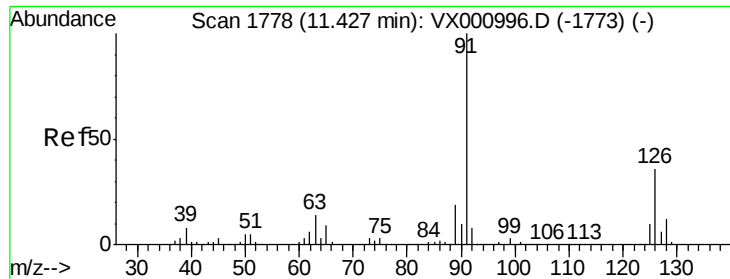
120 24.8 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.97 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

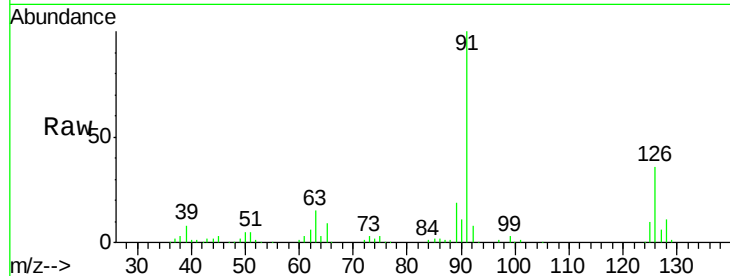
VSTDIC005

Tgt Ion: 91 Resp: 46602

Ion Ratio Lower Upper

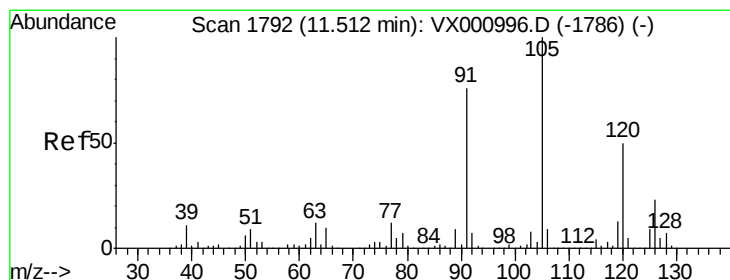
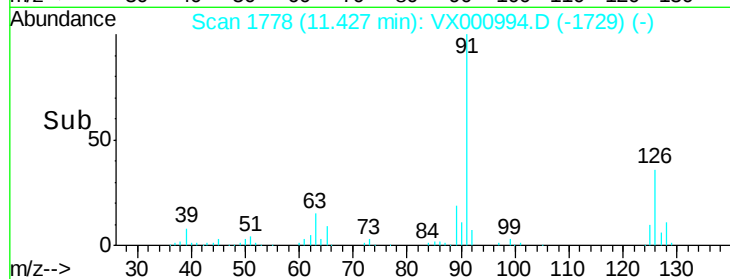
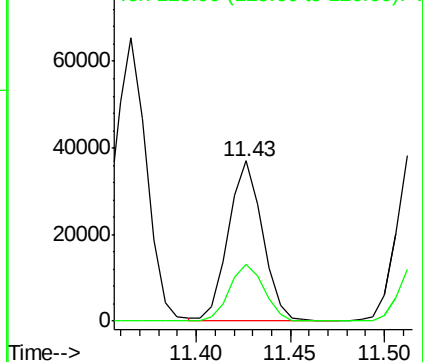
91 100

126 36.1 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 5.98 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000994.D

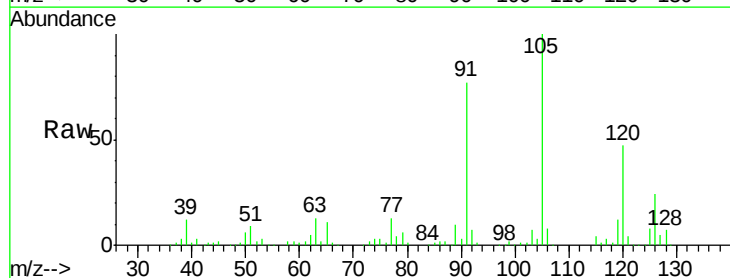
Acq: 19 Apr 2018 17:38

Tgt Ion: 105 Resp: 57904

Ion Ratio Lower Upper

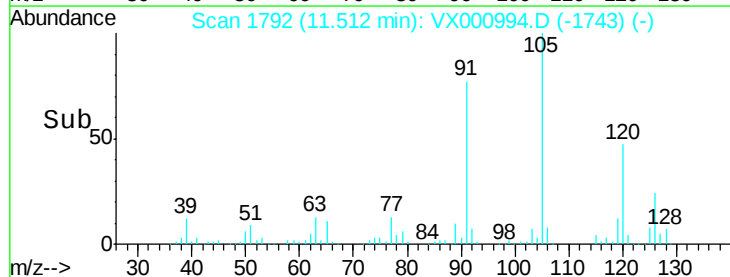
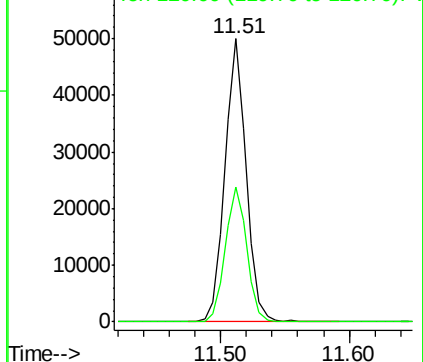
105 100

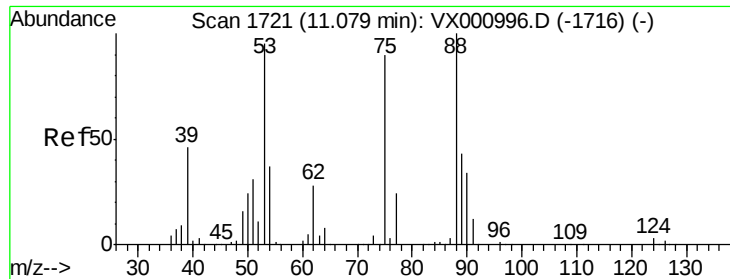
120 48.4 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.27 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

