

Data File : VX000995.D

Acq On : 19 Apr 2018 18:03

Operator : JC/MD

Sample : VSTDIC020

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Apr 20 04:25:10 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	245893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	331987	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	59078	19.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.00%	
35) Dibromofluoromethane	5.51	113	48391	20.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.58%	
50) Toluene-d8	8.72	98	175811	21.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.08%	
62) 4-Bromofluorobenzene	11.14	95	72822	21.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	68618	29.26	ug/l	97
3) Chloromethane	1.32	50	58558	24.27	ug/l	100
4) Vinyl Chloride	1.41	62	61091	25.99	ug/l	99
5) Bromomethane	1.65	94	40140	25.96	ug/l	96
6) Chloroethane	1.73	64	35533	21.51	ug/l	98
7) Trichlorofluoromethane	1.93	101	90792	25.53	ug/l	100
8) Diethyl Ether	2.19	74	32643	23.98	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51765	24.33	ug/l	99
10) Methyl Iodide	2.52	142	32868	17.13	ug/l	99
11) Tert butyl alcohol	3.07	59	47852	118.35	ug/l	97
12) 1,1-Dichloroethene	2.38	96	48565	23.93	ug/l	99
13) Acrolein	2.29	56	12847	156.15	ug/l	98
14) Allyl chloride	2.73	41	87483	23.14	ug/l	100
15) Acrylonitrile	3.15	53	126806	118.64	ug/l	99
16) Acetone	2.45	43	119311	118.00	ug/l	100
17) Carbon Disulfide	2.57	76	130389	20.65	ug/l	100
18) Methyl Acetate	2.78	43	76982	29.39	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	163618	24.75	ug/l	99
20) Methylene Chloride	2.86	84	52834	22.26	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	52749	22.99	ug/l	98
22) Diisopropyl ether	3.88	45	170007	23.52	ug/l	98
23) Vinyl Acetate	3.83	43	697921	118.30	ug/l	99
24) 1,1-Dichloroethane	3.70	63	93242	23.92	ug/l	99
25) 2-Butanone	4.71	43	187248	120.32	ug/l	98
26) 2,2-Dichloropropane	4.59	77	80462	23.53	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	59505	23.97	ug/l	99
28) Bromochloromethane	5.03	49	35464	21.70	ug/l	99
29) Tetrahydrofuran	5.17	42	116403	117.36	ug/l	100
30) Chloroform	5.22	83	96848	24.12	ug/l	100
31) Cyclohexane	5.59	56	86924	24.64	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	88181	24.67	ug/l	99
36) 1,1-Dichloropropene	5.81	75	75833	23.97	ug/l	99
37) Ethyl Acetate	4.87	43	72108	24.46	ug/l	99
38) Carbon Tetrachloride	5.79	117	75508	22.92	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Apr 20 04:25:10 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	88502	23.40	ug/l	97
40) Benzene	6.15	78	216252	24.50	ug/l	97
41) Methacrylonitrile	5.07	41	42937	23.25	ug/l	99
42) 1,2-Dichloroethane	6.21	62	83405	24.33	ug/l	99
43) Isopropyl Acetate	6.47	43	120918	24.25	ug/l	99
44) Trichloroethene	7.22	130	64836	23.31	ug/l	99
45) 1,2-Dichloropropane	7.52	63	55123	24.03	ug/l	97
46) Dibromomethane	7.67	93	37668	23.81	ug/l	99
47) Bromodichloromethane	7.90	83	69929	23.87	ug/l	97
48) Methyl methacrylate	7.78	41	64558	23.07	ug/l	99
49) 1,4-Dioxane	7.76	88	19241	504.73	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	377205	124.79	ug/l	100
52) Toluene	8.79	92	140919	24.32	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	83788	23.83	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	78316	23.35	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	55095	24.45	ug/l	97
56) Ethyl methacrylate	9.19	69	81945	24.00	ug/l	98
57) 1,3-Dichloropropane	9.38	76	92108	24.73	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	201702	129.58	ug/l	100
59) 2-Hexanone	9.51	43	288835	124.60	ug/l	99
60) Dibromochloromethane	9.59	129	57339	23.07	ug/l	100
61) 1,2-Dibromoethane	9.68	107	59216	24.31	ug/l	100
64) Tetrachloroethene	9.34	164	66187	23.75	ug/l	97
65) Chlorobenzene	10.15	112	165417	23.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	58023	24.18	ug/l	99
67) Ethyl Benzene	10.26	91	275400	24.35	ug/l	100
68) m/p-Xylenes	10.37	106	217543	48.53	ug/l	100
69) o-Xylene	10.71	106	104336	23.91	ug/l	99
70) Styrene	10.72	104	173110	23.98	ug/l	100
71) Bromoform	10.87	173	44639	21.65	ug/l #	99
73) Isopropylbenzene	11.02	105	283658	23.80	ug/l	99
74) N-amyl acetate	6.47	43	120918	24.30	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81482	24.23	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	91543	24.72	ug/l	87
77) Bromobenzene	11.26	156	81393	23.34	ug/l	99
78) n-propylbenzene	11.37	91	325148	23.59	ug/l	100
79) 2-Chlorotoluene	11.43	91	192600	23.62	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	243080	24.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19961	21.20	ug/l	94
82) 4-Chlorotoluene	11.52	91	229870	23.41	ug/l	100
83) tert-Butylbenzene	11.77	119	243389	23.39	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	249607	24.20	ug/l	99
85) sec-Butylbenzene	11.95	105	291872	23.36	ug/l	99
86) p-Isopropyltoluene	12.07	119	268730	23.33	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	150114	22.94	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	154801	23.25	ug/l	99
89) n-Butylbenzene	12.40	91	239311	23.03	ug/l	99
90) Hexachloroethane	12.60	117	36562	21.96	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	146321	23.16	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16943	24.11	ug/l	96

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

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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	122076	21.87	ug/l	99
94) Hexachlorobutadiene	13.79	225	54545	21.96	ug/l	99
95) Naphthalene	13.84	128	310797	23.72	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	118332	22.71	ug/l	100

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

Data File : VX000995.D

Acq On : 19 Apr 2018 18:03

Operator : JC/MD

Sample : VSTDICC020

Misc : 5.0mL/MSV0A_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

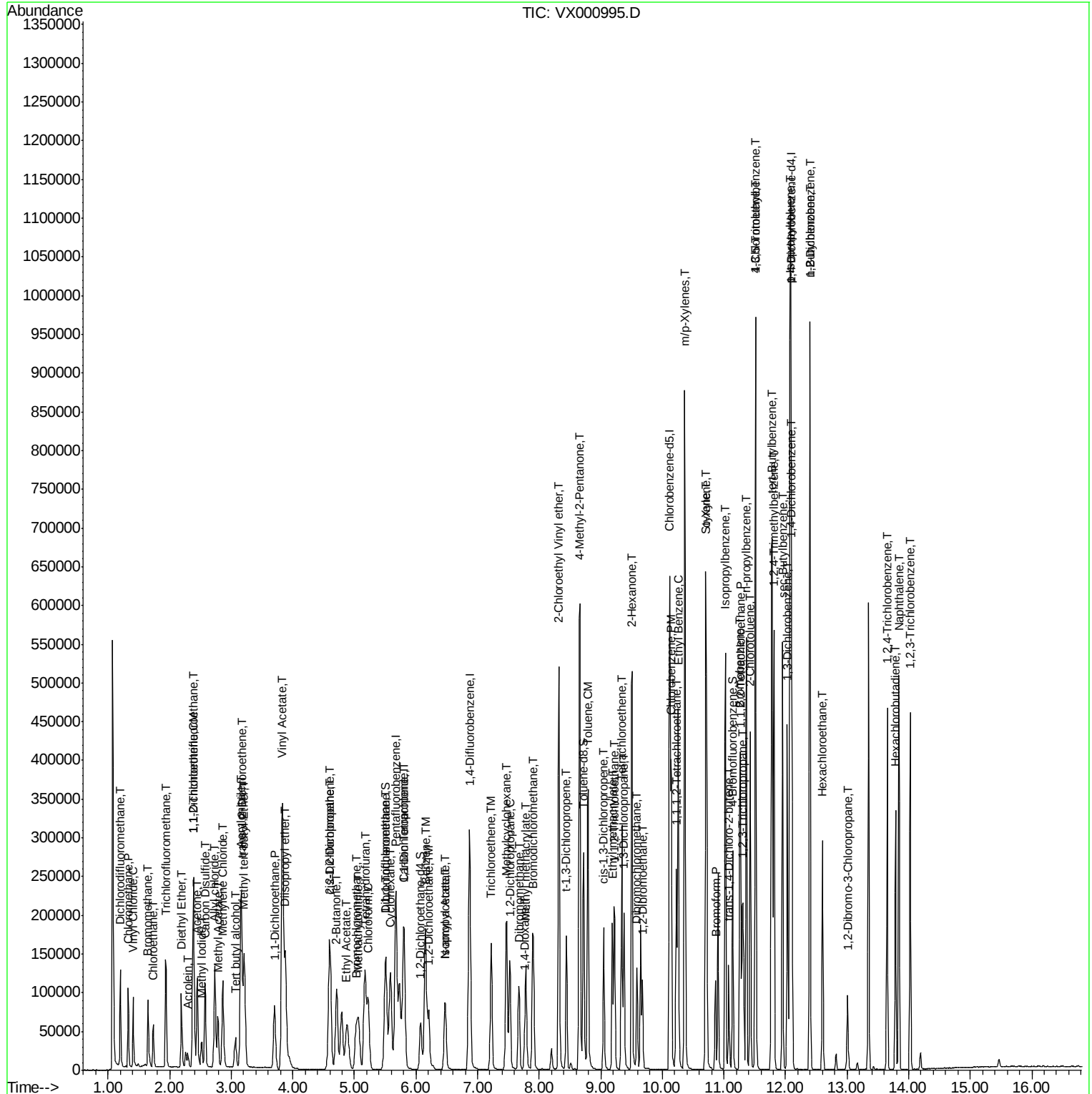
Quant Time: Apr 20 04:25:10 2018

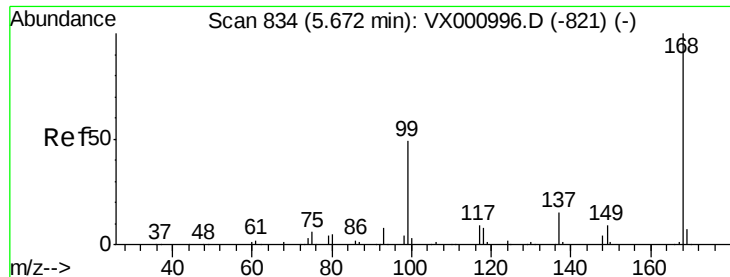
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

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: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

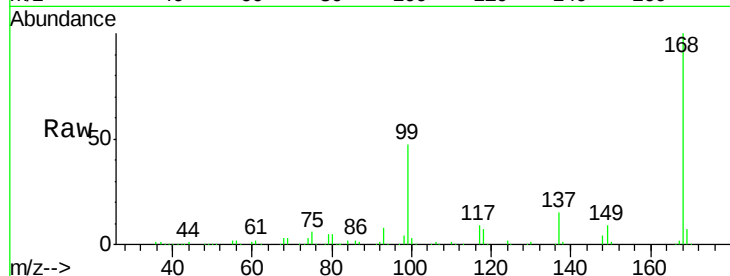
VSTDIC020

Tgt Ion:168 Resp: 245893

Ion Ratio Lower Upper

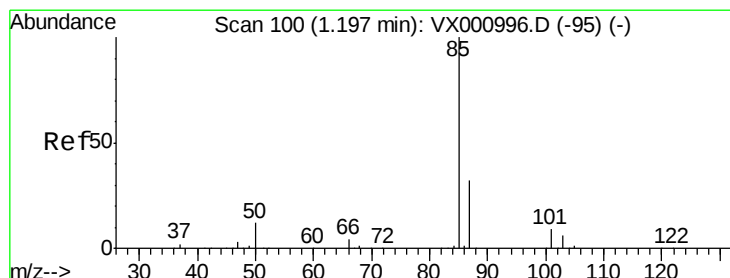
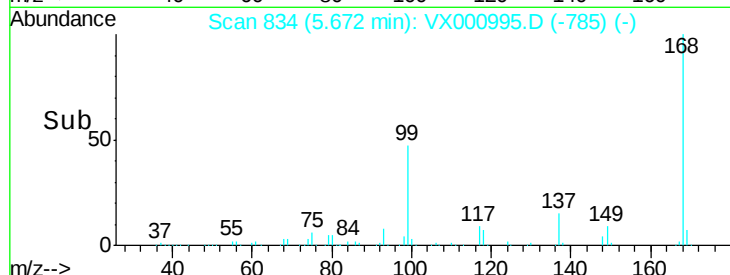
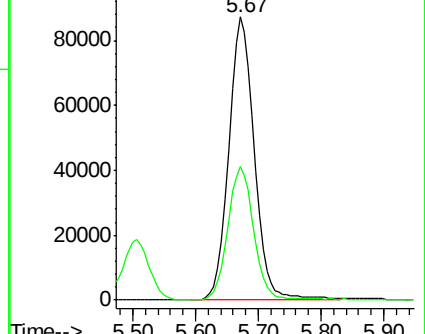
168 100

99 47.1 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: 29.26 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000995.D

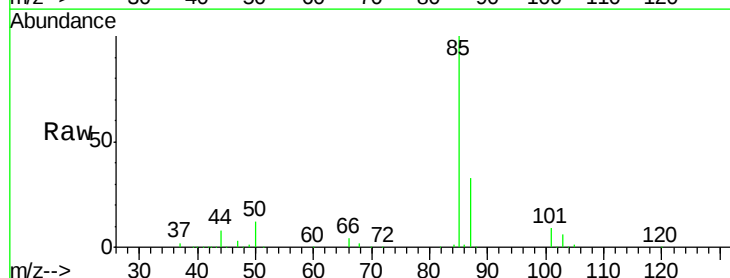
Acq: 19 Apr 2018 18:03

Tgt Ion: 85 Resp: 68618

Ion Ratio Lower Upper

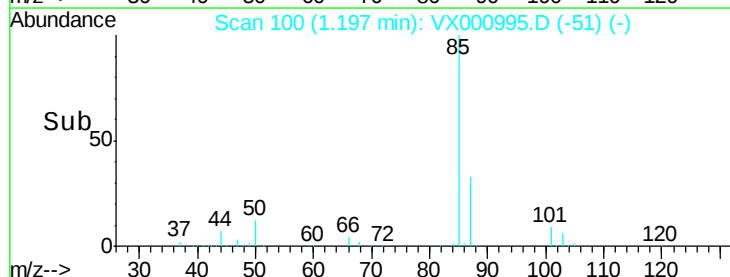
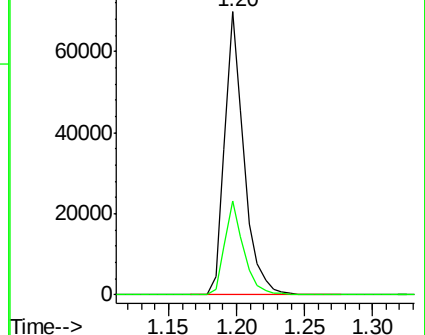
85 100

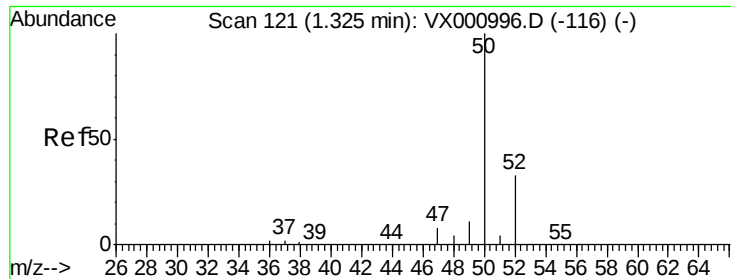
87 33.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 24.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

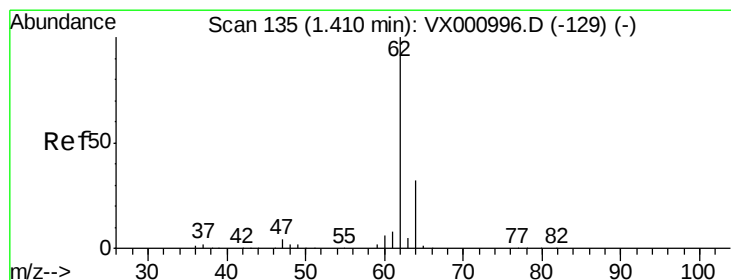
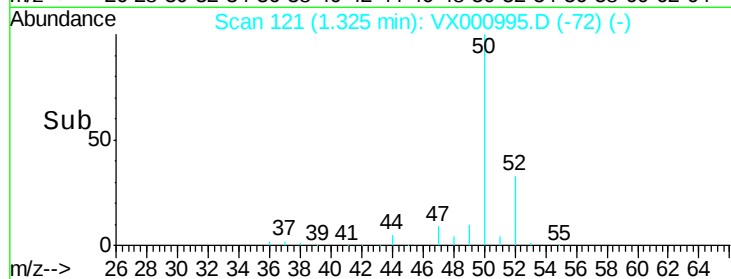
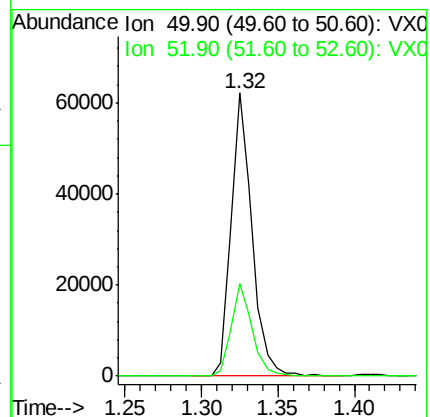
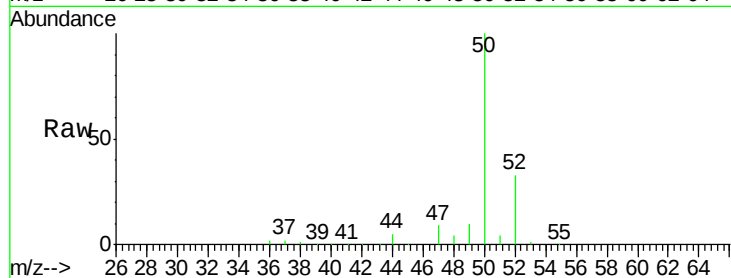
VSTDIC020

Tgt Ion: 50 Resp: 58558

Ion Ratio Lower Upper

50 100

52 32.8 26.3 39.5



#4

Vinyl Chloride

Concen: 25.99 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000995.D

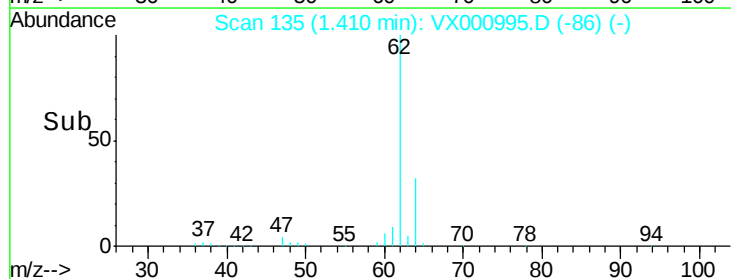
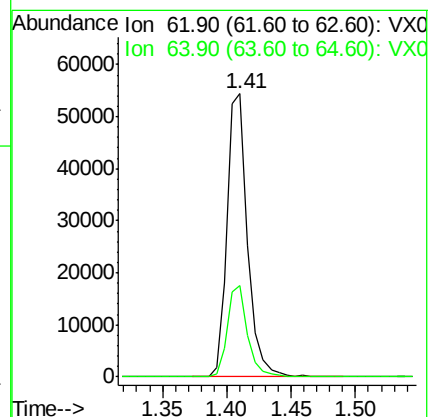
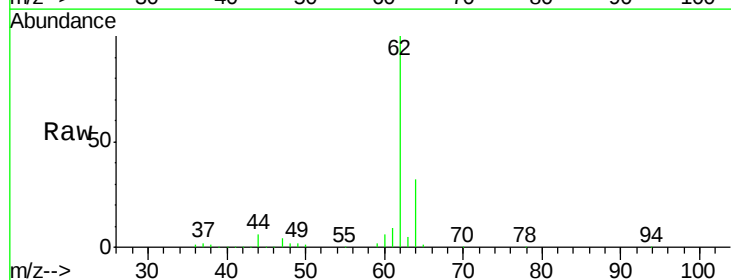
Acq: 19 Apr 2018 18:03