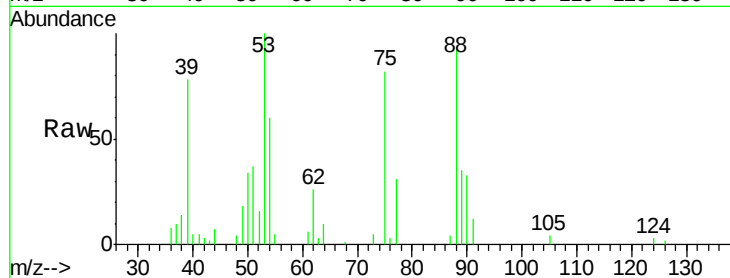
Tgt Ion: 75 Resp: 3844

Ion Ratio Lower Upper

75 100

53 132.0 83.4 125.2#

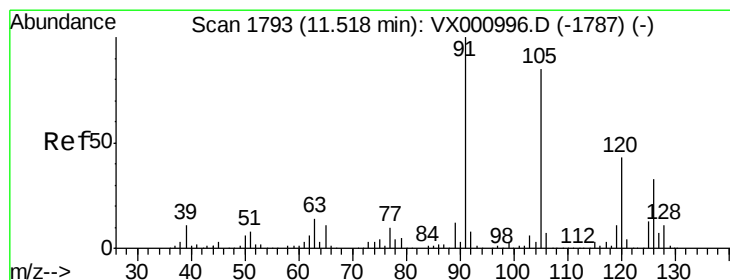
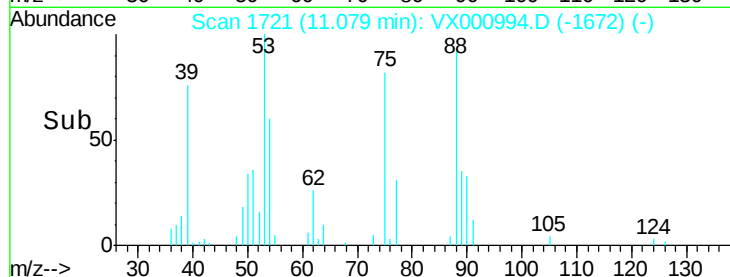
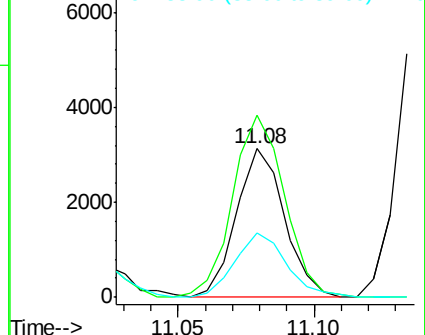
89 46.7 39.7 59.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 5.93 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000994.D

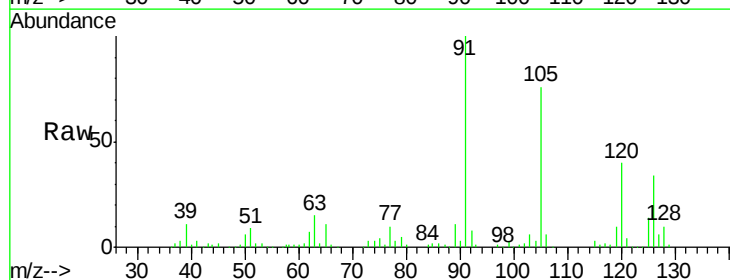
Acq: 19 Apr 2018 17:38

Tgt Ion: 91 Resp: 55686

Ion Ratio Lower Upper

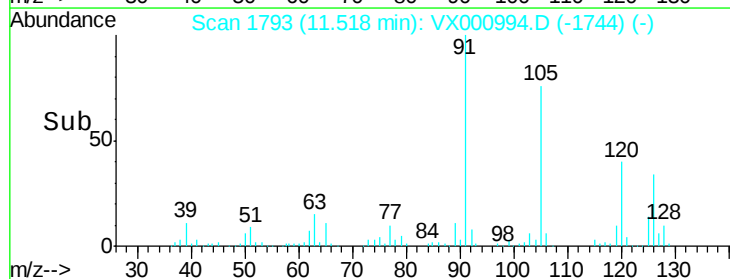
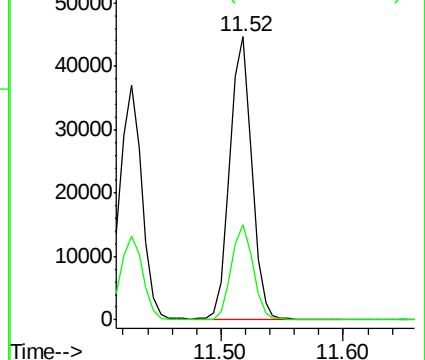
91 100

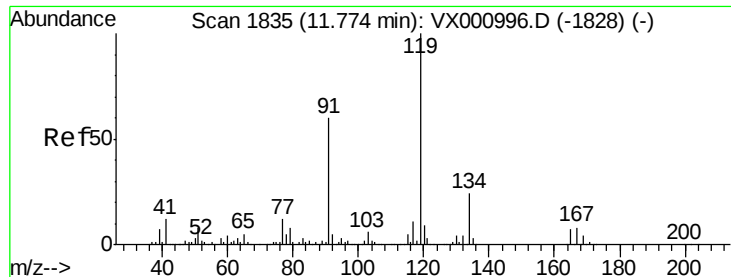
126 33.1 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

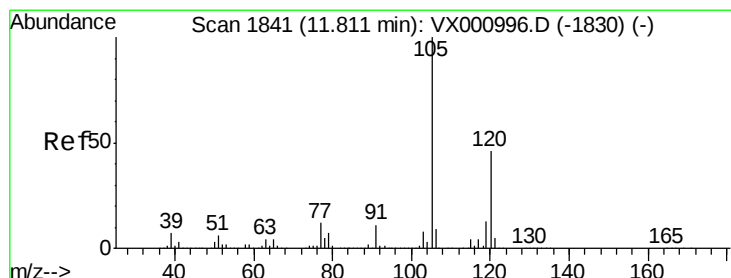
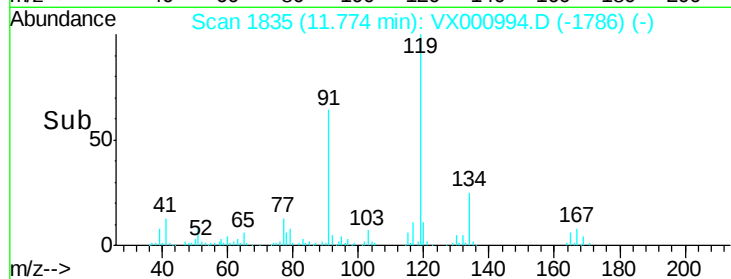
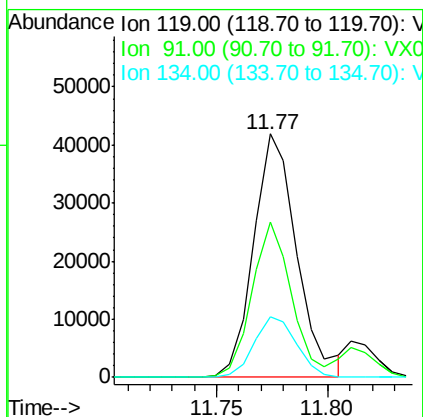
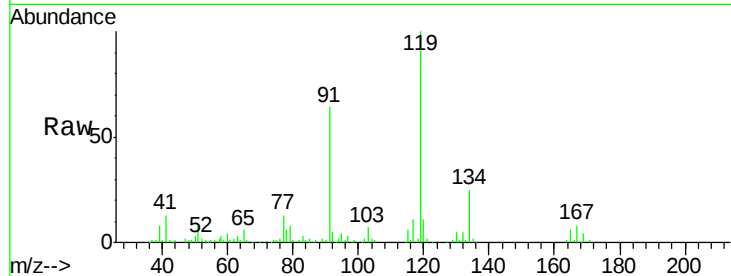




#83
 tert-Butylbenzene
 Concen: 5.70 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000994.D
 Acq: 19 Apr 2018 17:38

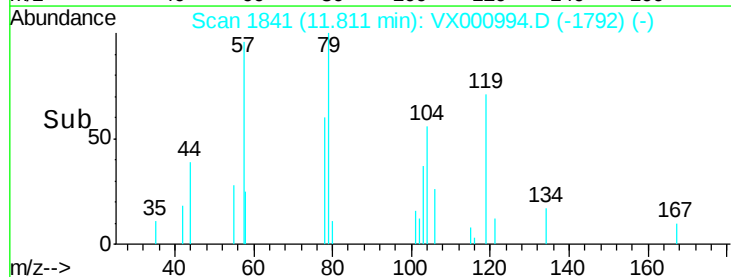
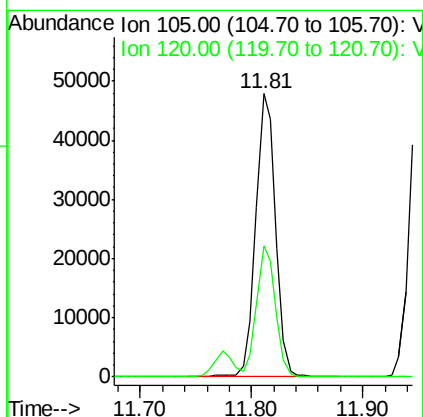
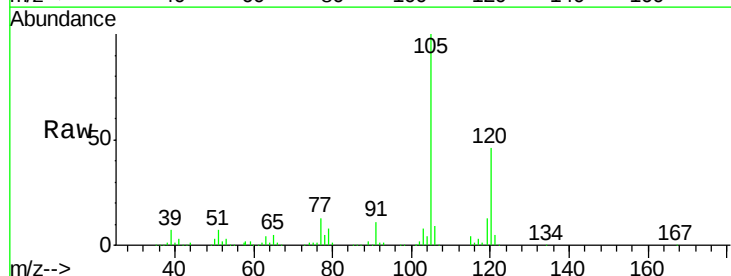
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

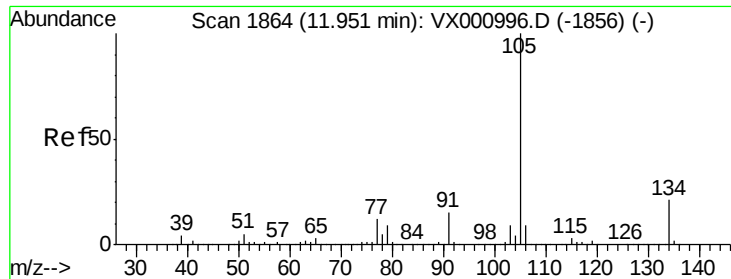
Tgt Ion:119 Resp: 56711
 Ion Ratio Lower Upper
 119 100
 91 58.3 27.0 81.0
 134 24.3 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 6.01 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000994.D
 Acq: 19 Apr 2018 17:38

Tgt Ion:105 Resp: 59280
 Ion Ratio Lower Upper
 105 100
 120 44.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 5.81 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