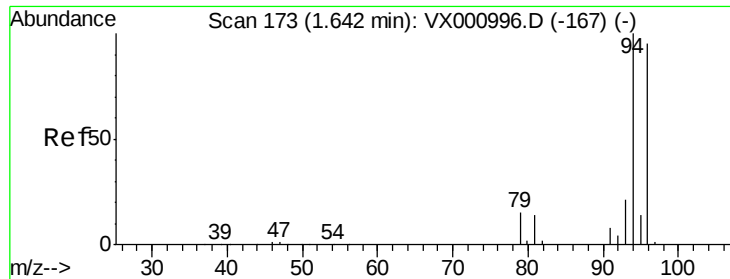
Tgt Ion: 62 Resp: 61091

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4

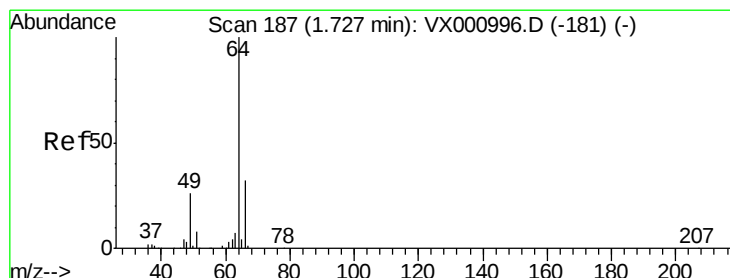
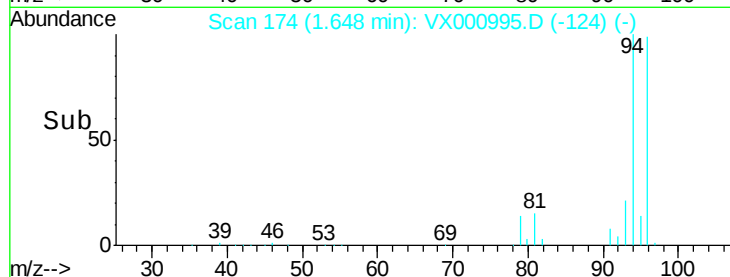
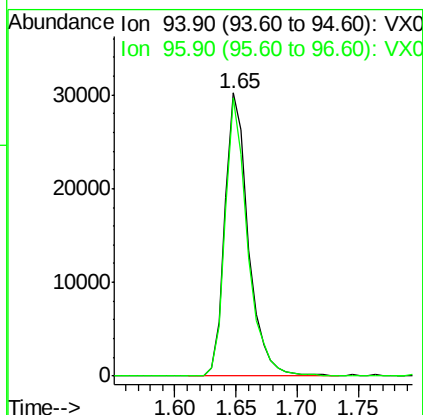
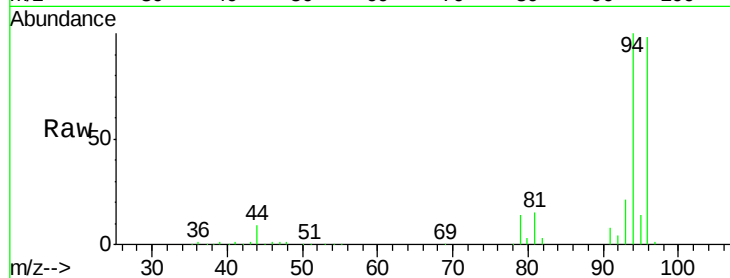




#5
Bromomethane
Concen: 25.96 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

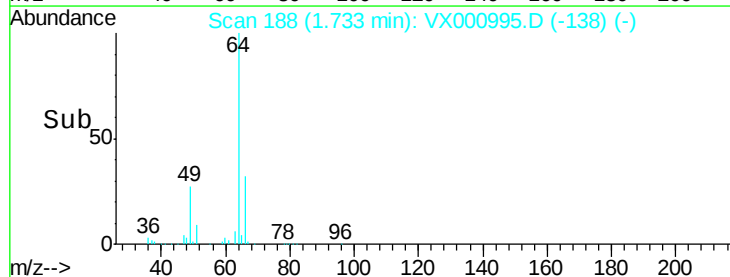
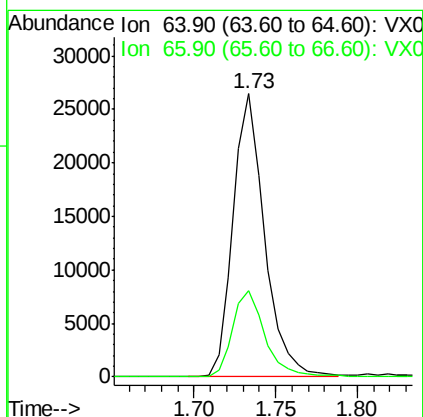
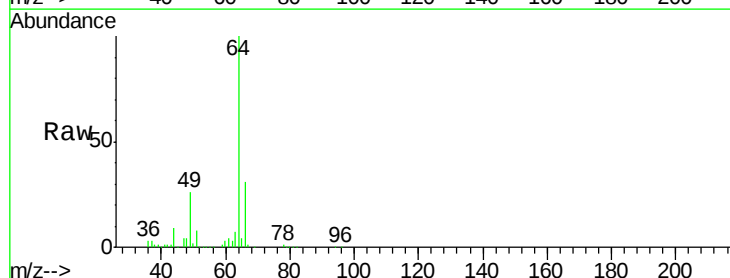
Instrument :
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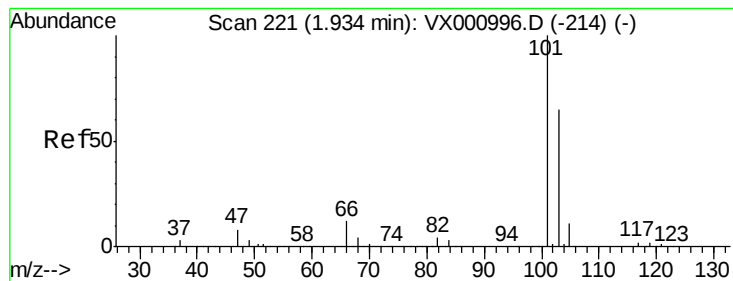
Tgt Ion: 94 Resp: 40140
Ion Ratio Lower Upper
94 100
96 98.4 76.0 114.0



#6
Chloroethane
Concen: 21.51 ug/l
RT: 1.73 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

Tgt Ion: 64 Resp: 35533
Ion Ratio Lower Upper
64 100
66 30.7 25.3 37.9





#7

Trichlorofluoromethane

Concen: 25.53 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

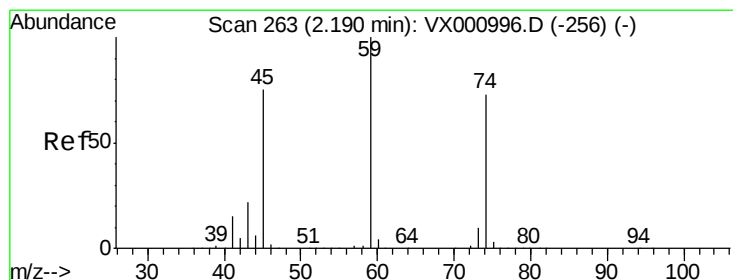
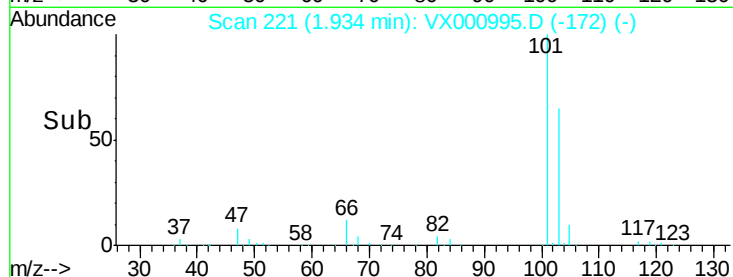
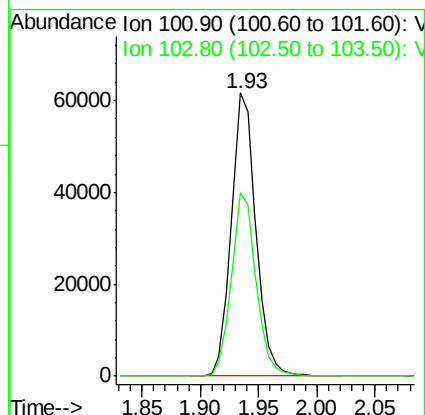
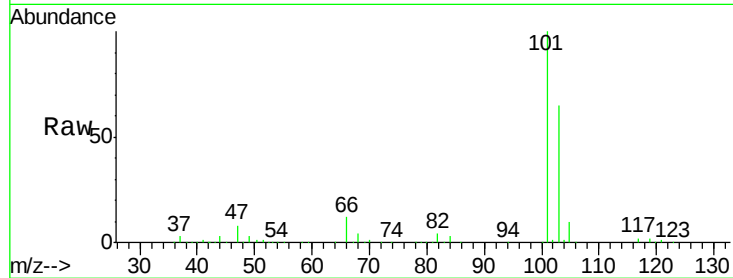
VSTDIC020

Tgt Ion:101 Resp: 90792

Ion Ratio Lower Upper

101 100

103 64.9 51.8 77.8



#8

Diethyl Ether

Concen: 23.98 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX000995.D

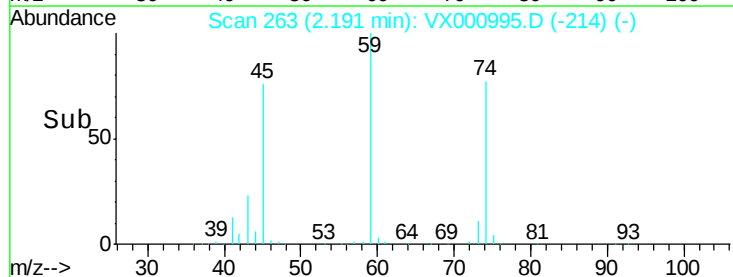
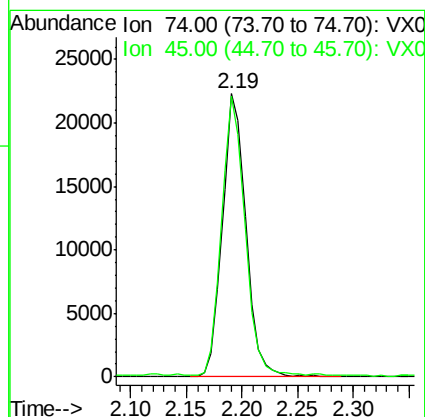
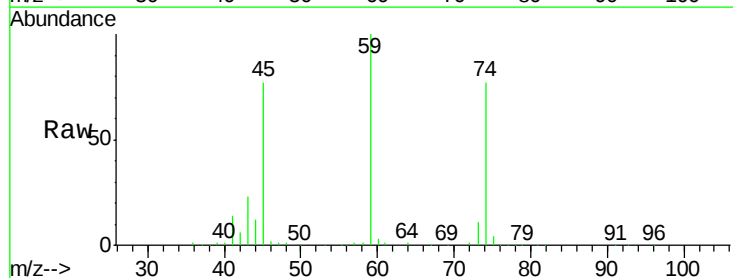
Acq: 19 Apr 2018 18:03

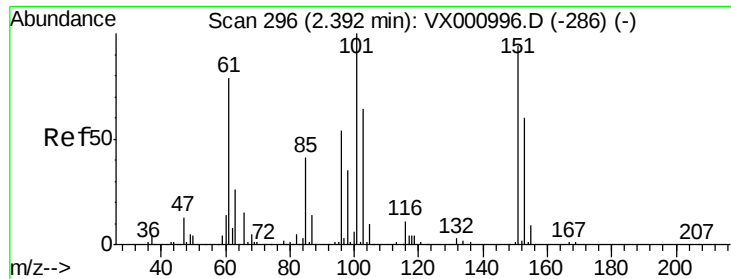
Tgt Ion: 74 Resp: 32643

Ion Ratio Lower Upper

74 100

45 97.4 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.33 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

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VSTDIC020

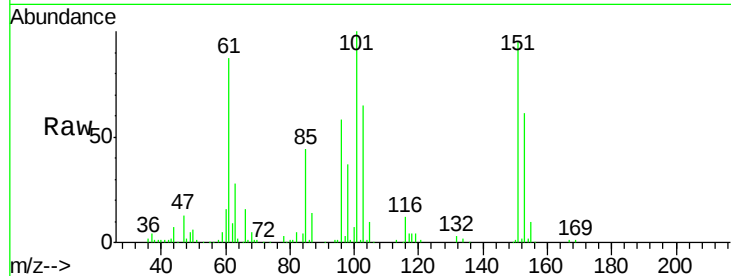
Tgt Ion:101 Resp: 51765

Ion Ratio Lower Upper

101 100

85 43.5 33.9 50.9

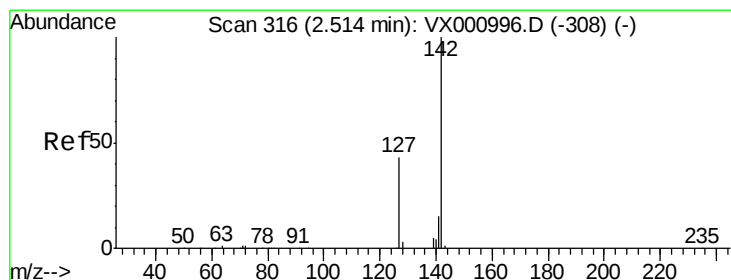
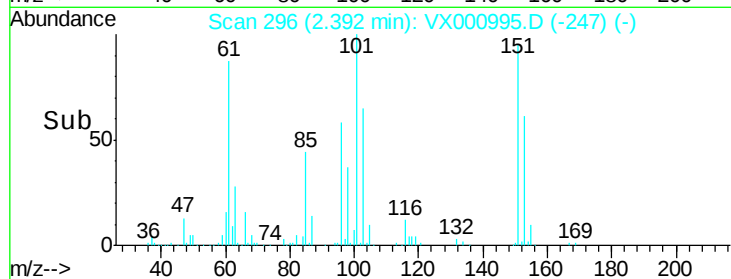
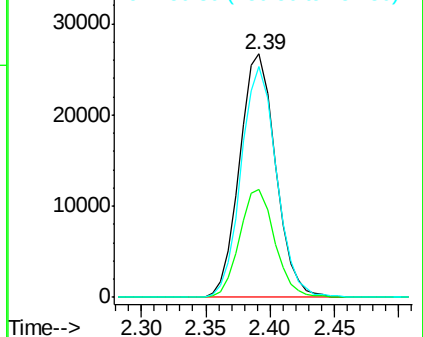
151 92.8 73.5 110.3



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: 17.13 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

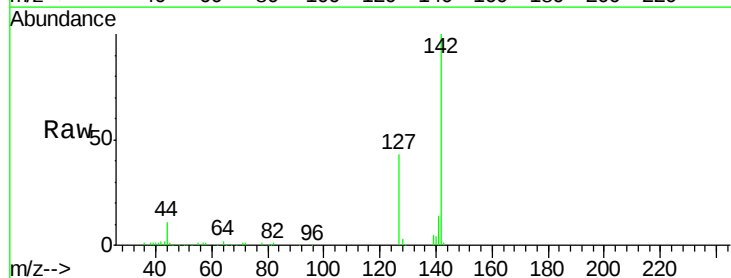
Tgt Ion:142 Resp: 32868

Ion Ratio Lower Upper

142 100

127 43.1 34.0 51.0

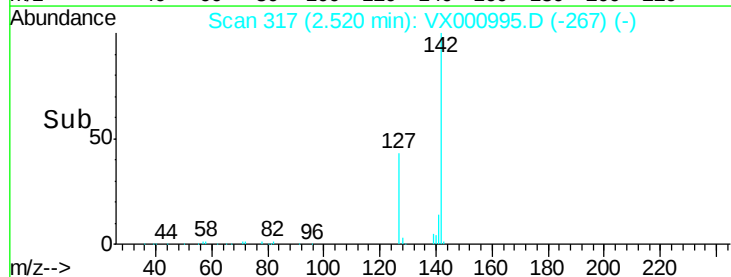
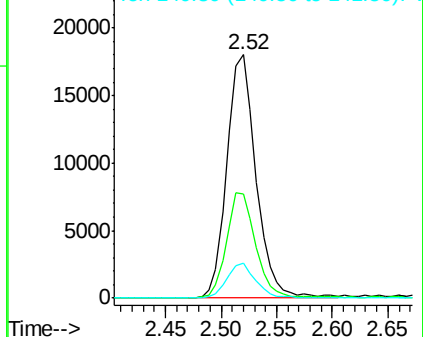
141 13.9 11.4 17.2

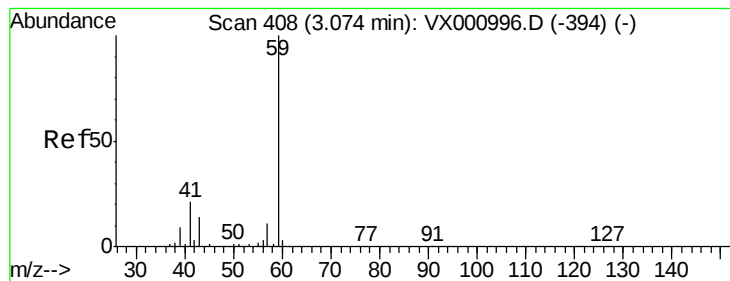


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



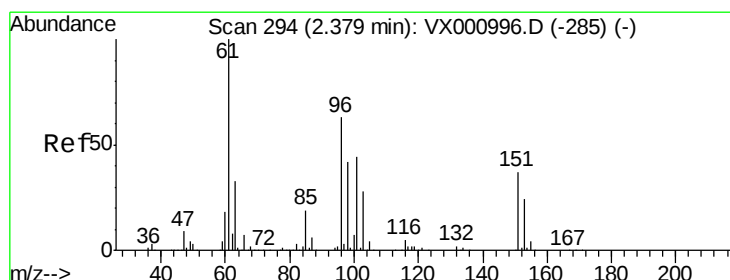
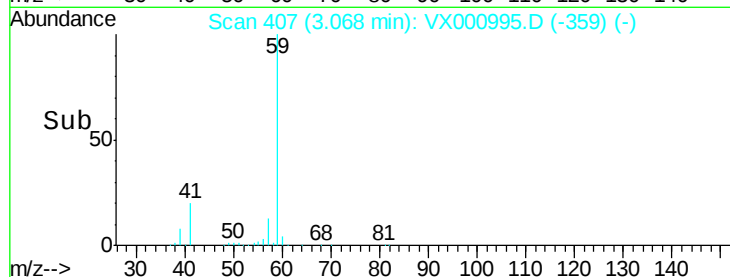
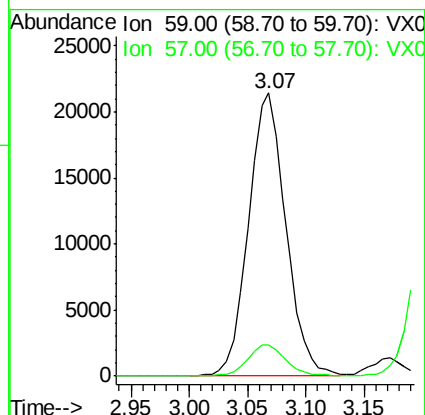
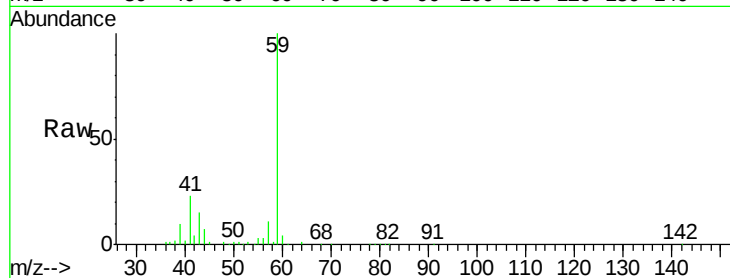


#11

Tert butyl alcohol
 Concen: 118.35 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000995.D
 Acq: 19 Apr 2018 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

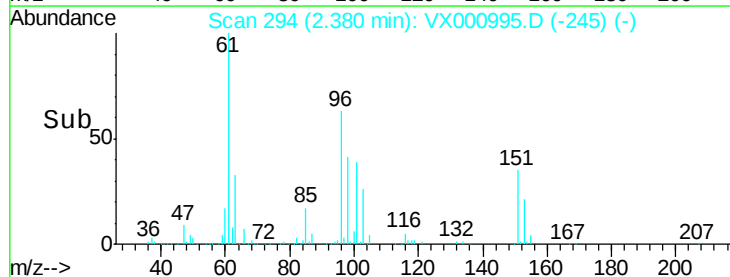
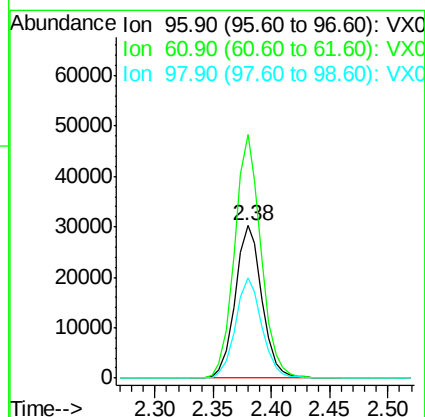
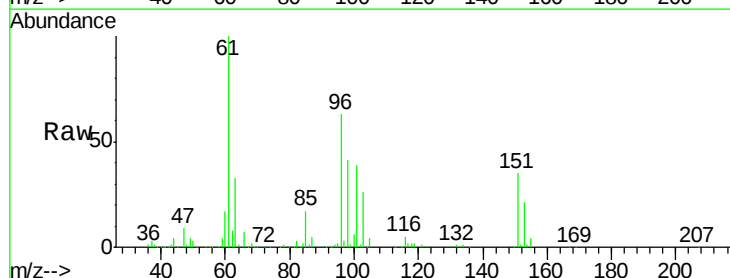
Tgt Ion: 59 Resp: 47852
 Ion Ratio Lower Upper
 59 100
 57 11.4 8.3 12.5

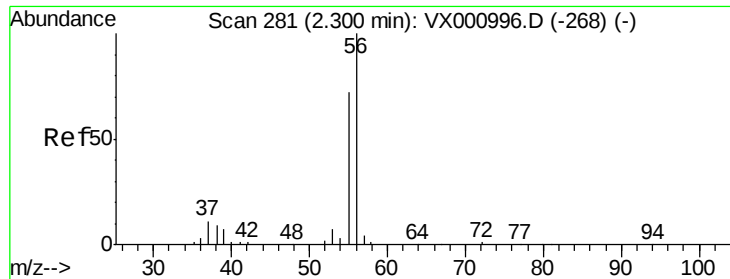


#12

1,1-Dichloroethene
 Concen: 23.93 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX000995.D
 Acq: 19 Apr 2018 18:03