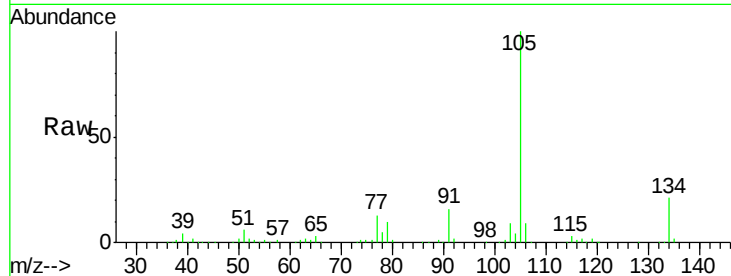
VSTDIC005

Tgt Ion:105 Resp: 69386

Ion Ratio Lower Upper

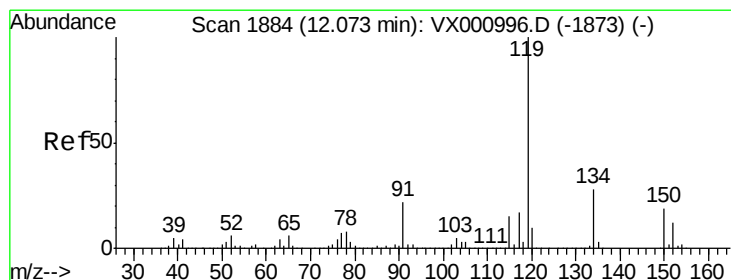
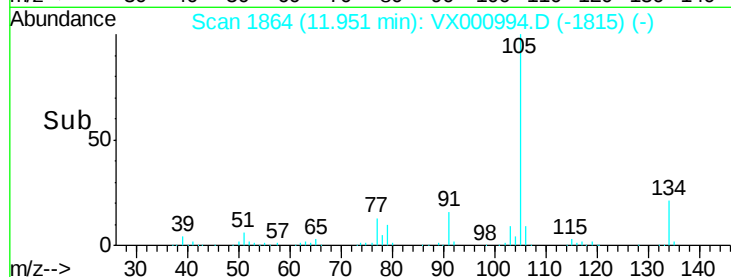
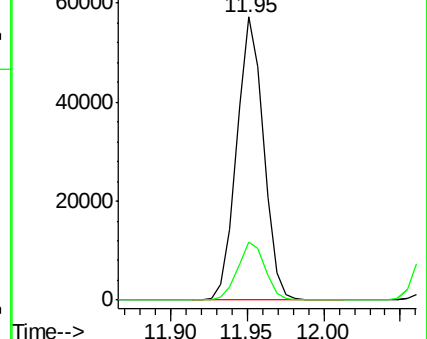
105 100

134 20.9 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.75 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

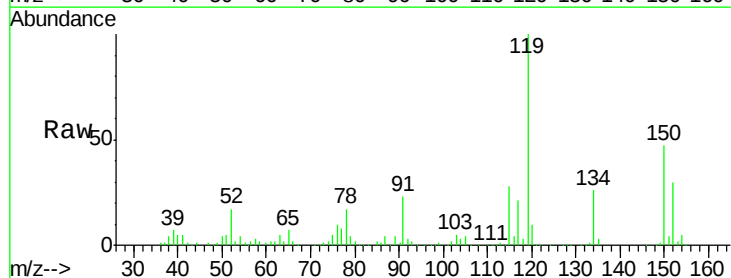
Tgt Ion:119 Resp: 63344

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

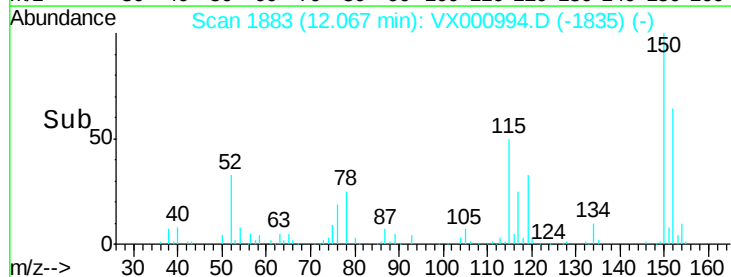
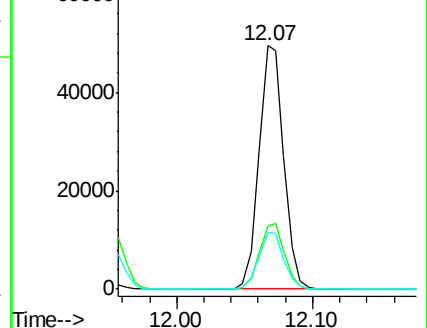
91 24.2 11.4 34.1

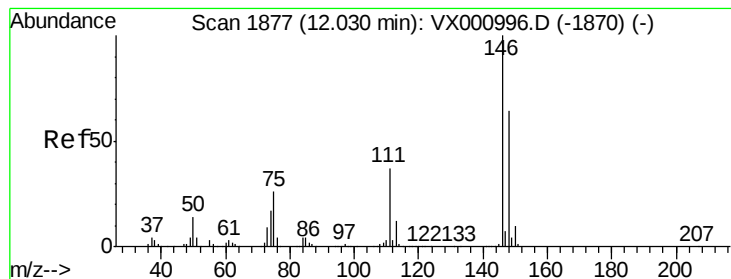


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 6.05 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

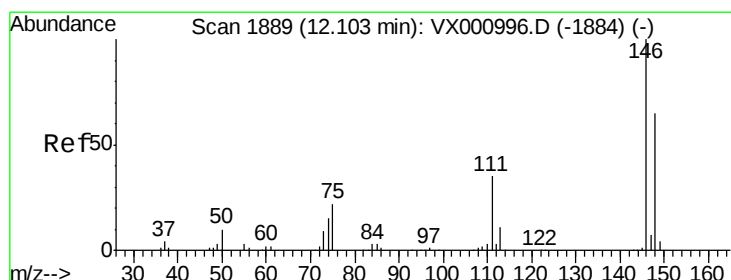
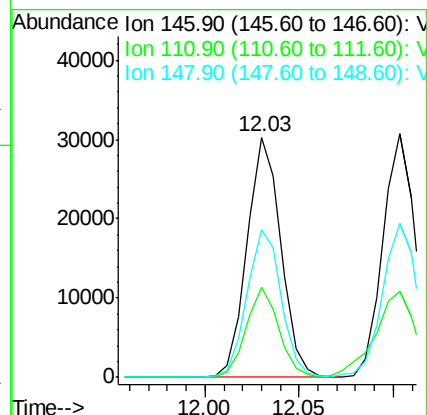
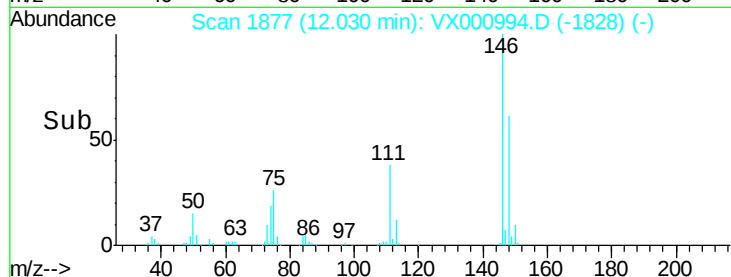
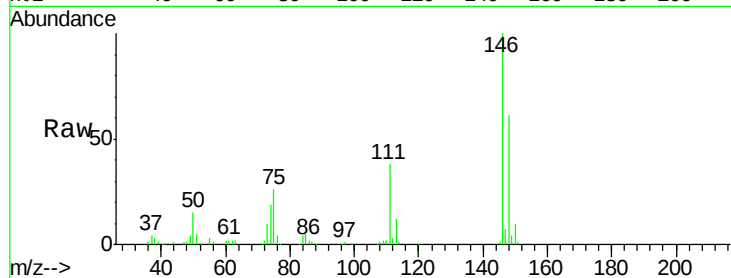
Tgt Ion:146 Resp: 37851