Tgt Ion: 96 Resp: 48565
 Ion Ratio Lower Upper
 96 100
 61 159.5 126.4 189.6
 98 65.5 52.6 78.8





#13

Acrolein

Concen: 156.15 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

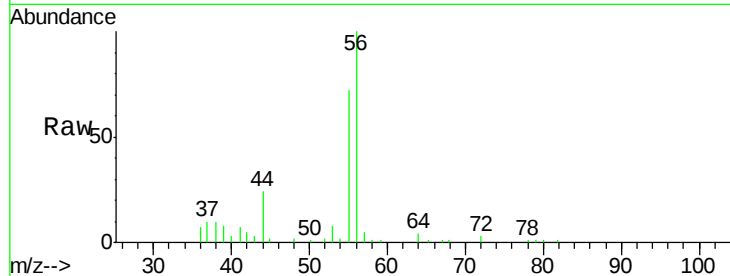
VSTDIC020

Tgt Ion: 56 Resp: 12847

Ion Ratio Lower Upper

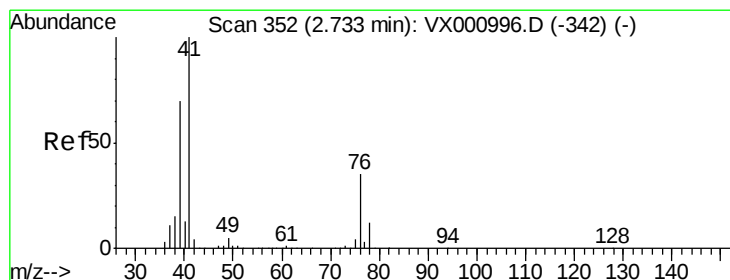
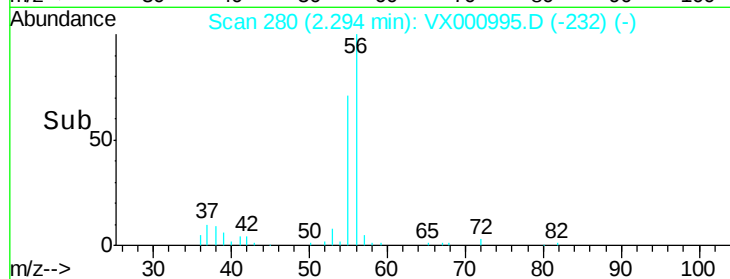
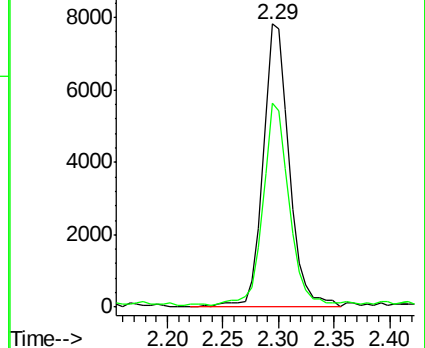
56 100

55 70.0 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 23.14 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

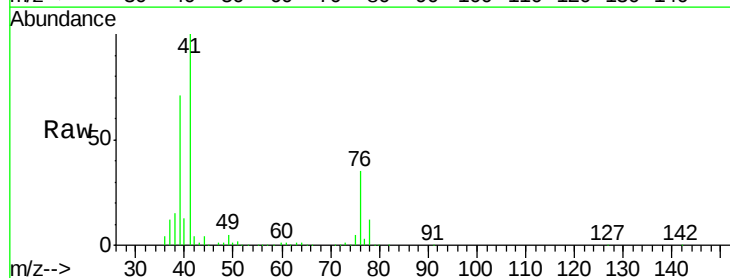
Tgt Ion: 41 Resp: 87483

Ion Ratio Lower Upper

41 100

39 66.4 53.0 79.6

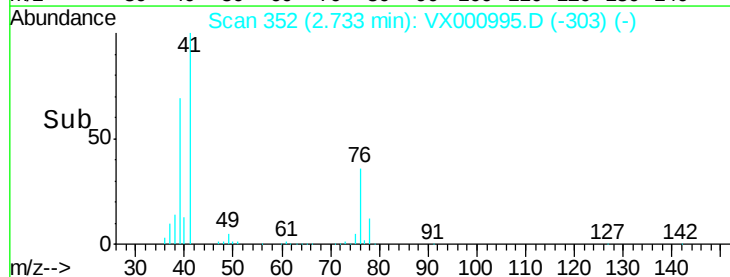
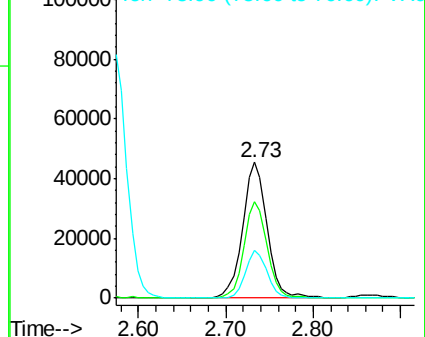
76 31.8 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 118.64 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

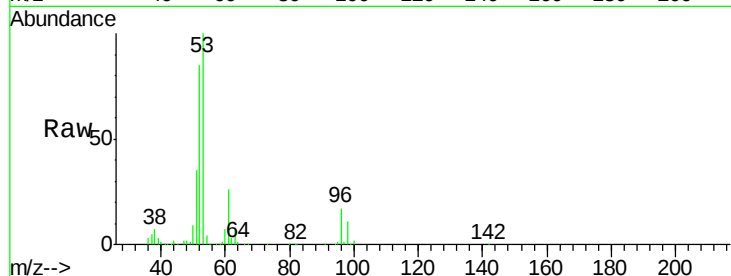
Tgt Ion: 53 Resp: 126806

Ion Ratio Lower Upper

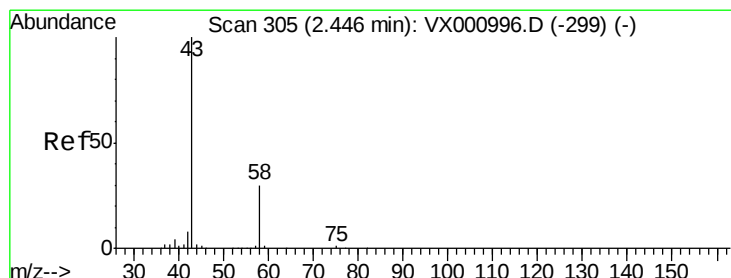
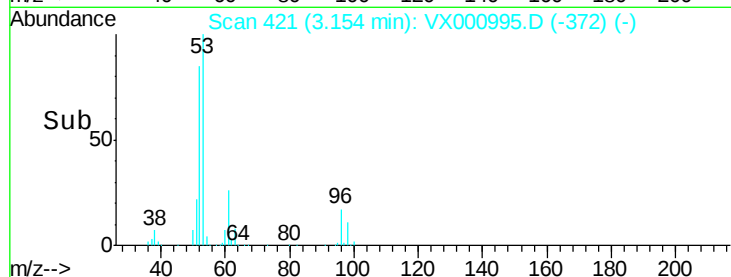
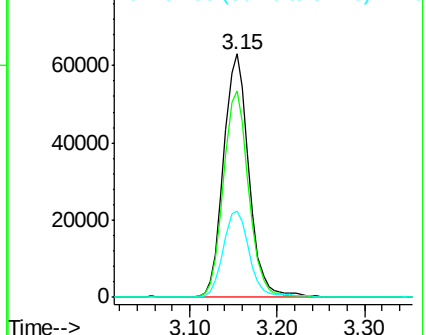
53 100

52 84.4 66.4 99.6

51 36.9 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: 118.00 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX000995.D

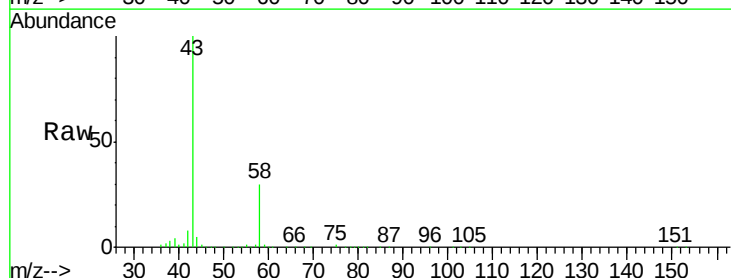
Acq: 19 Apr 2018 18:03

Tgt Ion: 43 Resp: 119311

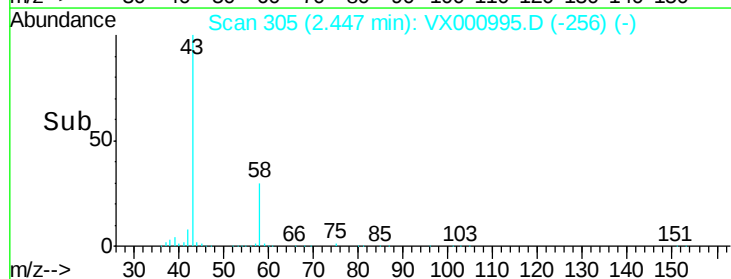
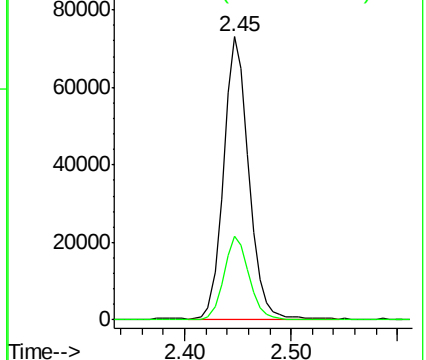
Ion Ratio Lower Upper

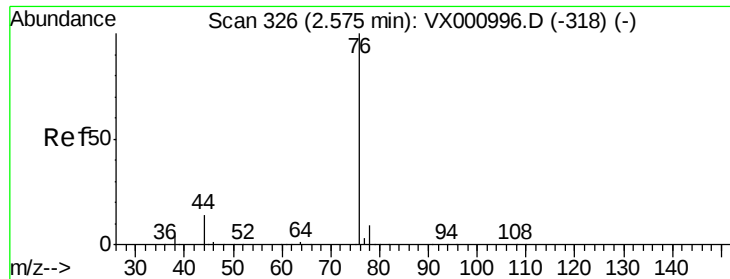
43 100

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

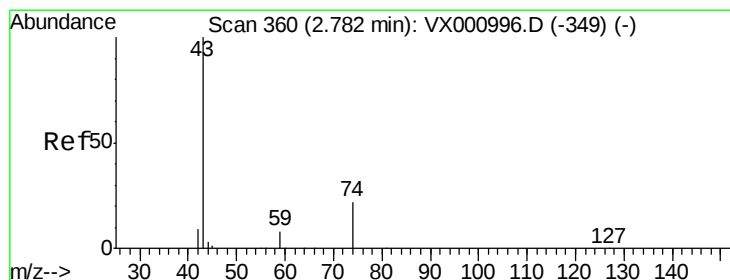
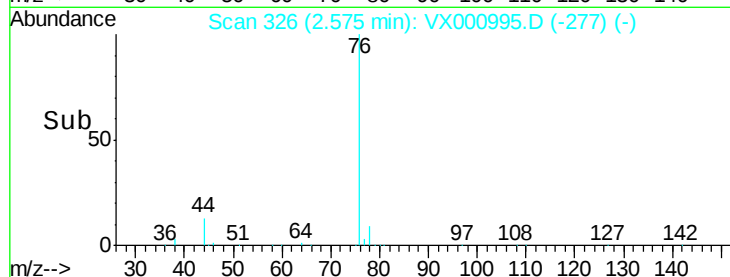
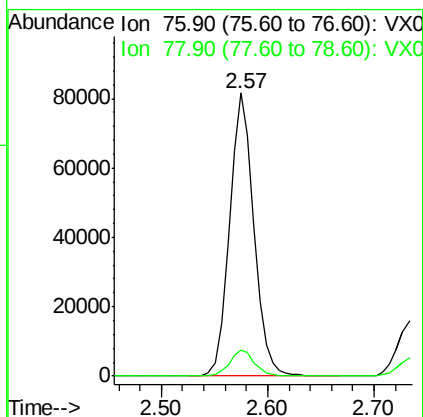
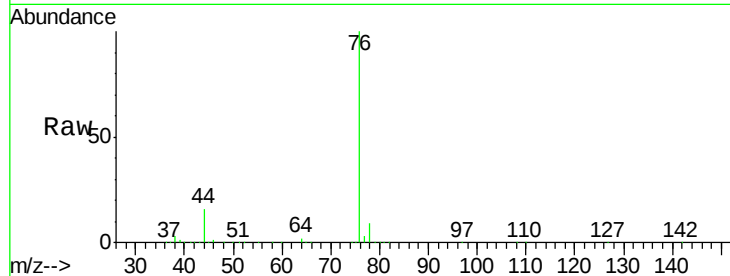




#17
Carbon Disulfide
Concen: 20.65 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

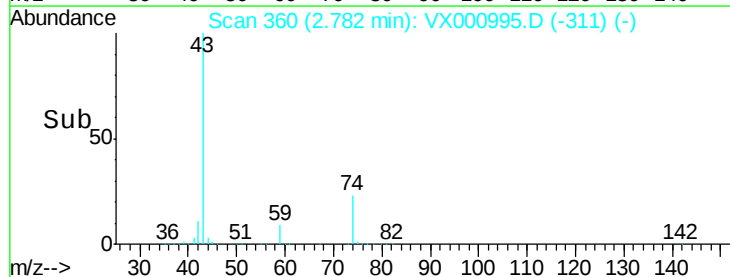
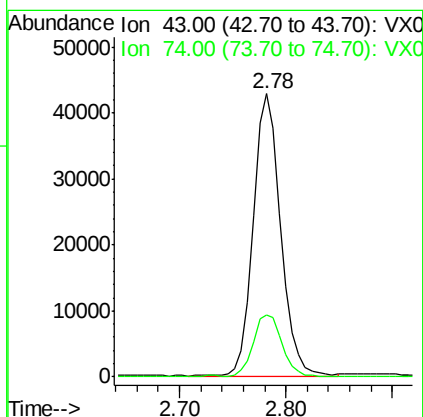
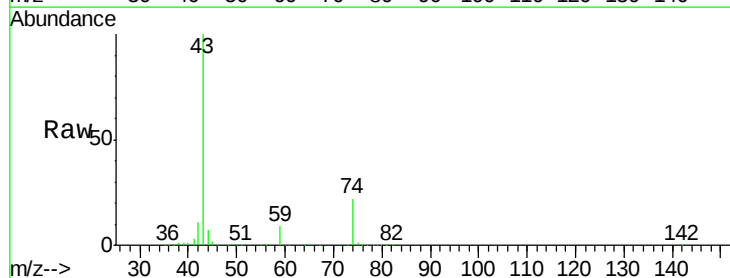
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

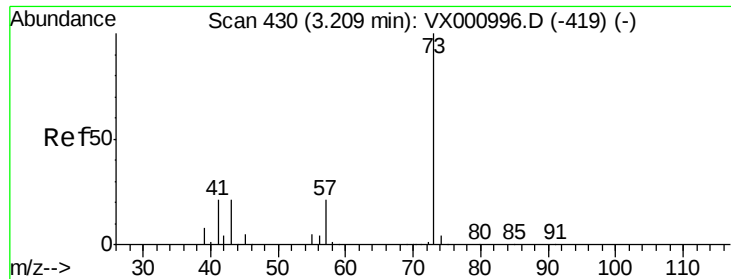
Tgt Ion: 76 Resp: 130389
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 29.39 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

Tgt Ion: 43 Resp: 76982
Ion Ratio Lower Upper
43 100
74 23.7 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 24.75 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

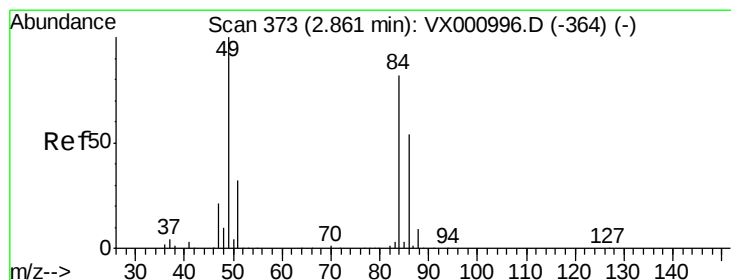
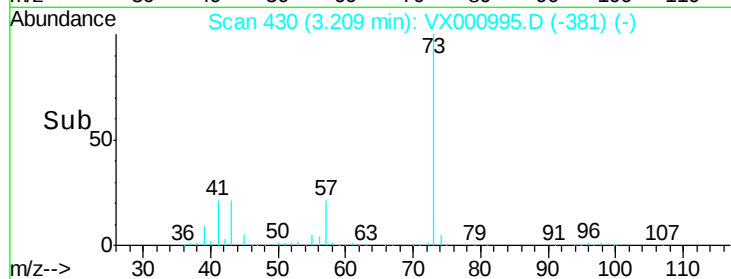
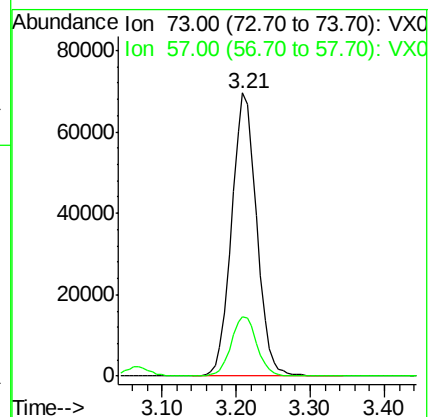
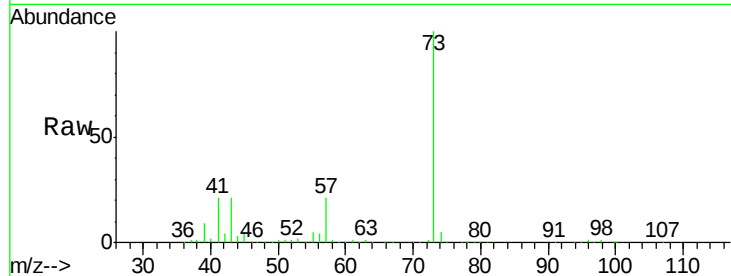
VSTDIC020

Tgt Ion: 73 Resp: 163618

Ion Ratio Lower Upper

73 100

57 20.8 17.1 25.7



#20

Methylene Chloride

Concen: 22.26 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Tgt Ion: 84 Resp: 52834

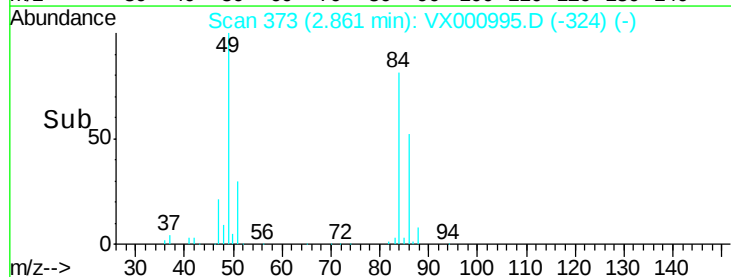
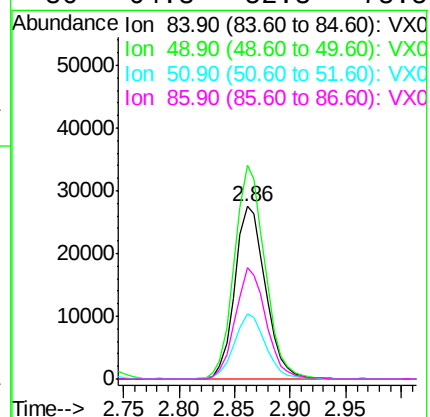
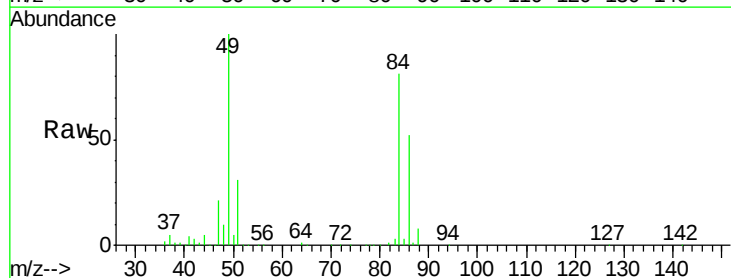
Ion Ratio Lower Upper

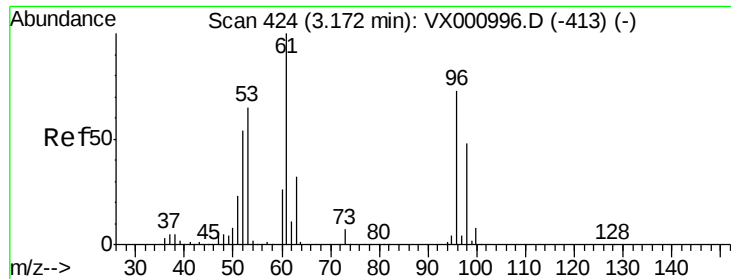
84 100

49 123.9 97.1 145.7

51 38.0 30.8 46.2

86 64.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 22.99 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