Ion Ratio Lower Upper

146 100

111 36.1 18.3 54.8

148 61.9 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 5.92 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

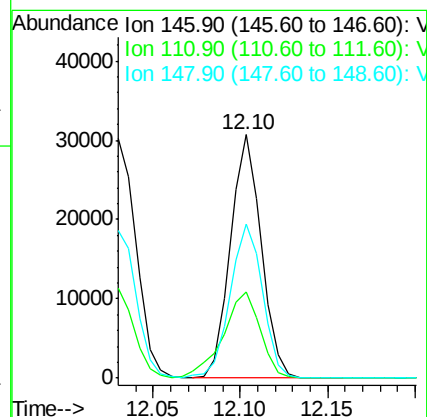
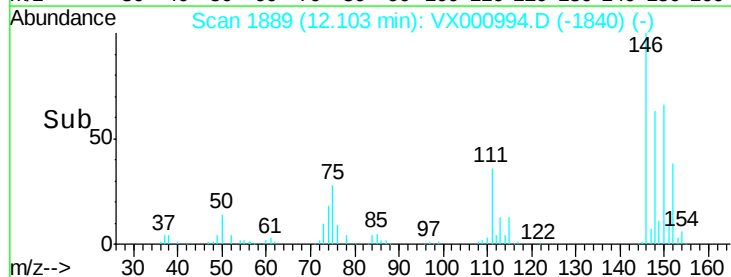
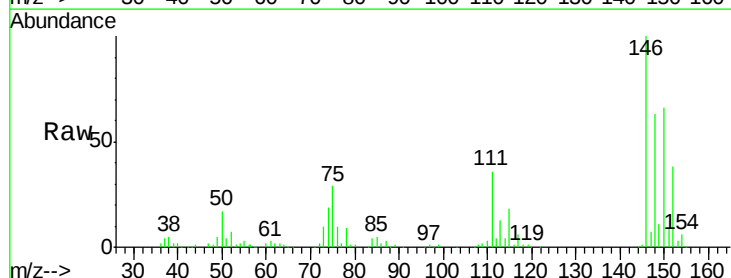
Tgt Ion:146 Resp: 37709

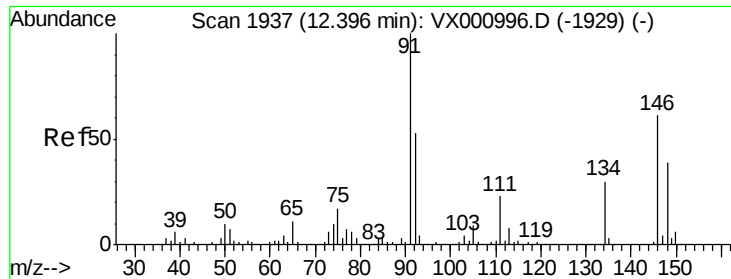
Ion Ratio Lower Upper

146 100

111 42.7 18.0 54.0

148 66.5 32.4 97.0





#89

n-Butylbenzene

Concen: 5.73 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX000994.D

Acq: 19 Apr 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

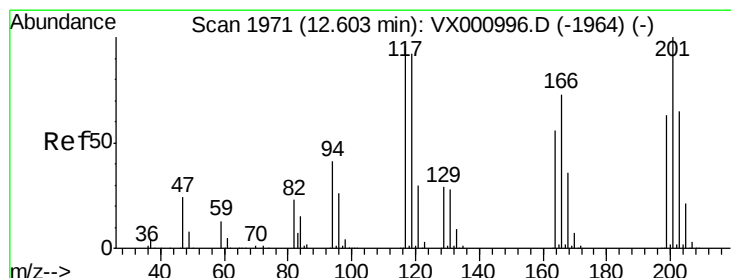
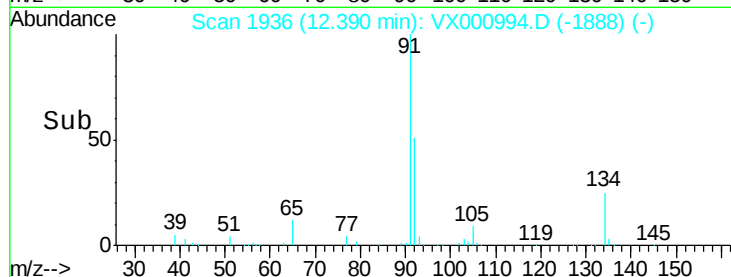
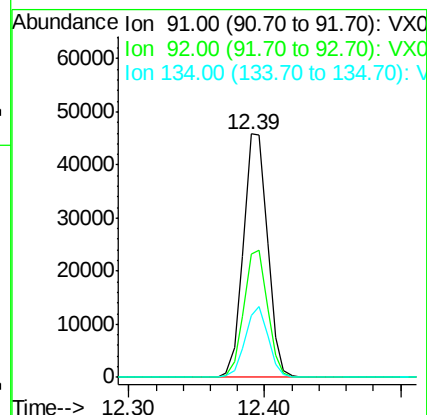
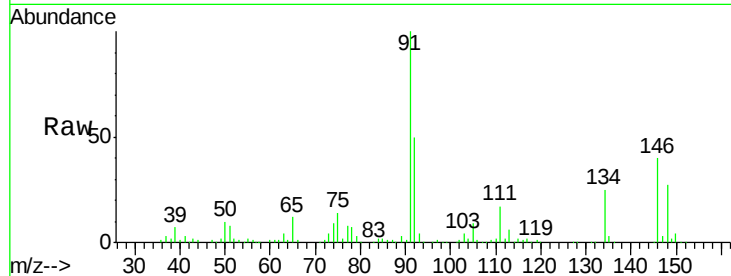
Tgt Ion: 91 Resp: 56974