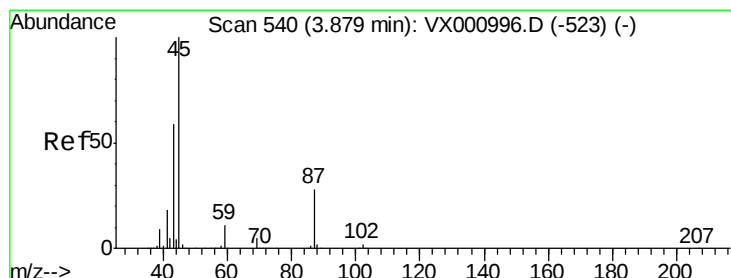
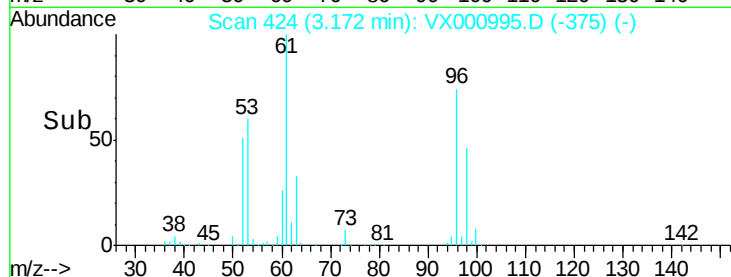
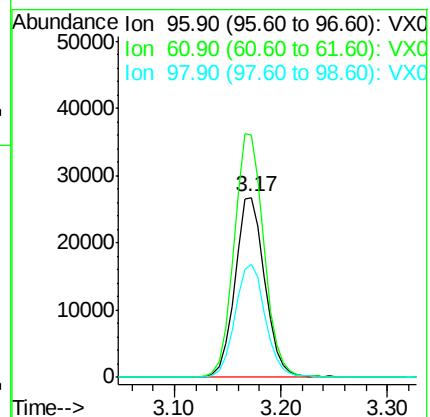
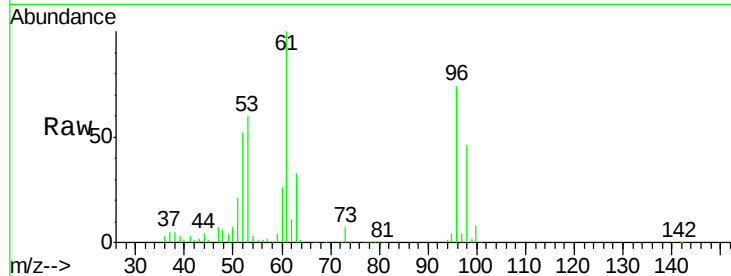
Tgt Ion: 96 Resp: 52749

Ion Ratio Lower Upper

96 100

61 135.0 109.4 164.2

98 62.6 52.6 78.8



#22

Diisopropyl ether

Concen: 23.52 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Tgt Ion: 45 Resp: 170007

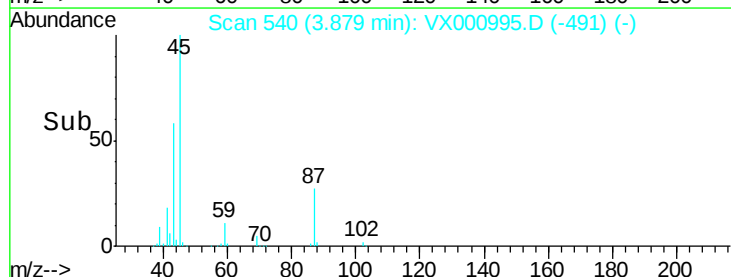
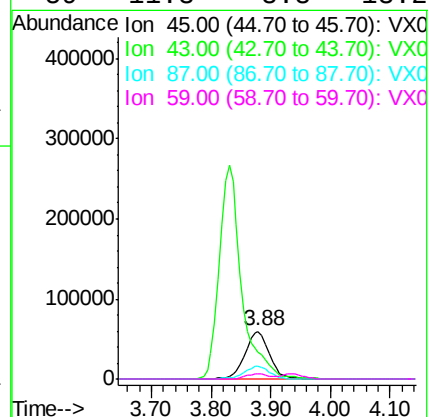
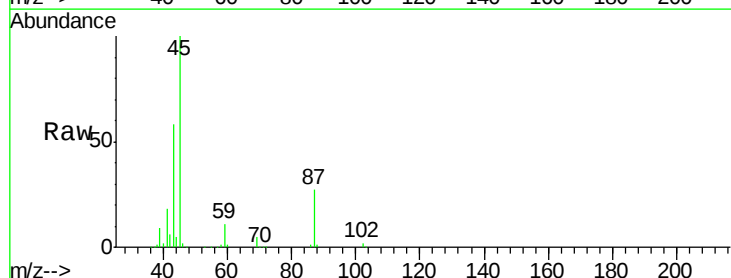
Ion Ratio Lower Upper

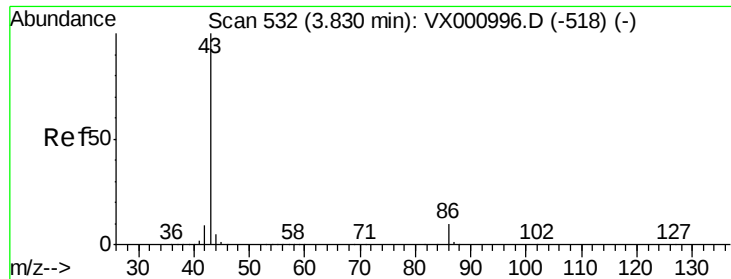
45 100

43 57.7 47.0 70.4

87 26.6 22.5 33.7

59 11.3 8.8 13.2





#23

Vinyl Acetate

Concen: 118.30 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

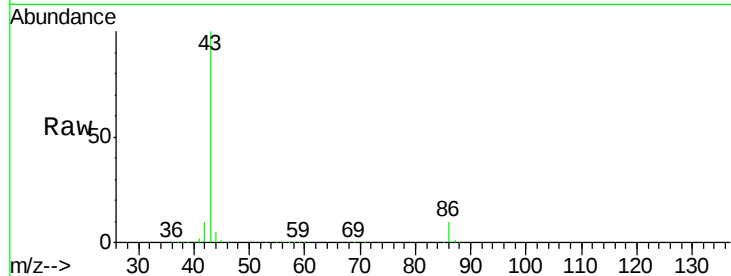
VSTDIC020

Tgt Ion: 43 Resp: 697921

Ion Ratio Lower Upper

43 100

86 9.6 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

250000

200000

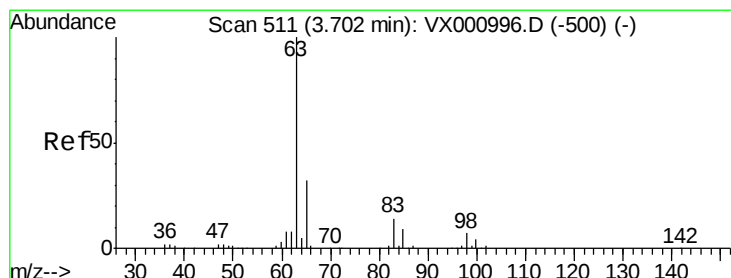
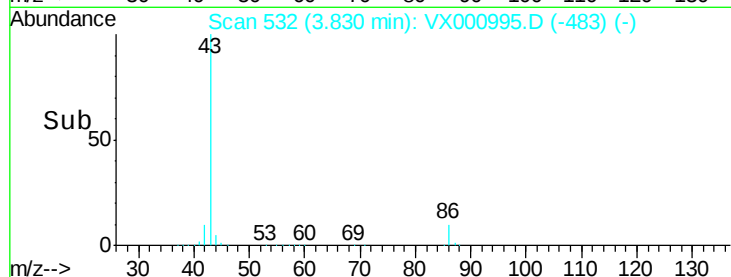
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 23.92 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

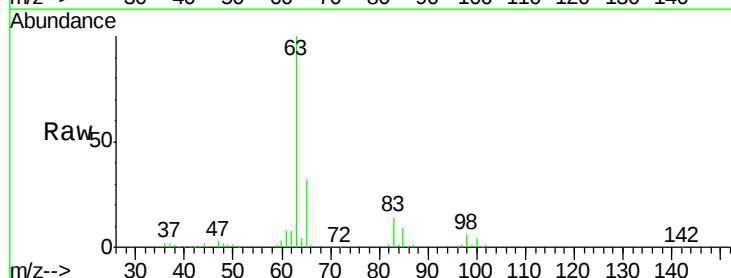
Tgt Ion: 63 Resp: 93242

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.5 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

3.70

40000

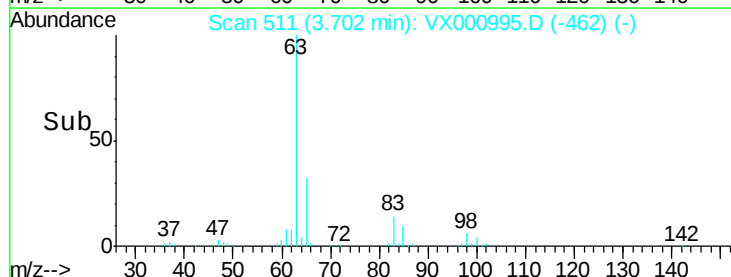
30000

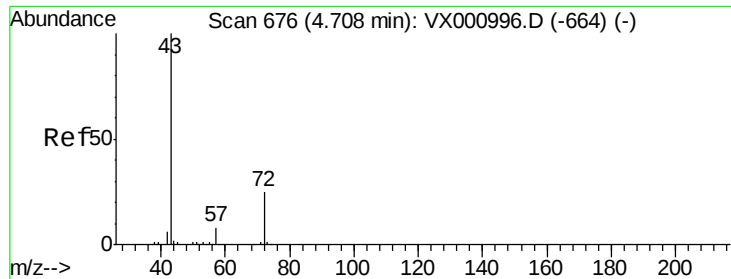
20000

10000

0

Time-->





#25

2-Butanone

Concen: 120.32 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

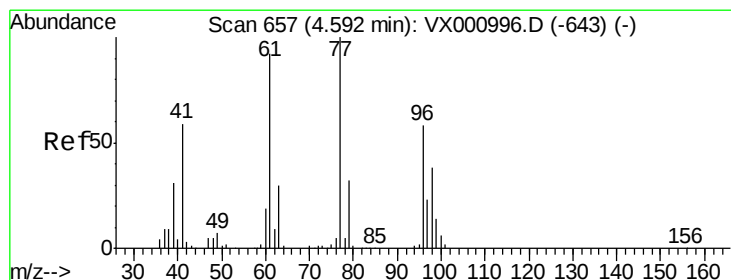
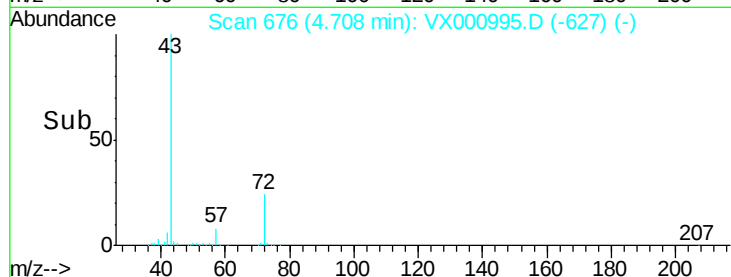
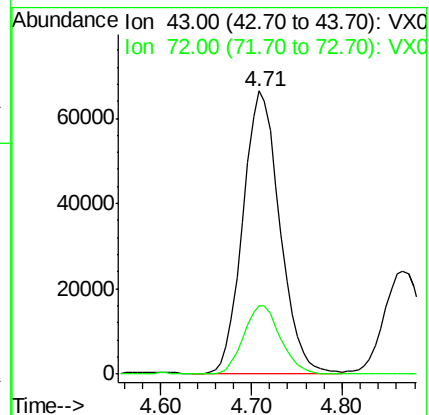
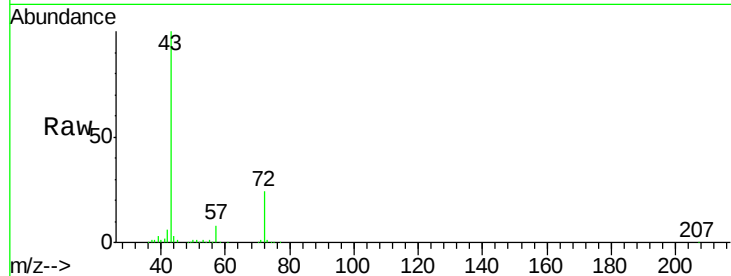
VSTDIC020

Tgt Ion: 43 Resp: 187248

Ion Ratio Lower Upper

43 100

72 24.0 19.9 29.9



#26

2,2-Dichloropropane

Concen: 23.53 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000995.D

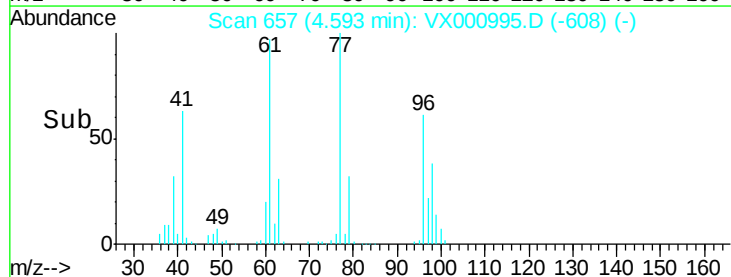
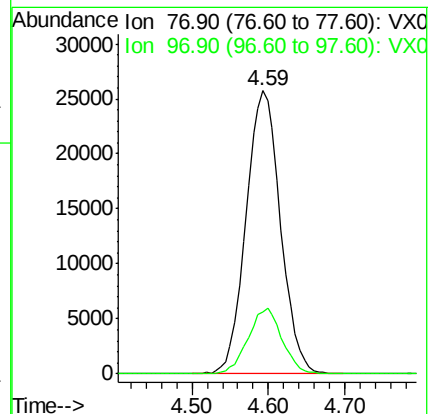
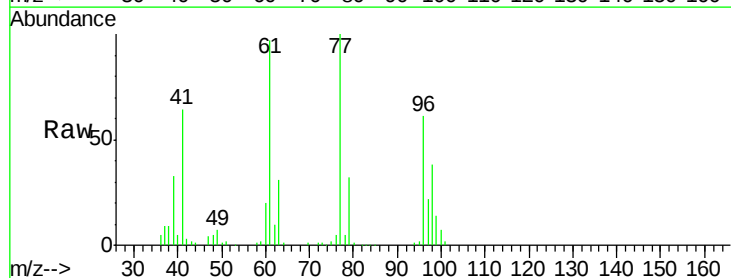
Acq: 19 Apr 2018 18:03

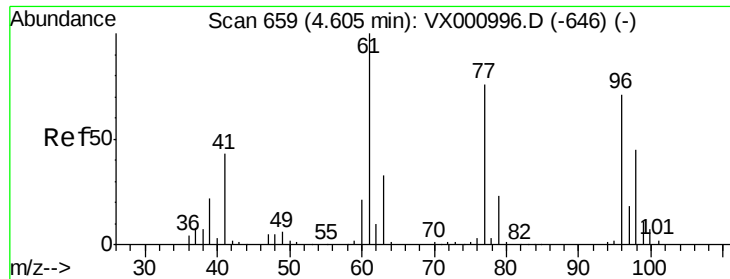
Tgt Ion: 77 Resp: 80462

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 23.97 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

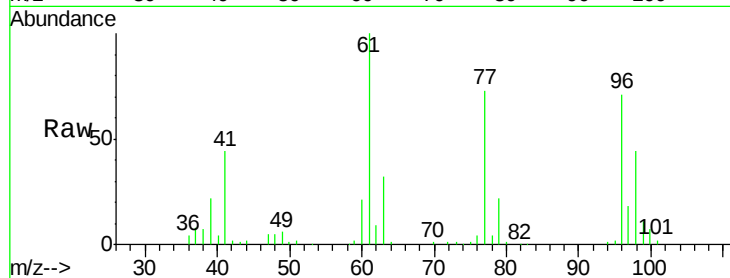
Tgt Ion: 96 Resp: 59505

Ion Ratio Lower Upper

96 100

61 146.8 0.0 297.0

98 63.9 0.0 130.0

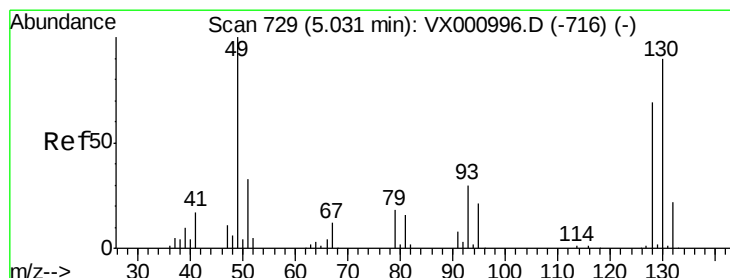
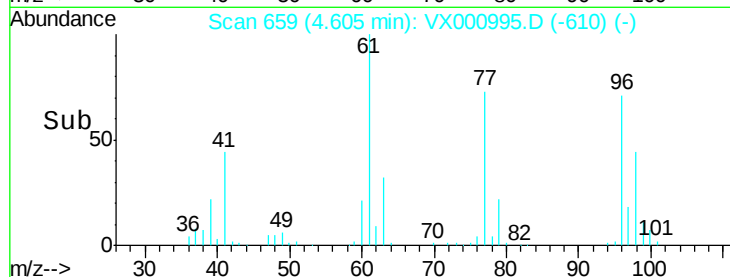
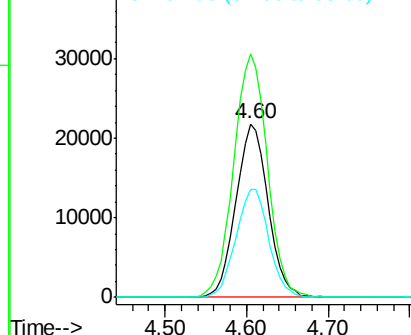


Abundance

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: 21.70 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

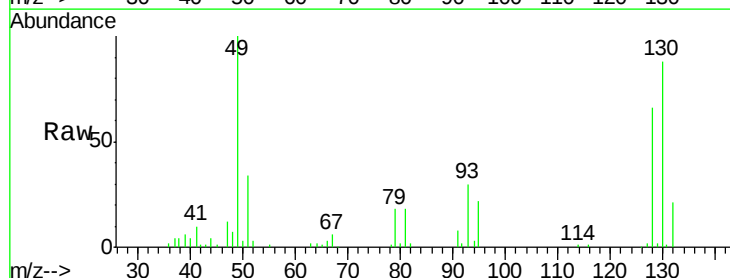
Tgt Ion: 49 Resp: 35464

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

130 87.4 70.6 105.8

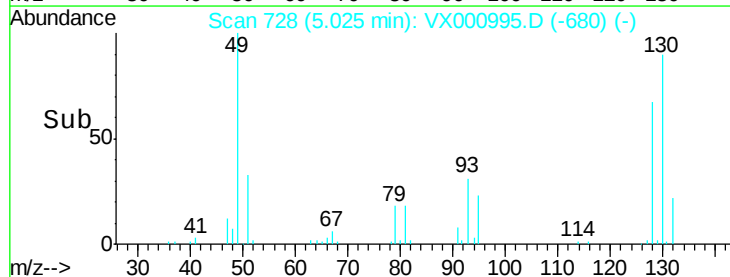
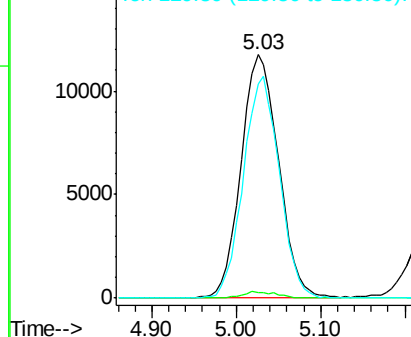


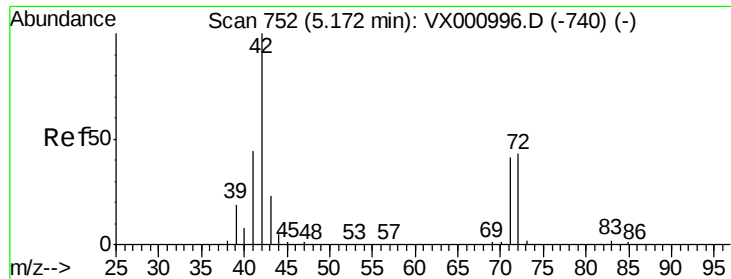
Abundance

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

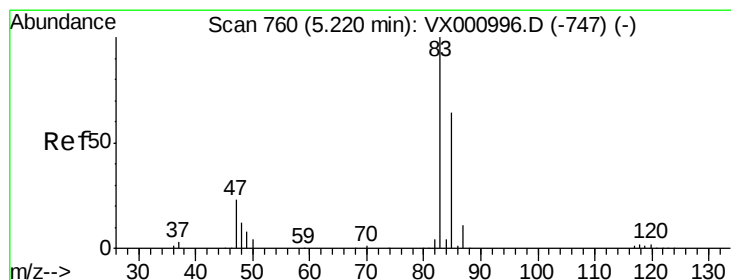
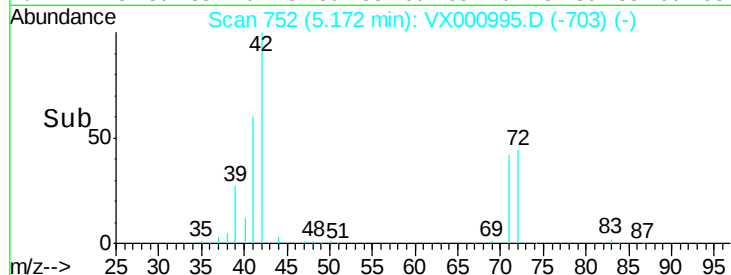
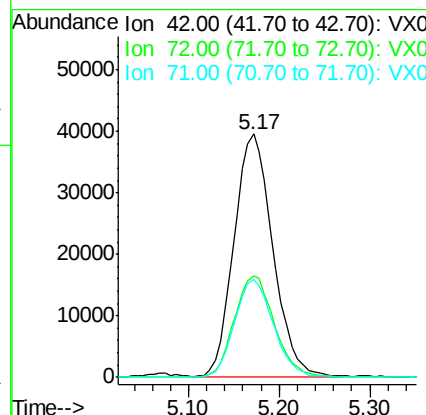
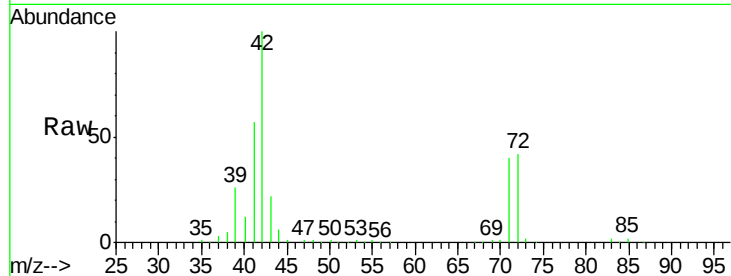




#29
Tetrahydrofuran
Concen: 117.36 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

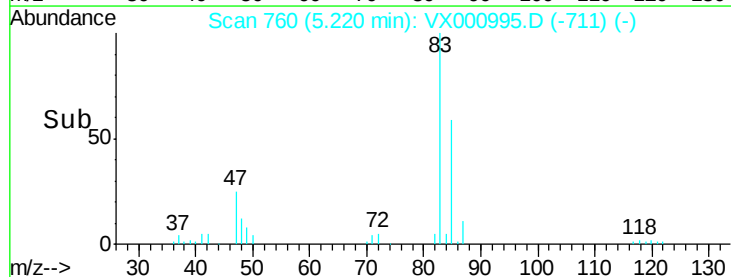
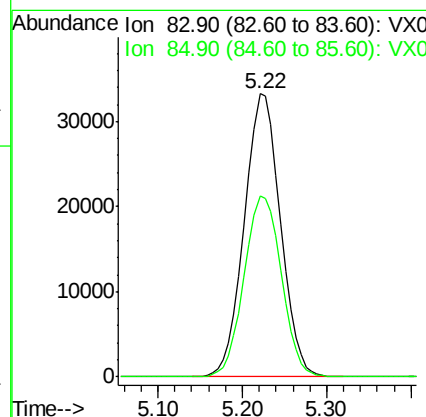
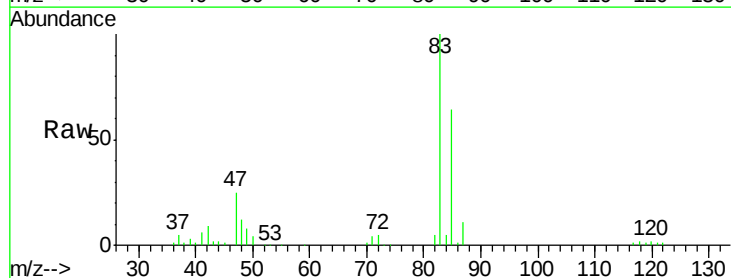
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

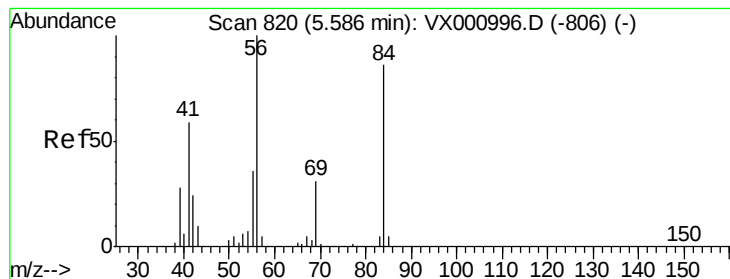
Tgt Ion: 42 Resp: 116403
Ion Ratio Lower Upper
42 100
72 43.6 34.6 52.0
71 40.8 32.6 49.0



#30
Chloroform
Concen: 24.12 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

Tgt Ion: 83 Resp: 96848
Ion Ratio Lower Upper
83 100
85 64.1 51.3 76.9





#31

Cyclohexane

Concen: 24.64 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

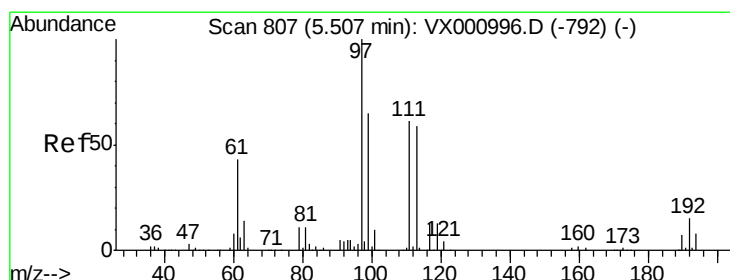
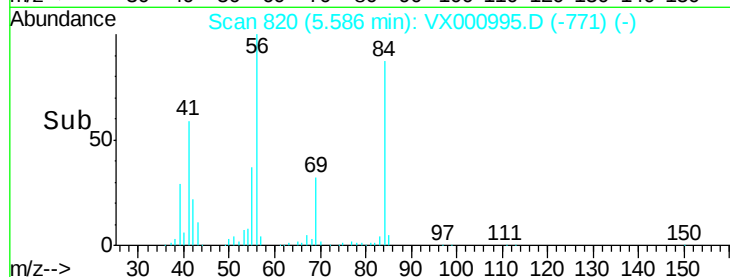
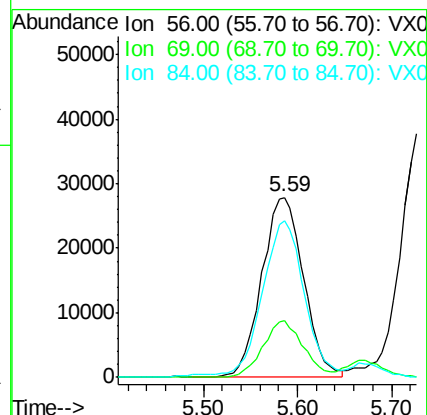
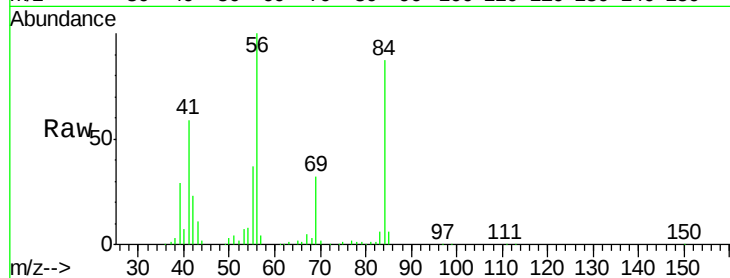
Tgt Ion: 56 Resp: 86924

Ion Ratio Lower Upper

56 100

69 31.7 24.6 36.8

84 85.6 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 24.67 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

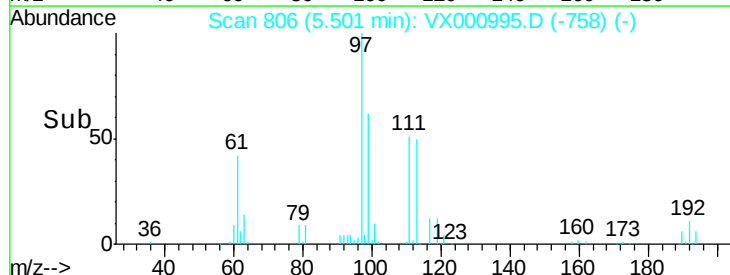
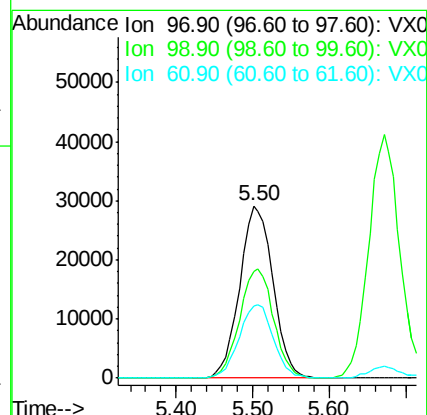
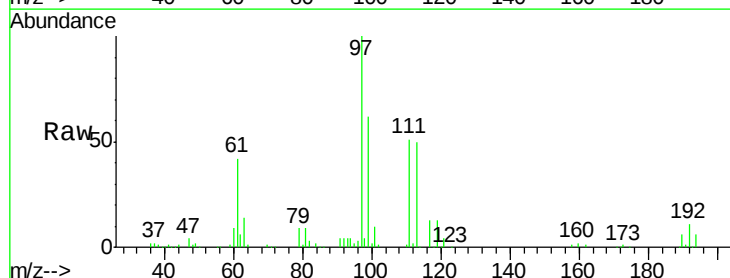
Tgt Ion: 97 Resp: 88181

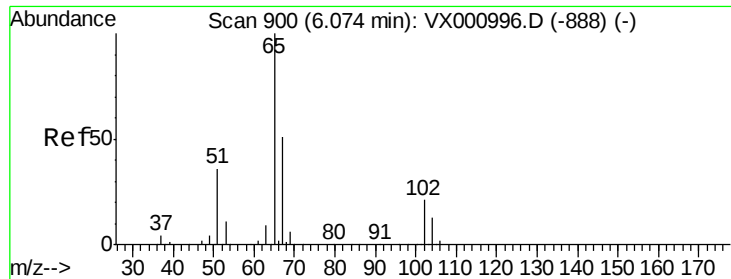
Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

61 43.8 34.4 51.6





#33

1,2-Dichloroethane-d4

Concen: 19.00 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

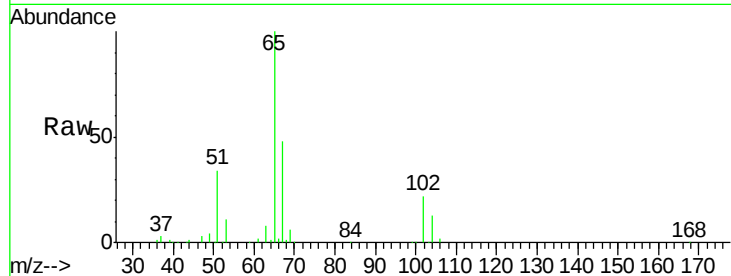
VSTDIC020

Tgt Ion: 65 Resp: 59078

Ion Ratio Lower Upper

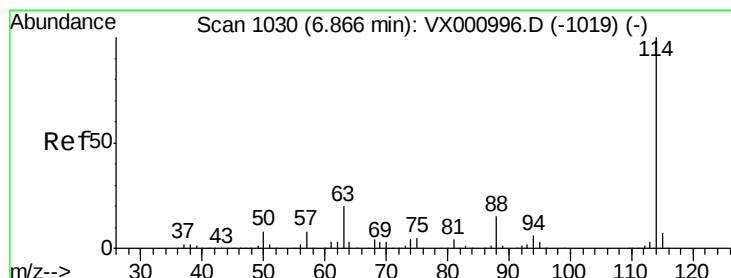
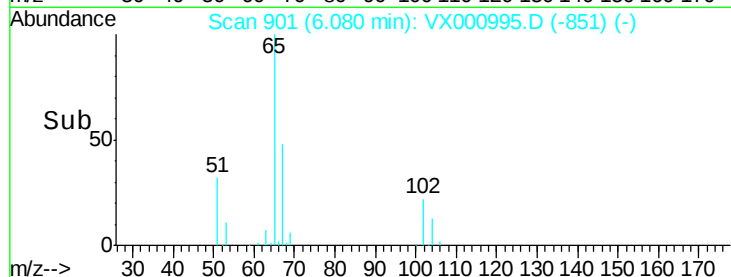
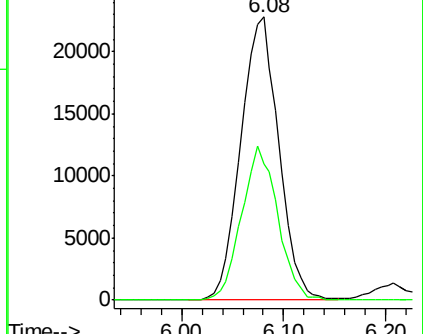
65 100

67 51.9 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# 1031

Delta R.T. 0.01 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

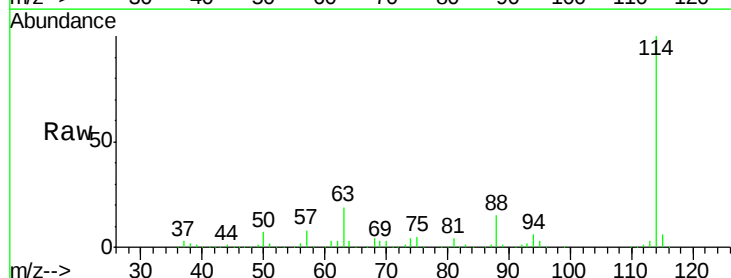
Tgt Ion: 114 Resp: 331987

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.4

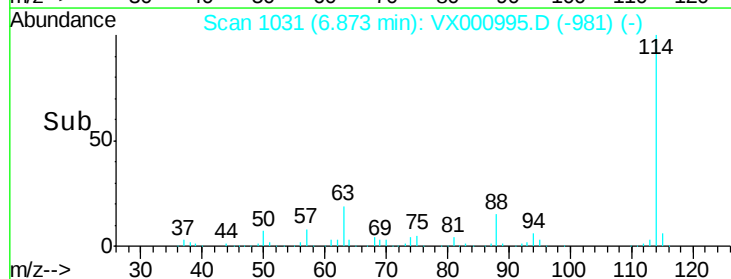
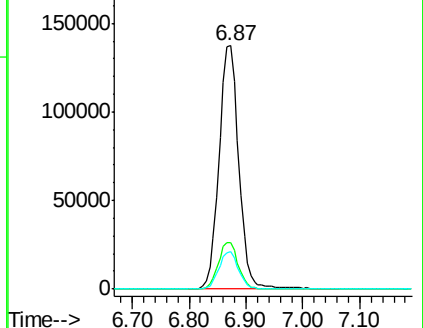
88 15.2 0.0 29.8

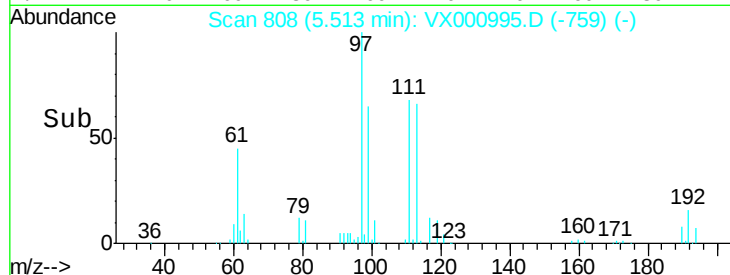
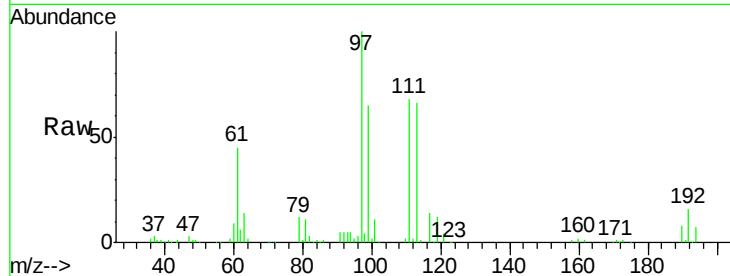
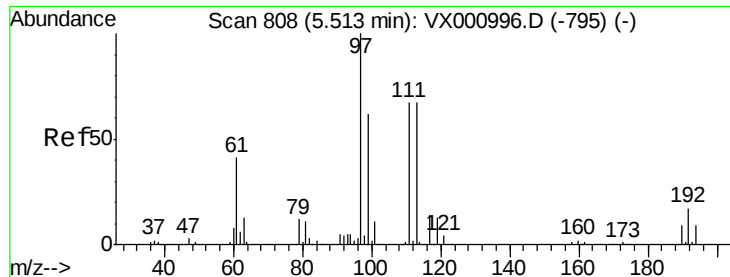


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

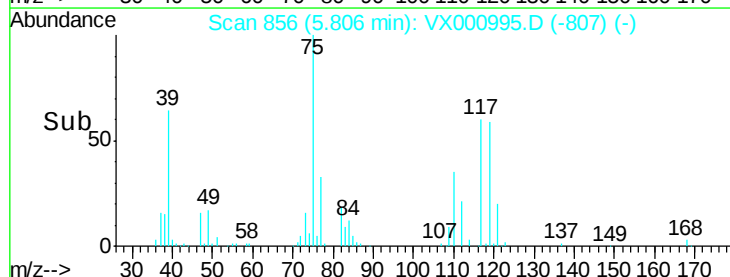
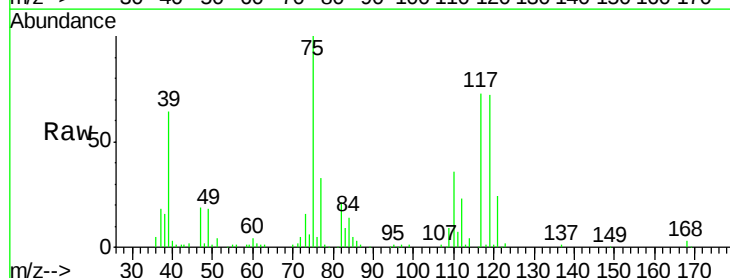
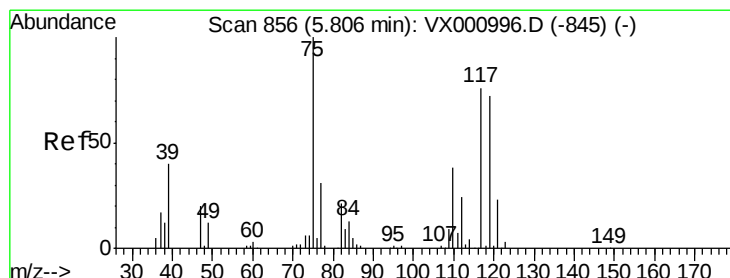
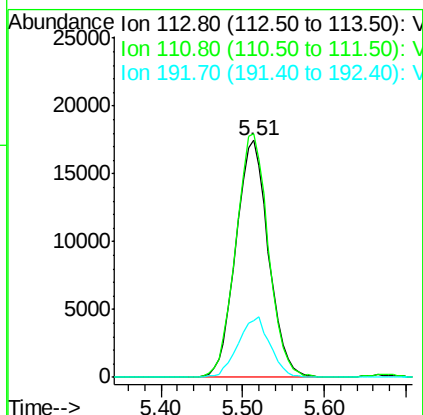




#35
Dibromofluoromethane
Concen: 20.79 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

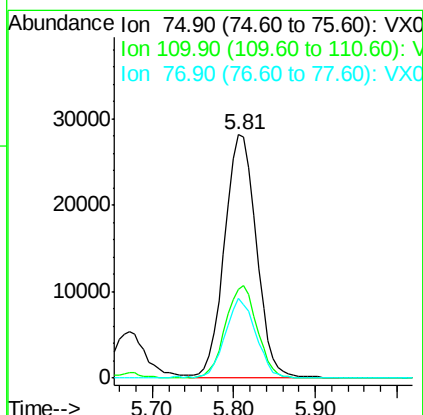
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

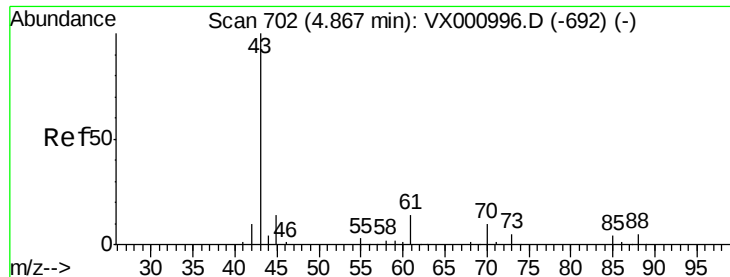
Tgt Ion:113 Resp: 48391
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.2
192 24.9 20.4 30.6



#36
1,1-Dichloropropene
Concen: 23.97 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

Tgt Ion: 75 Resp: 75833
Ion Ratio Lower Upper
75 100
110 38.0 18.7 56.1
77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 24.46 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