Ion Ratio Lower Upper

91 100

92 51.2 26.3 78.9

134 27.5 14.4 43.0



#90

Hexachloroethane

Concen: 4.82 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000994.D

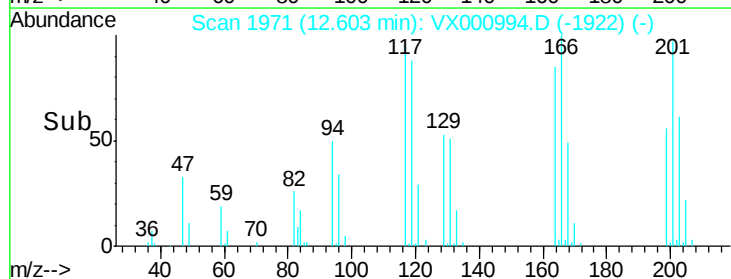
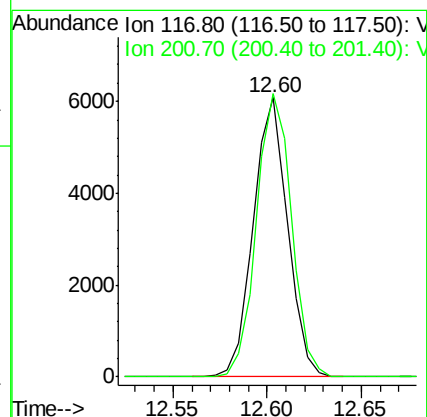
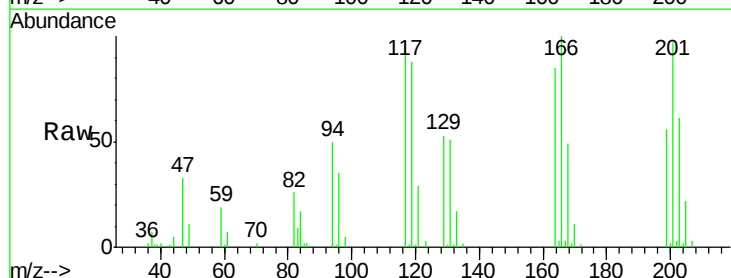
Acq: 19 Apr 2018 17:38

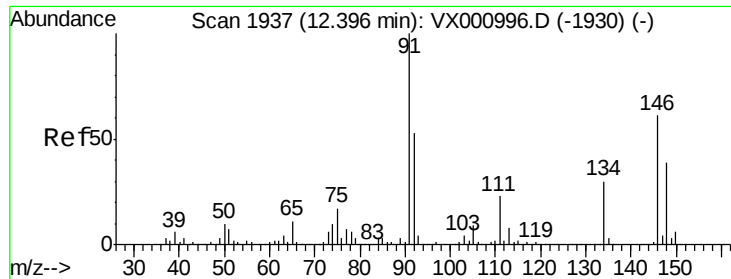
Tgt Ion: 117 Resp: 7678

Ion Ratio Lower Upper

117 100

201 103.1 52.3 157.1

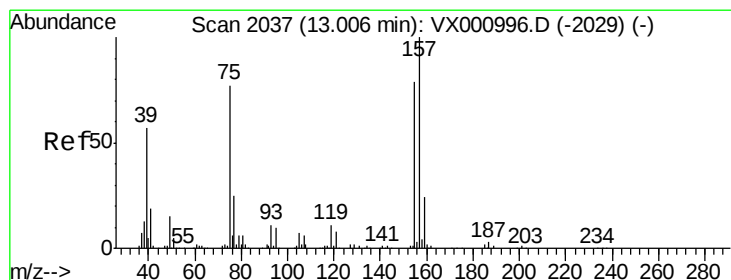
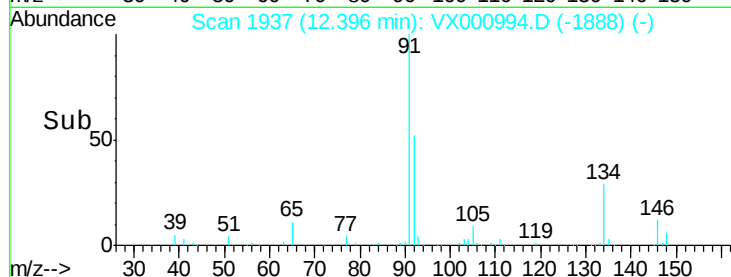
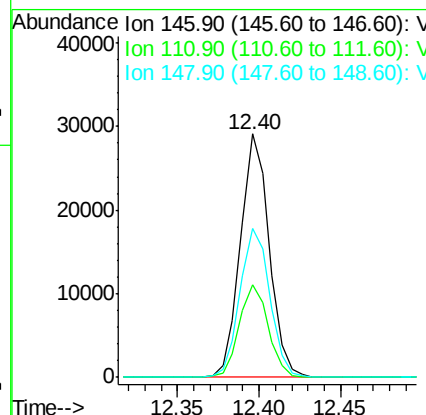
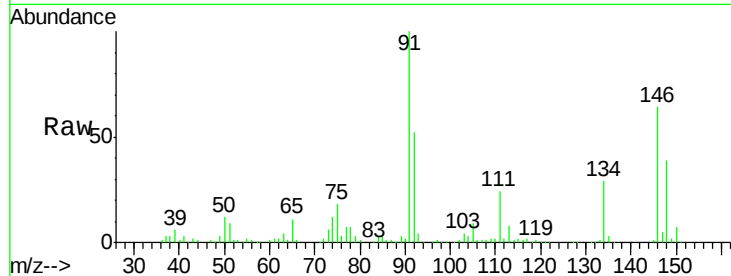