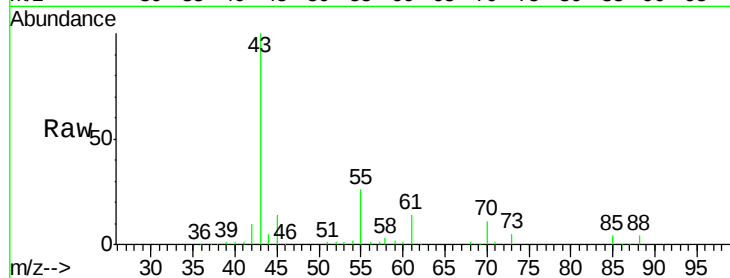
Tgt Ion: 43 Resp: 72108

Ion Ratio Lower Upper

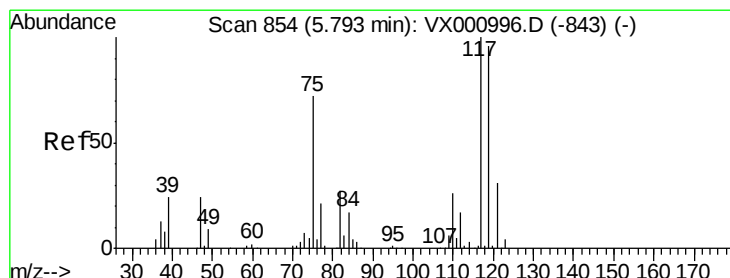
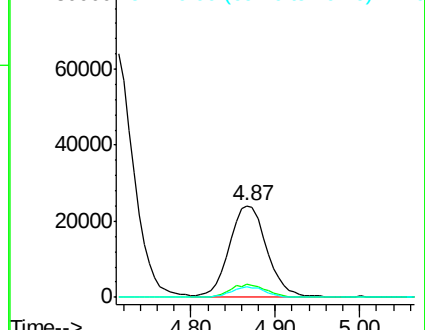
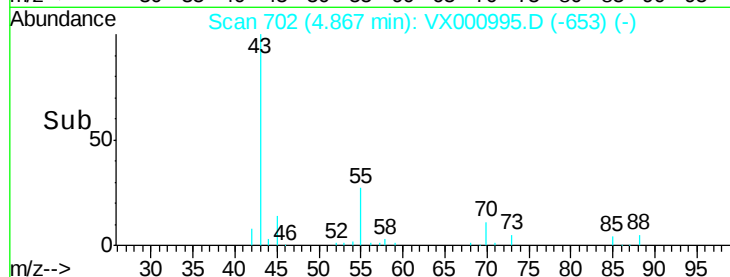
43 100

61 13.8 10.7 16.1

70 10.9 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX000995.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 22.92 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

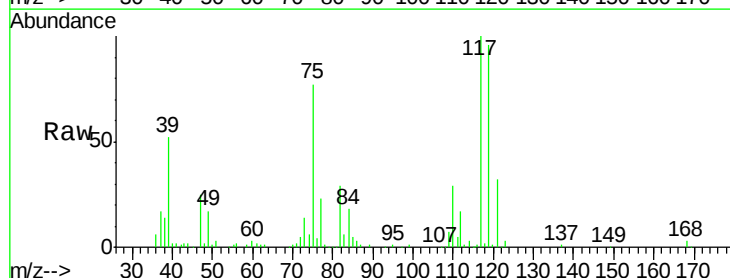
Tgt Ion: 117 Resp: 75508

Ion Ratio Lower Upper

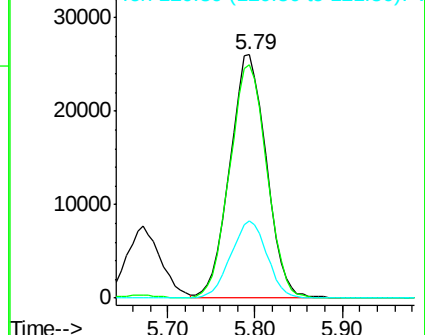
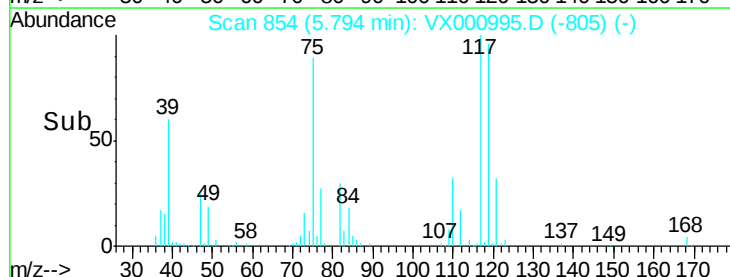
117 100

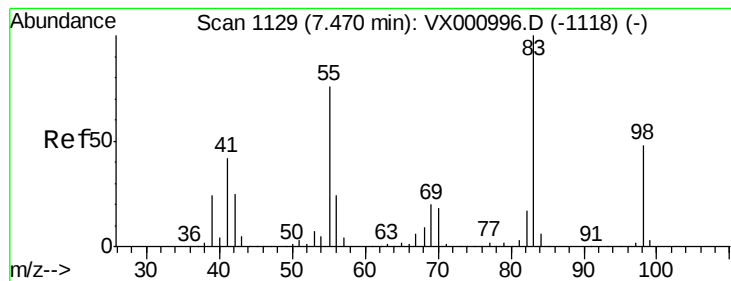
119 96.1 76.5 114.7

121 32.1 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): VX000995.D (-805) (-)





#39

Methylcyclohexane

Concen: 23.40 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

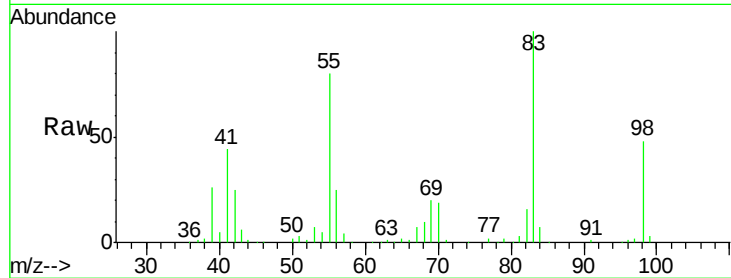
Tgt Ion: 83 Resp: 88502

Ion Ratio Lower Upper

83 100

55 80.0 60.6 91.0

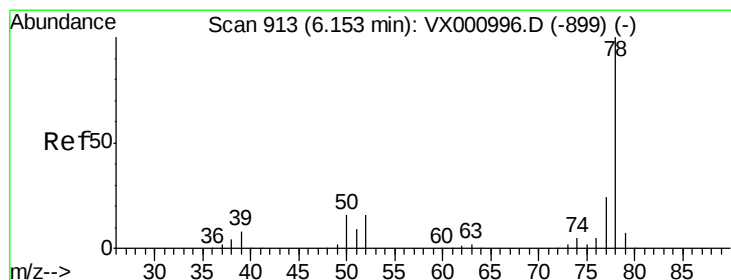
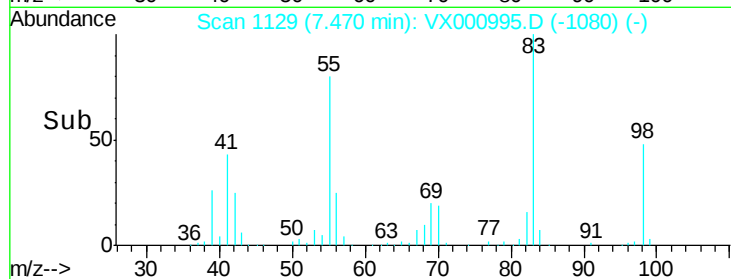
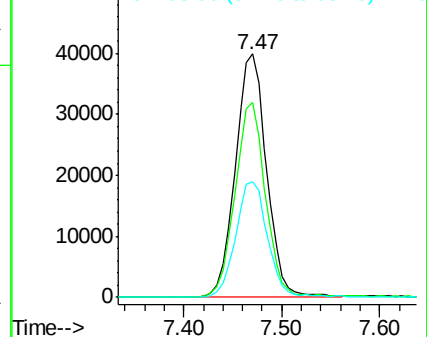
98 47.6 38.2 57.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 24.50 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX000995.D

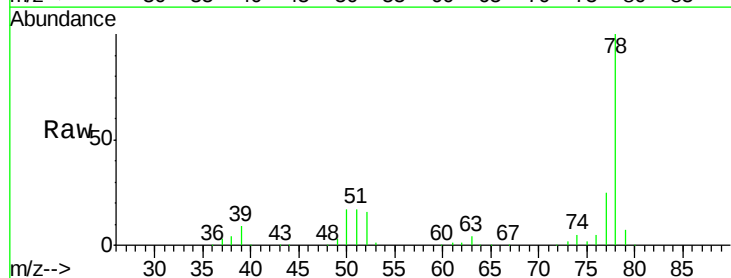
Acq: 19 Apr 2018 18:03

Tgt Ion: 78 Resp: 216252

Ion Ratio Lower Upper

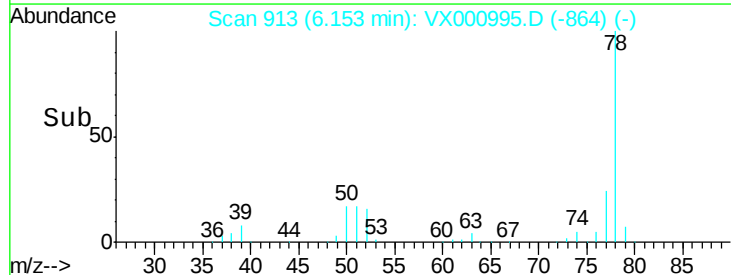
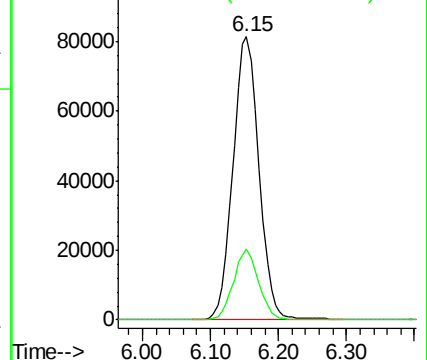
78 100

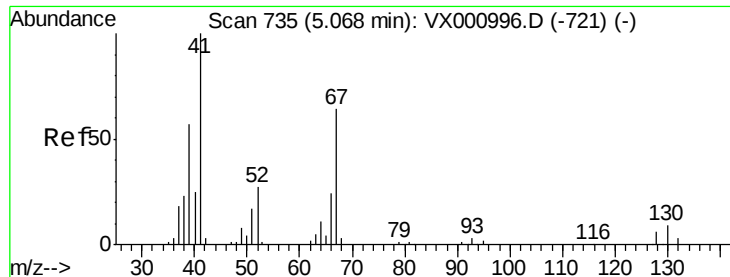
77 25.0 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 23.25 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 42937

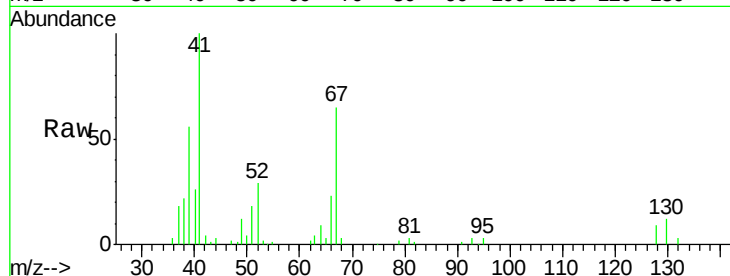
Ion Ratio Lower Upper

41 100

39 57.3 45.2 67.8

67 66.8 53.8 80.8

52 28.9 22.4 33.6

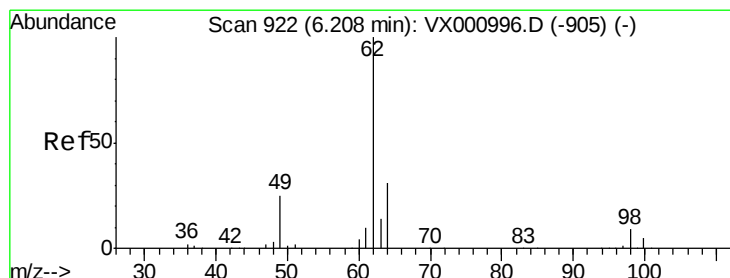
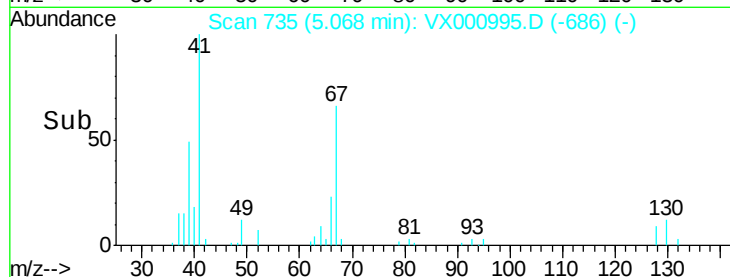
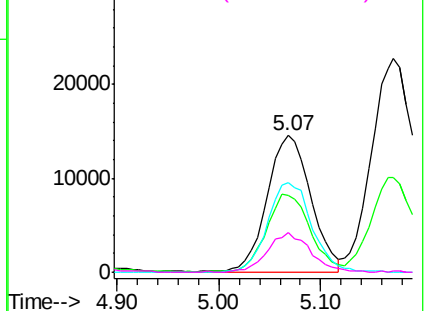


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 24.33 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.00 min

Lab File: VX000995.D

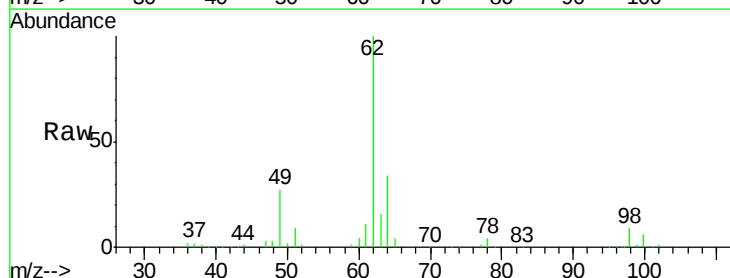
Acq: 19 Apr 2018 18:03

Tgt Ion: 62 Resp: 83405

Ion Ratio Lower Upper

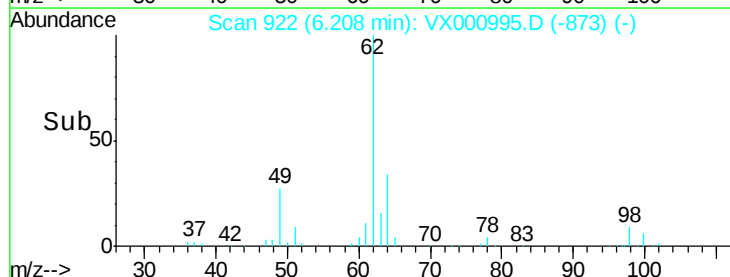
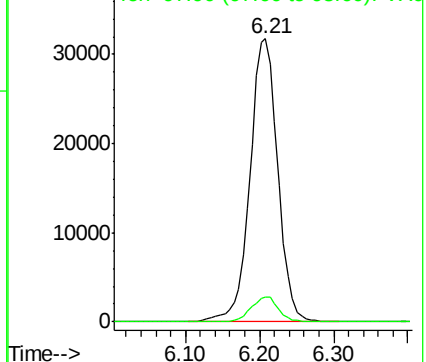
62 100

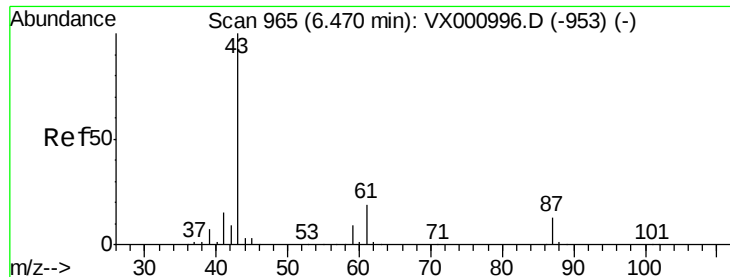
98 8.6 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 24.25 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

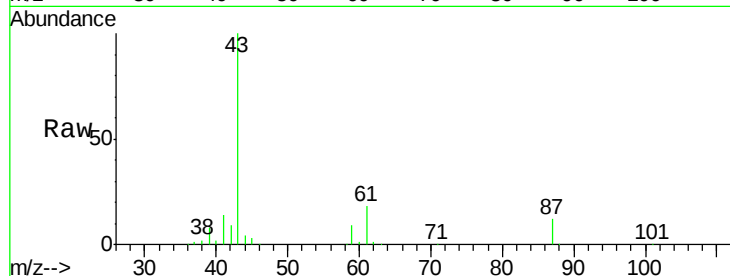
Tgt Ion: 43 Resp: 120918

Ion Ratio Lower Upper

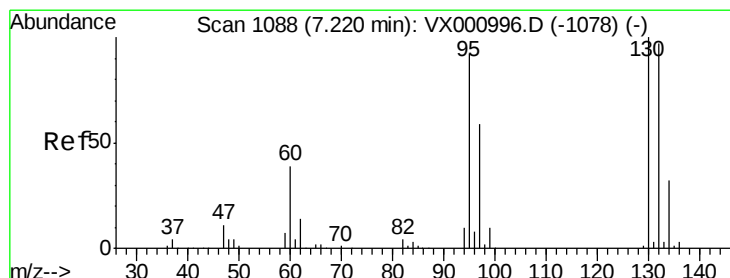
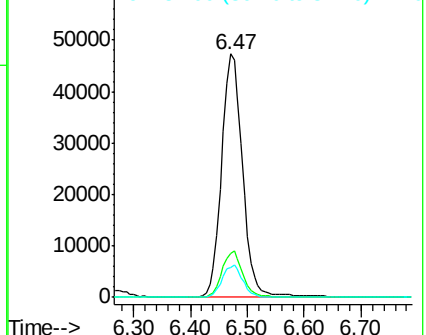
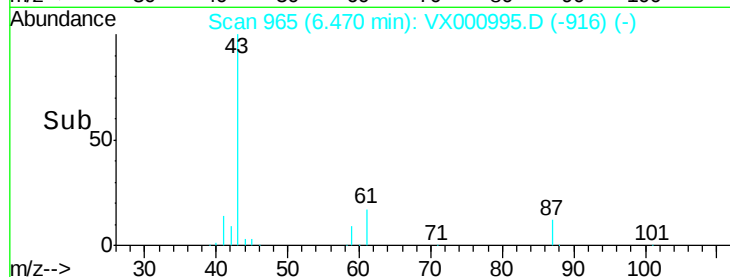
43 100

61 18.8 15.4 23.2

87 12.9 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX000995.D (-916) (-)



#44

Trichloroethene

Concen: 23.31 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000995.D

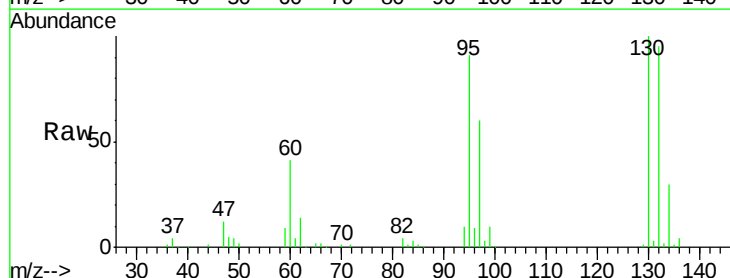
Acq: 19 Apr 2018 18:03

Tgt Ion: 130 Resp: 64836

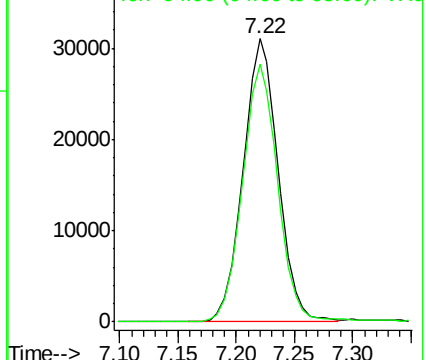
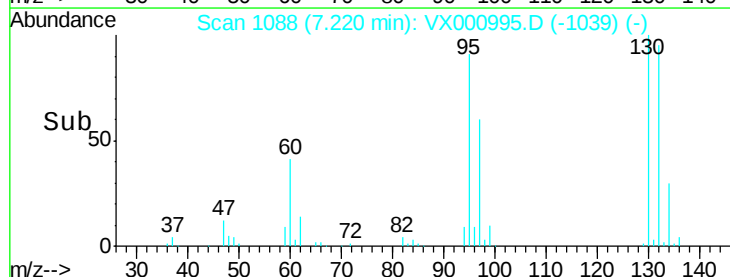
Ion Ratio Lower Upper

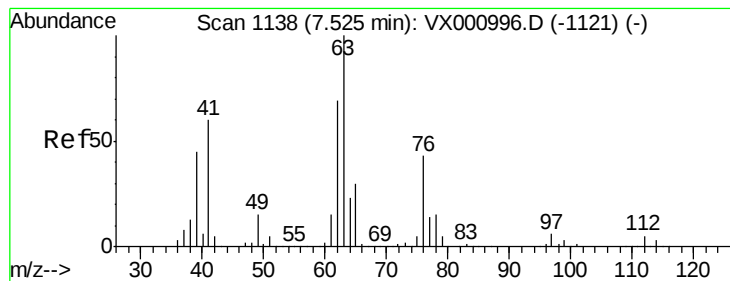
130 100

95 91.0 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VX000995.D (-1039) (-)





#45

1,2-Dichloropropane

Concen: 24.03 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

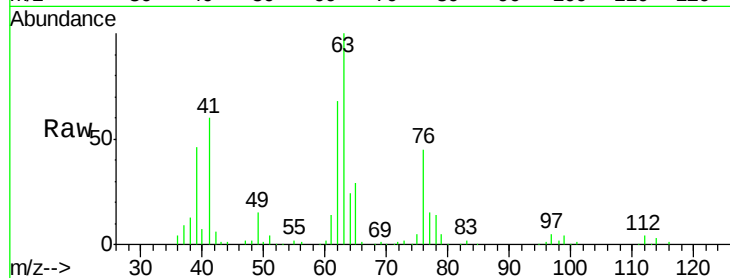
VSTDIC020

Tgt Ion: 63 Resp: 55123

Ion Ratio Lower Upper

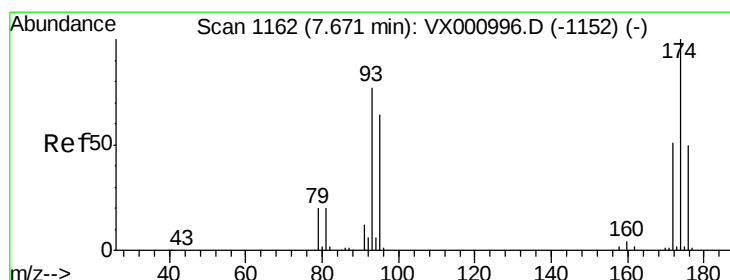
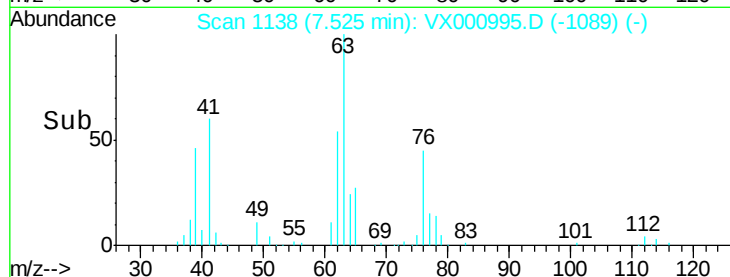
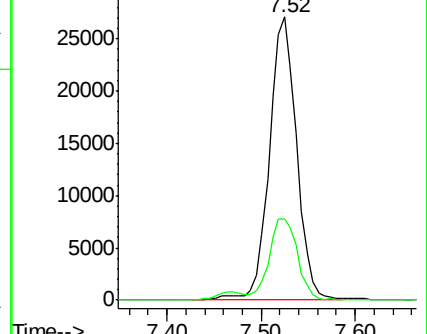
63 100

65 28.8 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: 23.81 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

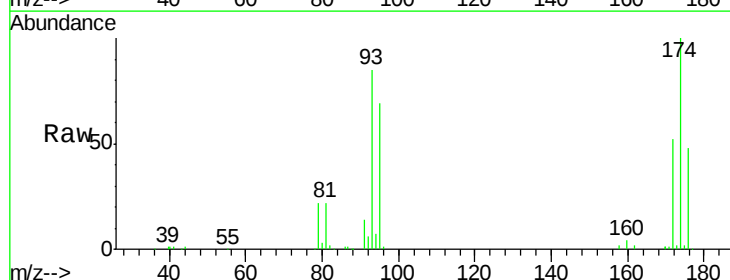
Tgt Ion: 93 Resp: 37668

Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

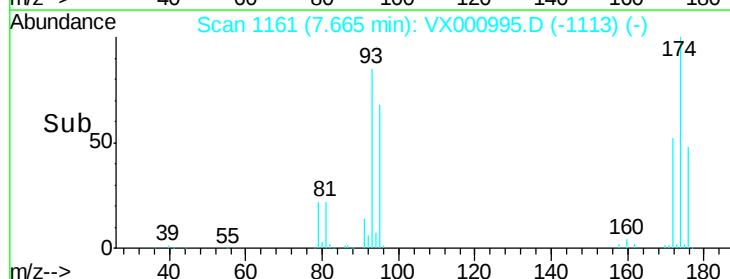
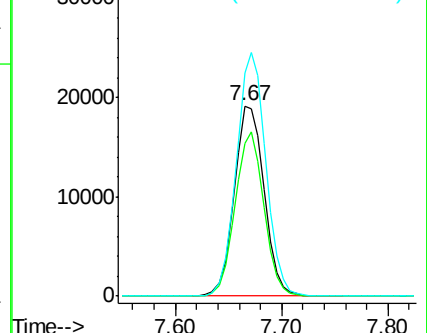
174 126.0 101.8 152.6

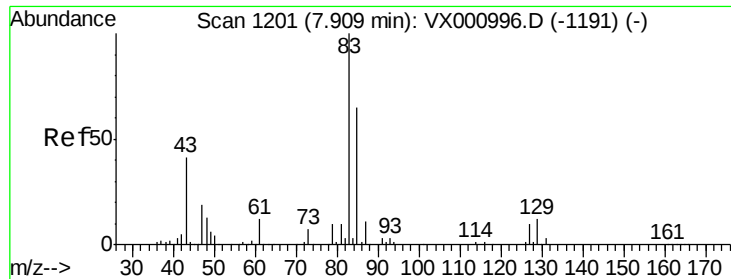


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 23.87 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

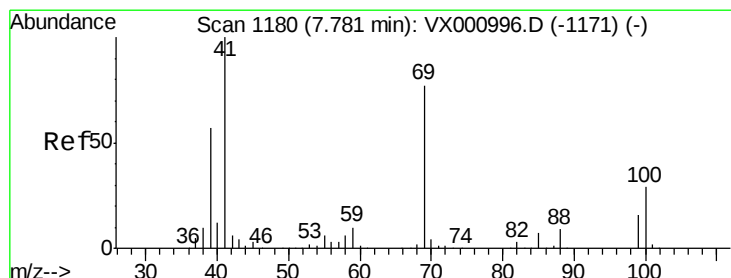
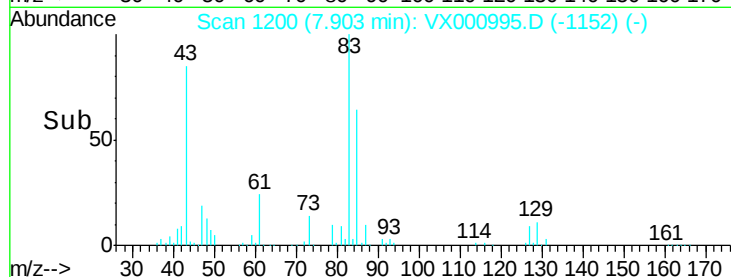
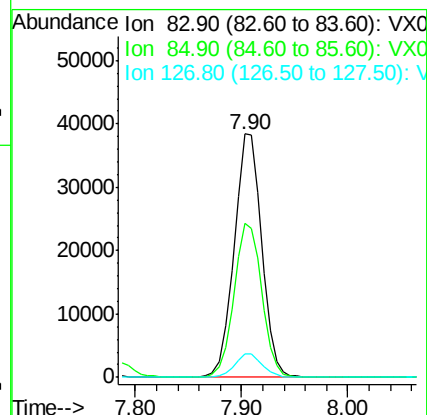
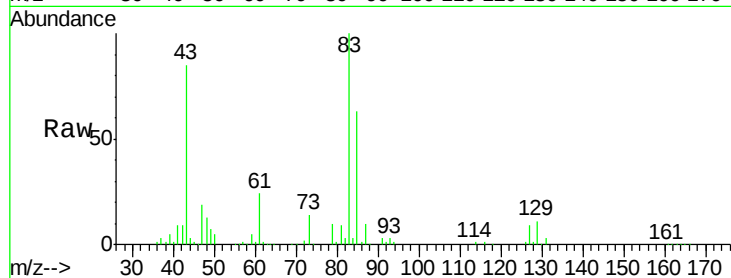
Tgt Ion: 83 Resp: 69929

Ion Ratio Lower Upper

83 100

85 63.2 52.3 78.5

127 9.4 7.8 11.6



#48

Methyl methacrylate

Concen: 23.07 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

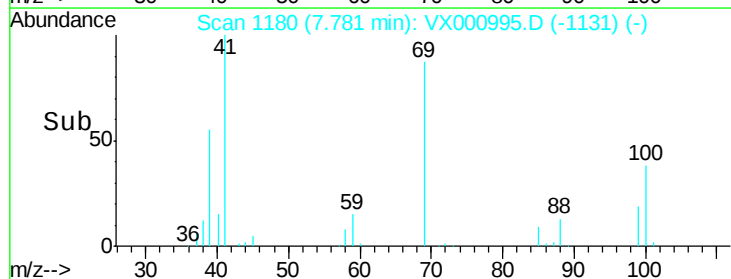
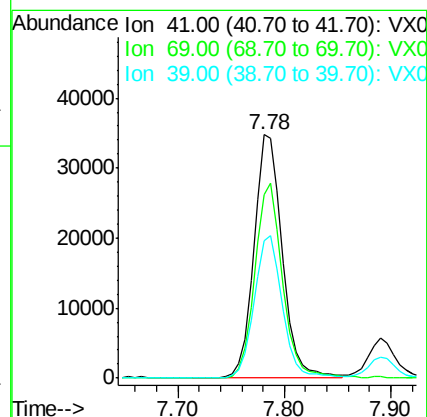
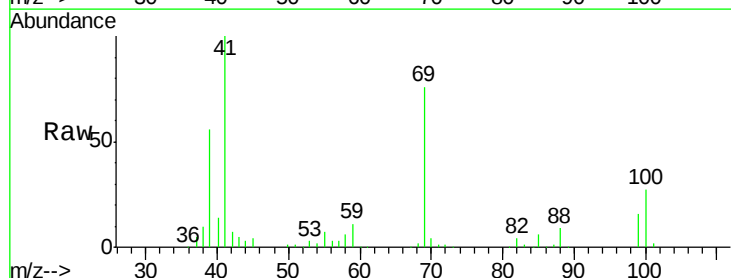
Tgt Ion: 41 Resp: 64558

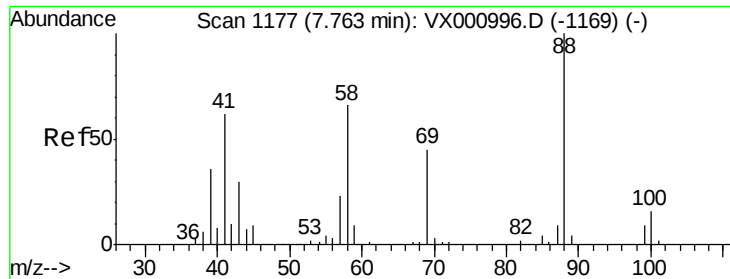
Ion Ratio Lower Upper

41 100

69 78.9 62.6 94.0

39 57.9 45.3 67.9

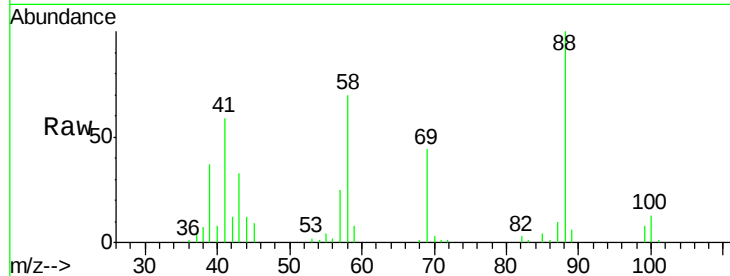




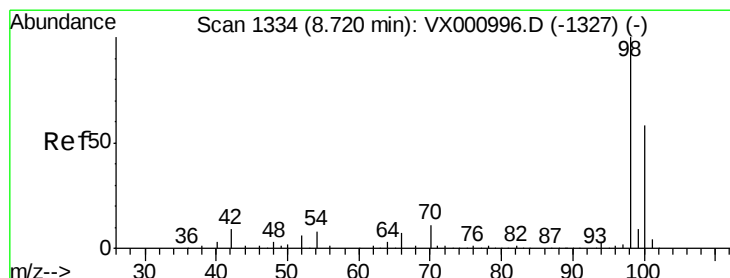
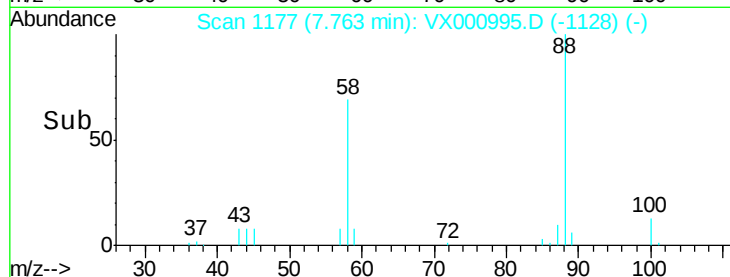
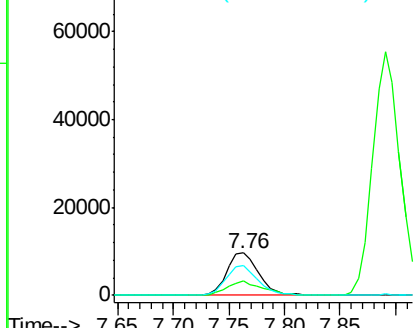
#49
1,4-Dioxane
Concen: 504.73 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 19241
Ion Ratio Lower Upper
88 100
43 34.9 29.2 43.8
58 70.1 55.0 82.6

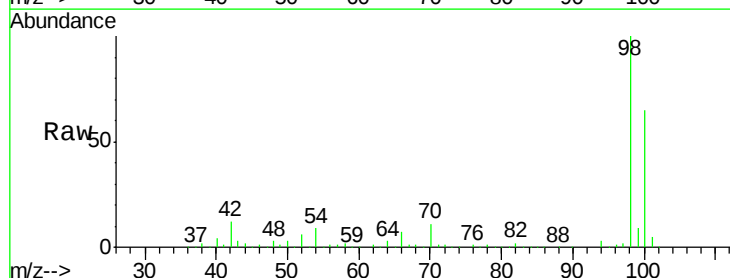


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

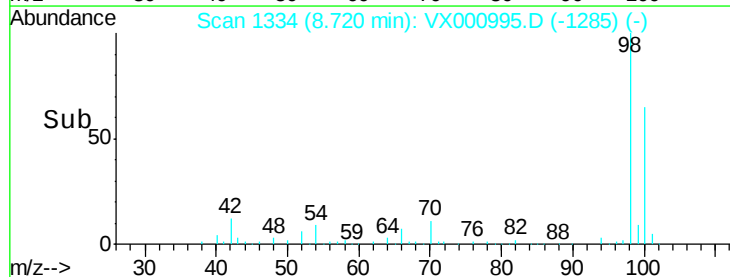
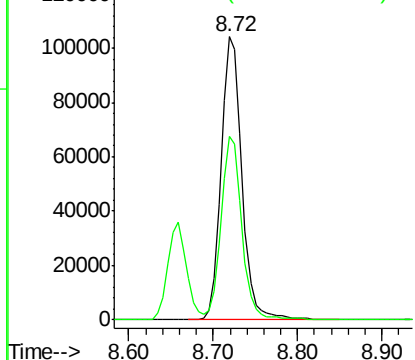


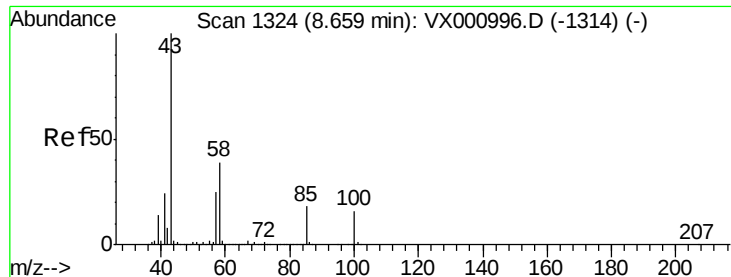
#50
Toluene-d8
Concen: 21.04 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

Tgt Ion: 98 Resp: 175811
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

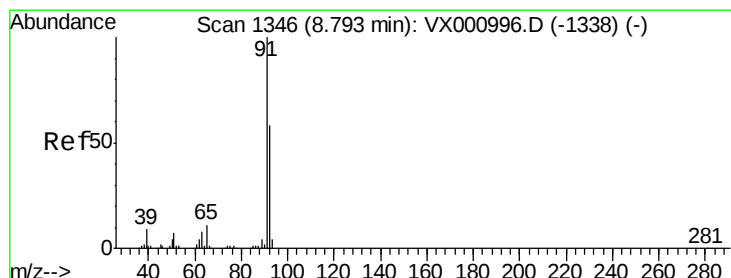
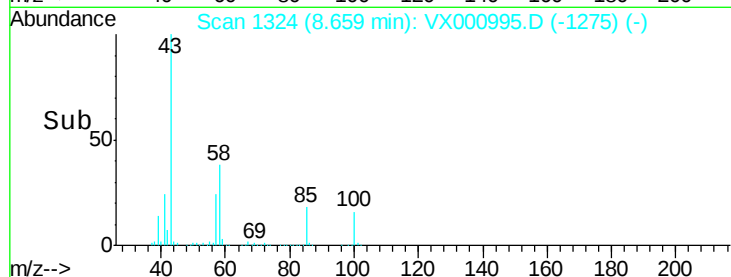
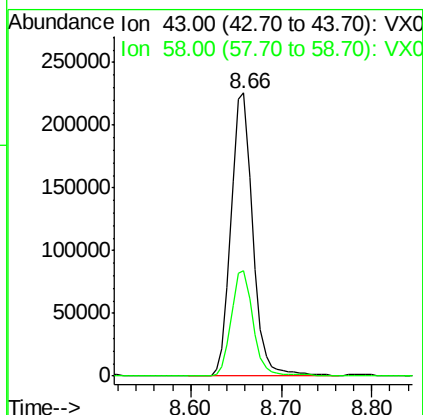
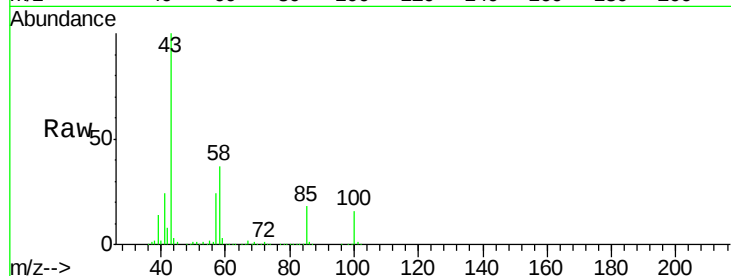




#51
 4-Methyl-2-Pentanone
 Concen: 124.79 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX000995.D
 Acq: 19 Apr 2018 18:03

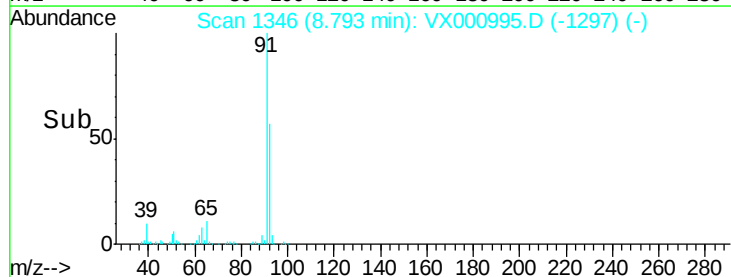
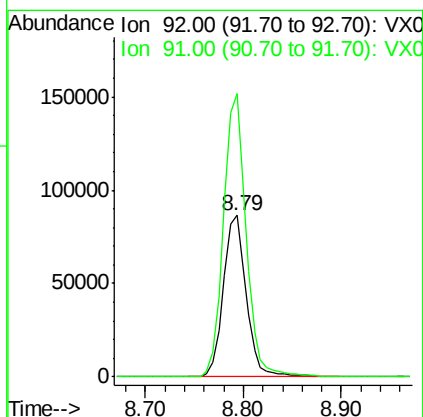
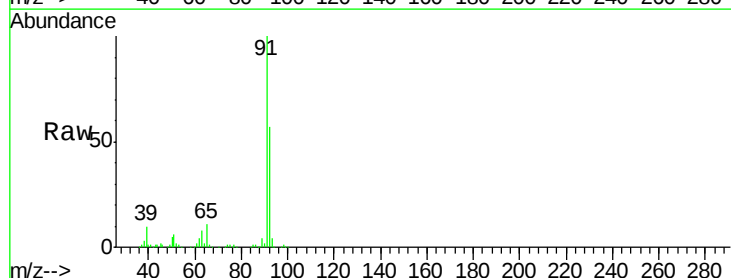
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

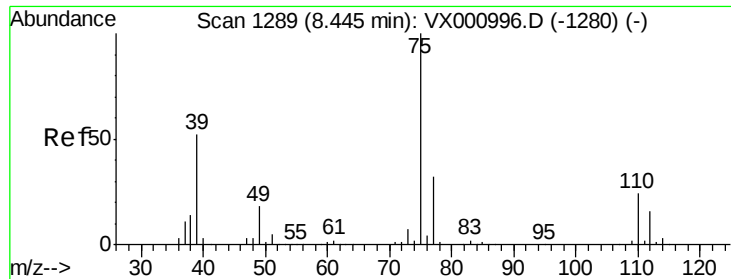
Tgt Ion: 43 Resp: 377205
 Ion Ratio Lower Upper
 43 100
 58 38.0 30.2 45.4



#52
 Toluene
 Concen: 24.32 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX000995.D
 Acq: 19 Apr 2018 18:03

Tgt Ion: 92 Resp: 140919
 Ion Ratio Lower Upper
 92 100
 91 174.0 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 23.83 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