#91
 1,2-Dichlorobenzene
 Concen: 5.94 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000994.D
 Acq: 19 Apr 2018 17:38

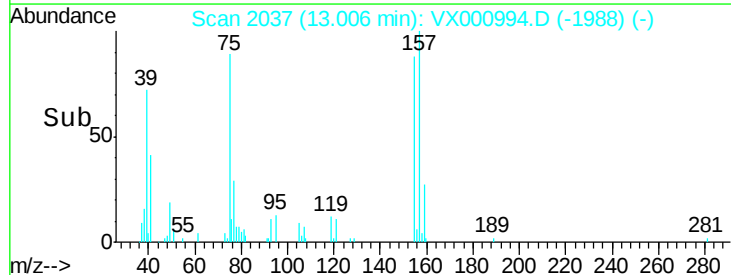
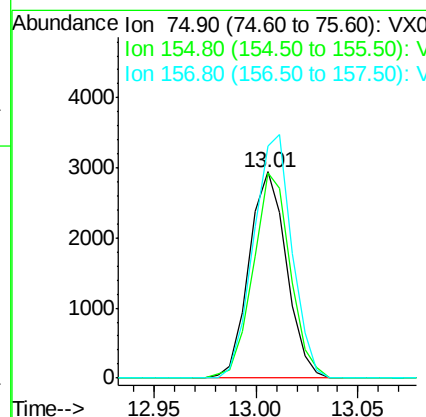
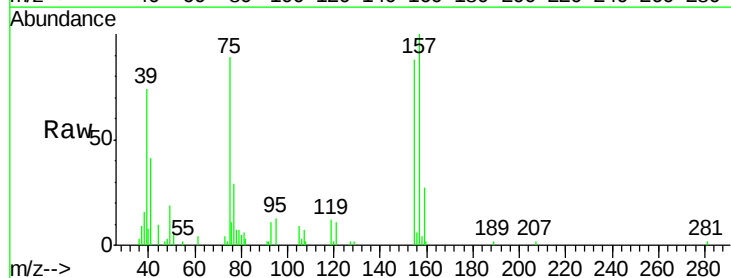
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

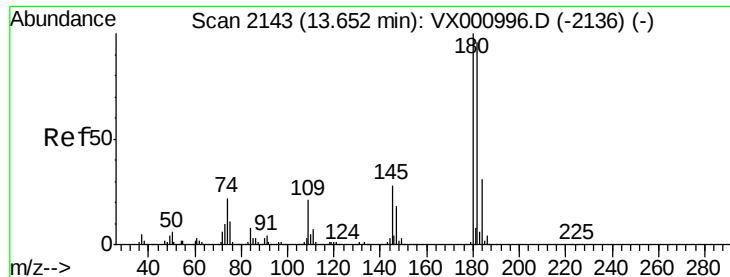
Tgt Ion: 146 Resp: 35885
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 56.0
 148 63.6 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.58 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000994.D
 Acq: 19 Apr 2018 17:38

Tgt Ion: 75 Resp: 3751
 Ion Ratio Lower Upper
 75 100
 155 98.7 51.0 153.0
 157 121.0 64.9 194.7

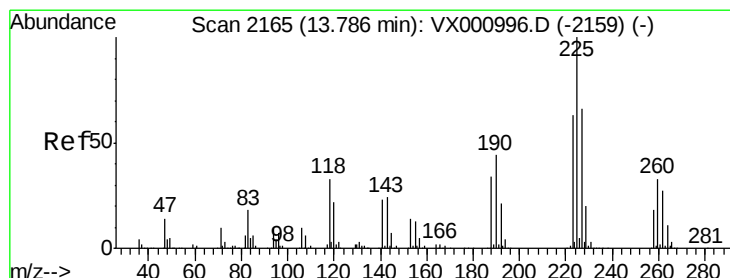
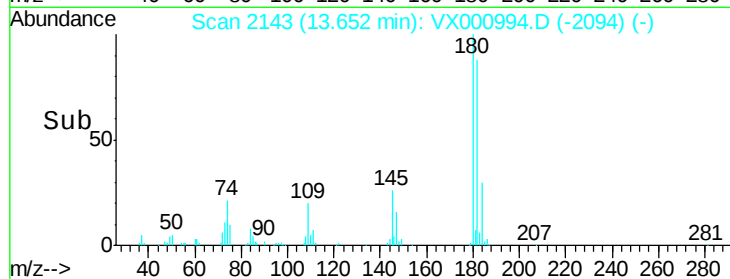
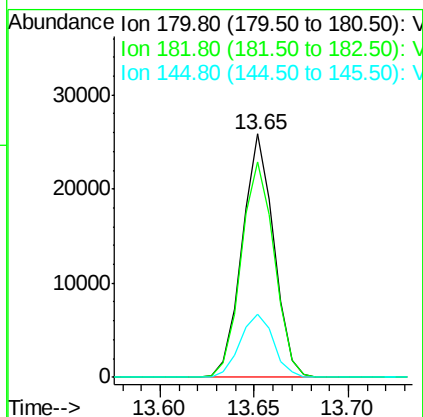
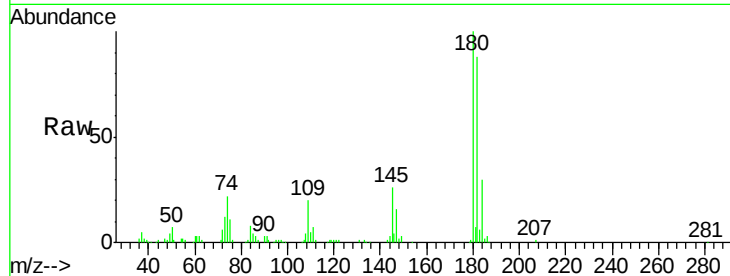




#93
 1,2,4-Trichlorobenzene
 Concen: 5.62 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000994.D
 Acq: 19 Apr 2018 17:38

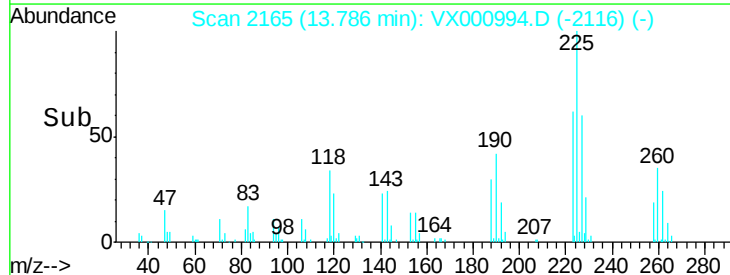
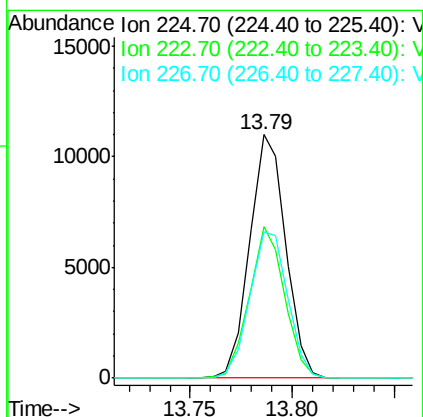
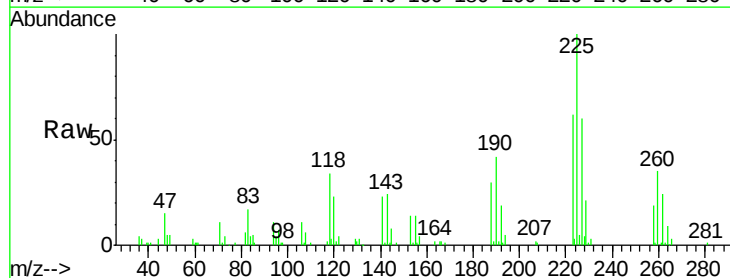
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

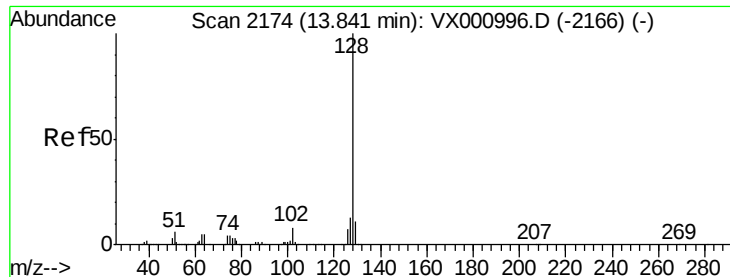
Tgt Ion:180 Resp: 30014
 Ion Ratio Lower Upper
 180 100
 182 92.7 48.0 144.0
 145 27.6 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 5.69 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000994.D
 Acq: 19 Apr 2018 17:38

Tgt Ion:225 Resp: 13511
 Ion Ratio Lower Upper
 225 100
 223 60.7 31.5 94.5
 227 63.4 32.6 97.8

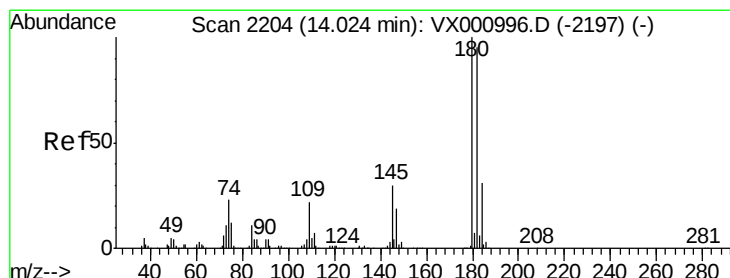
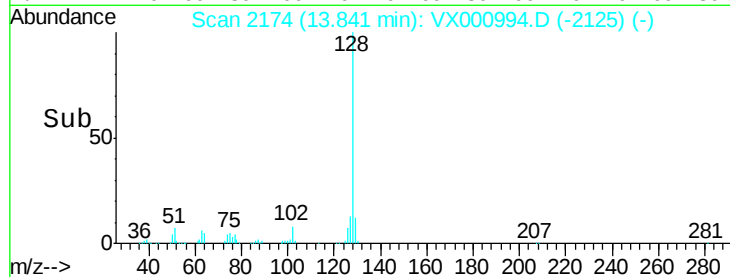
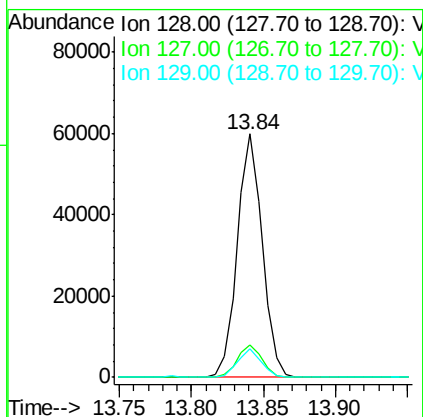
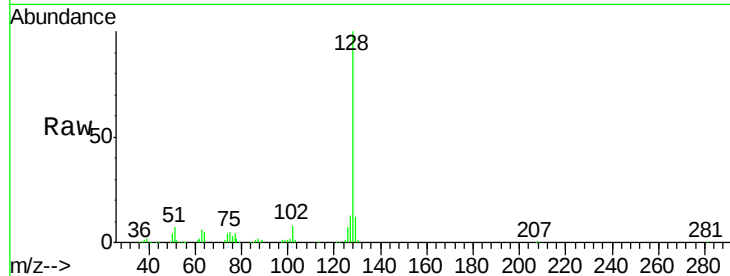




#95
Naphthalene
Concen: 5.75 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000994.D
Acq: 19 Apr 2018 17:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 72099
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.81 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX000994.D
Acq: 19 Apr 2018 17:38

Tgt Ion:180 Resp: 28961
Ion Ratio Lower Upper
180 100
182 96.8 47.9 143.7
145 28.9 14.5 43.6