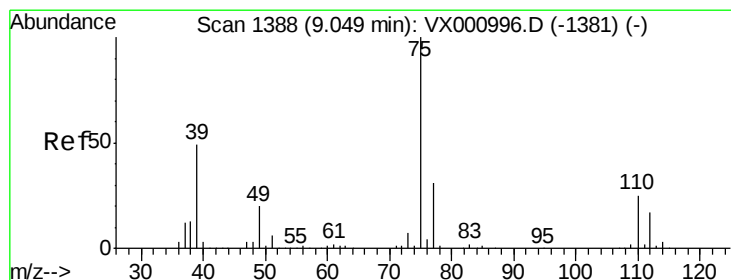
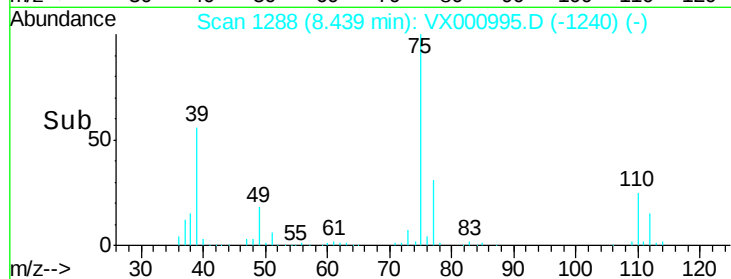
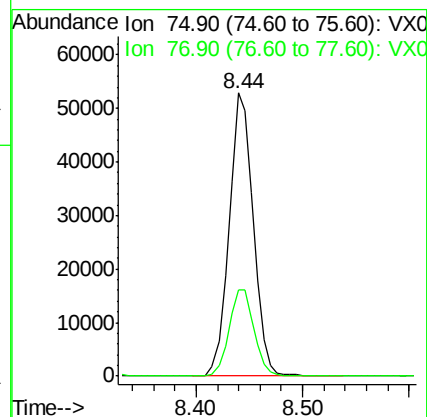
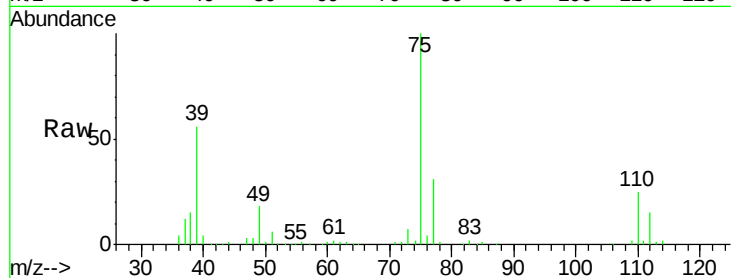
VSTDIC020

Tgt Ion: 75 Resp: 83788

Ion Ratio Lower Upper

75 100

77 30.6 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 23.35 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

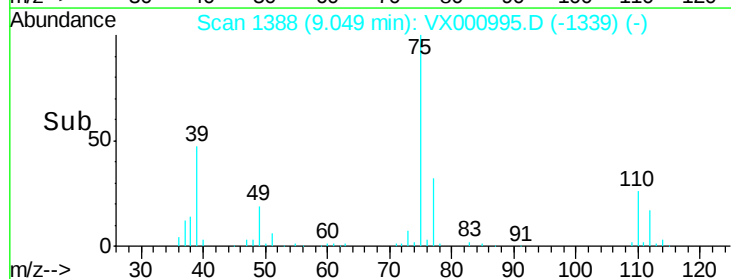
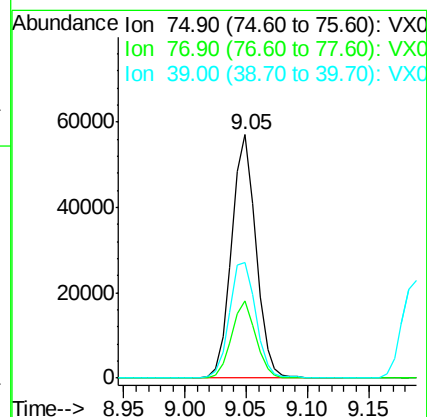
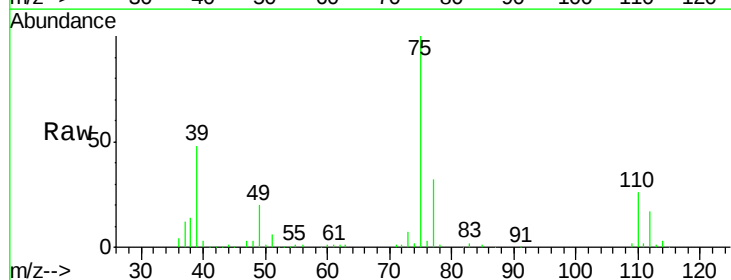
Tgt Ion: 75 Resp: 78316

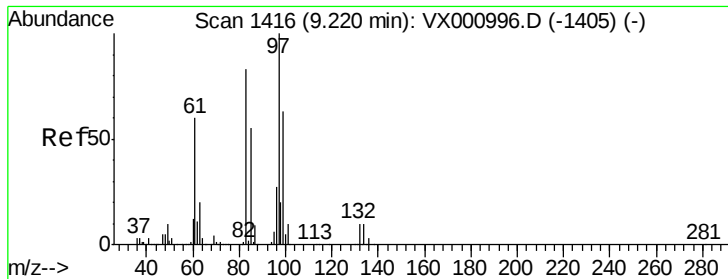
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

39 47.6 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 24.45 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tgt Ion: 97 Resp: 55095

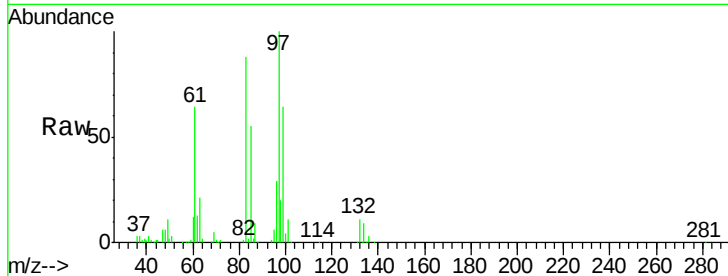
Ion Ratio Lower Upper

97 100

83 87.9 66.2 99.4

85 54.7 44.2 66.4

99 63.6 50.2 75.4

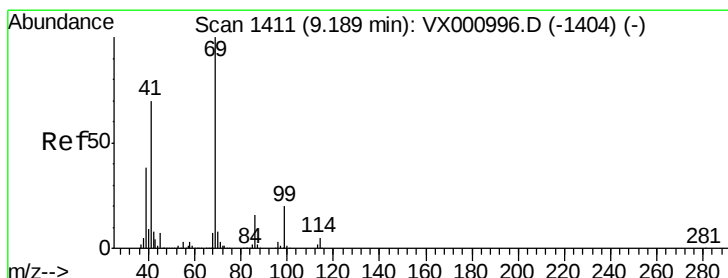
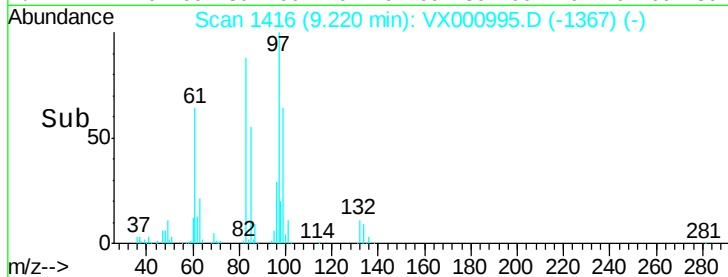
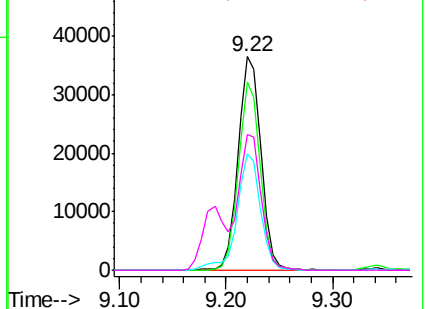


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 24.00 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

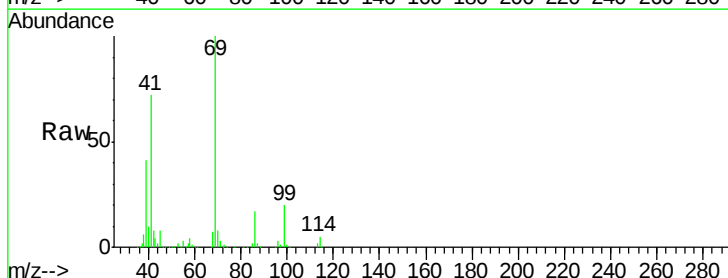
Tgt Ion: 69 Resp: 81945

Ion Ratio Lower Upper

69 100

41 71.1 56.3 84.5

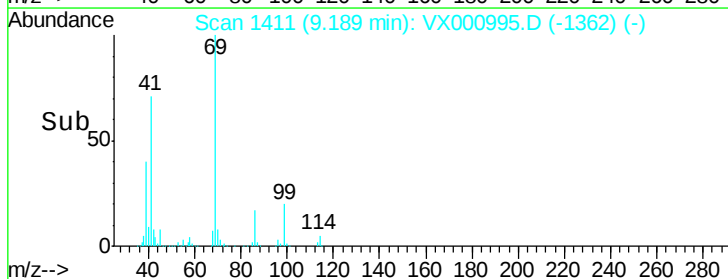
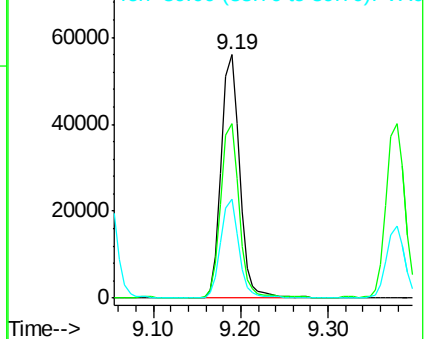
39 39.9 30.4 45.6

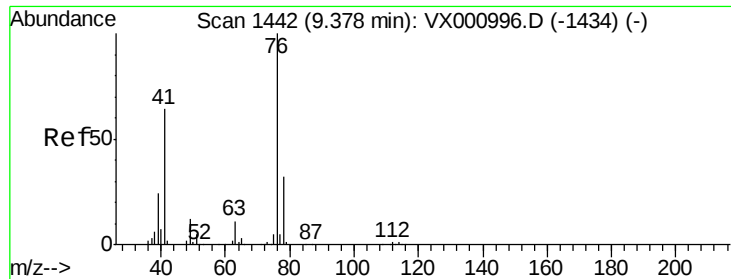


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

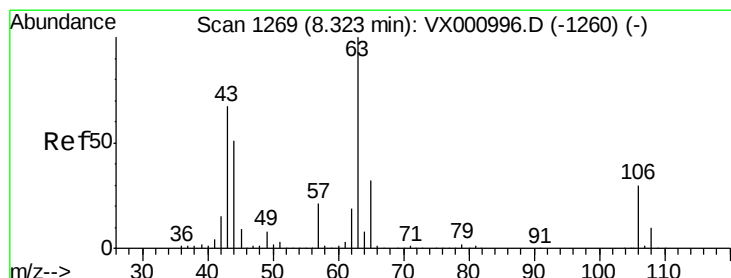
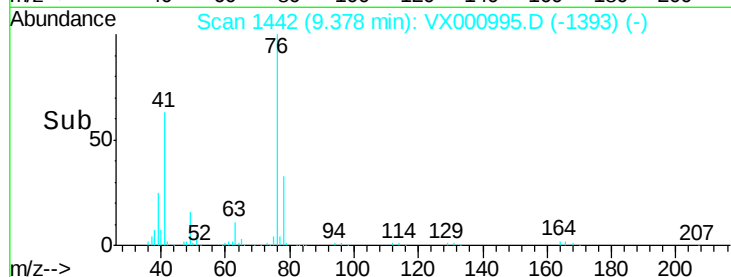
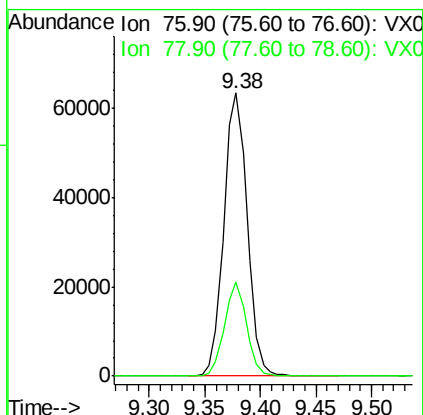
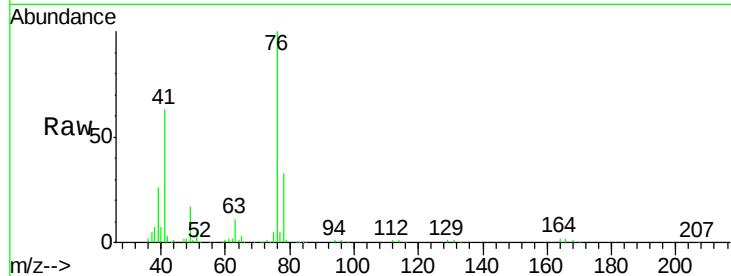




#57
 1,3-Dichloropropane
 Concen: 24.73 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000995.D
 Acq: 19 Apr 2018 18:03

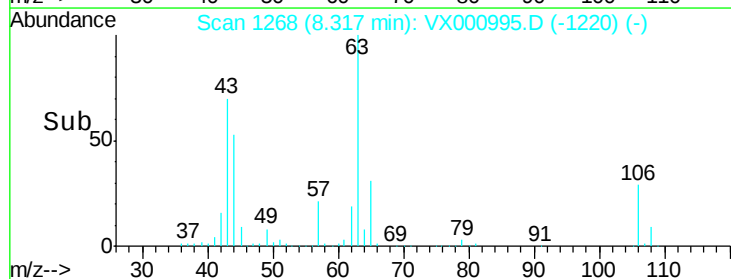
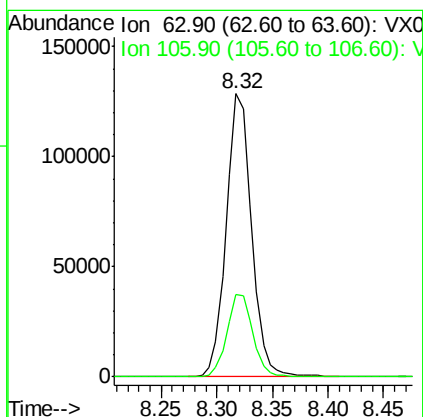
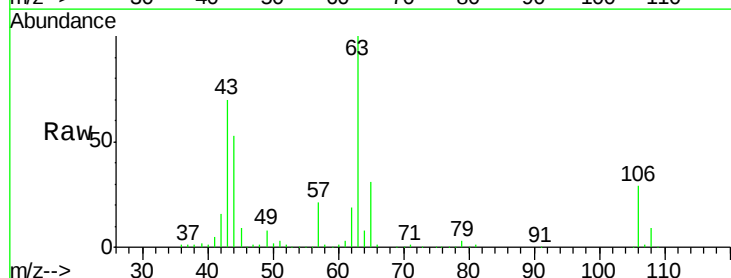
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

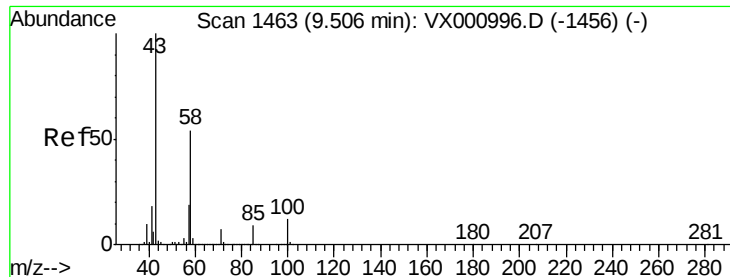
Tgt Ion: 76 Resp: 92108
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 129.58 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000995.D
 Acq: 19 Apr 2018 18:03

Tgt Ion: 63 Resp: 201702
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.8 35.6

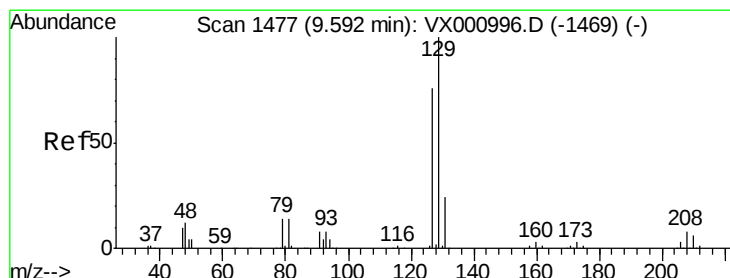
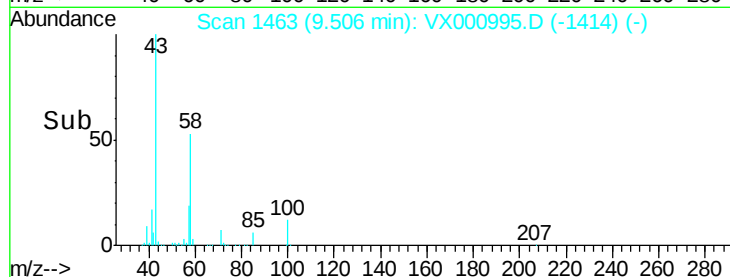
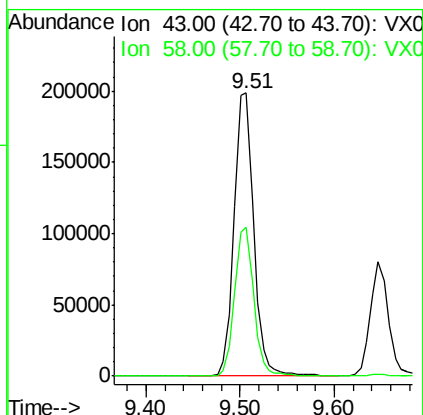
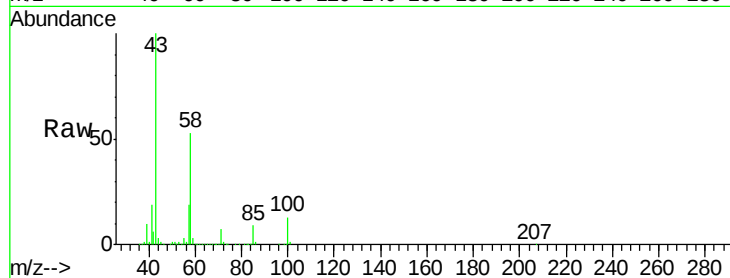




#59
2-Hexanone
Concen: 124.60 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

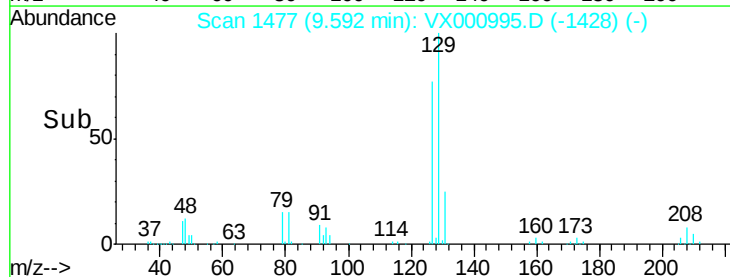
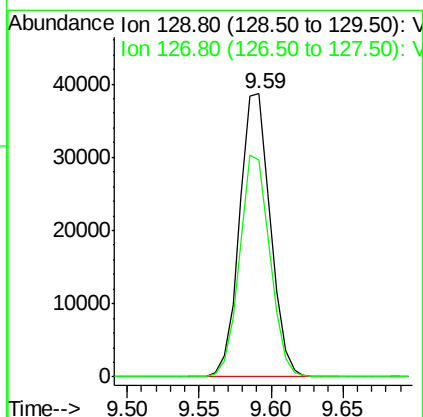
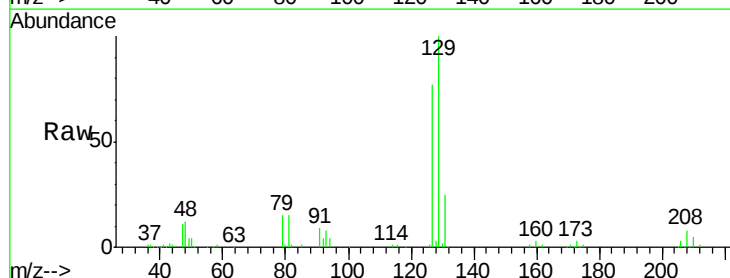
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

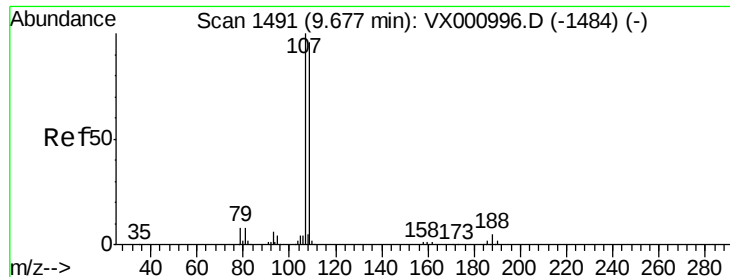
Tgt Ion: 43 Resp: 288835
Ion Ratio Lower Upper
43 100
58 51.8 26.3 78.9



#60
Dibromochloromethane
Concen: 23.07 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

Tgt Ion: 129 Resp: 57339
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 24.31 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

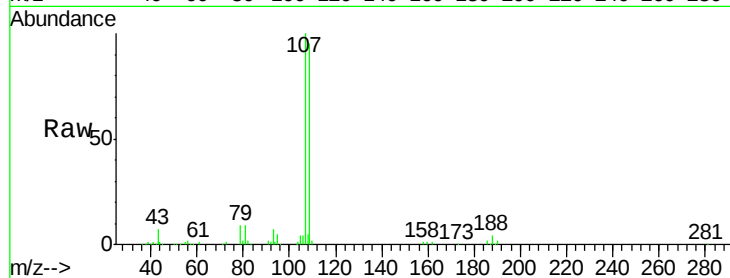
VSTDIC020

Tgt Ion: 107 Resp: 59216

Ion Ratio Lower Upper

107 100

109 95.2 76.0 114.0

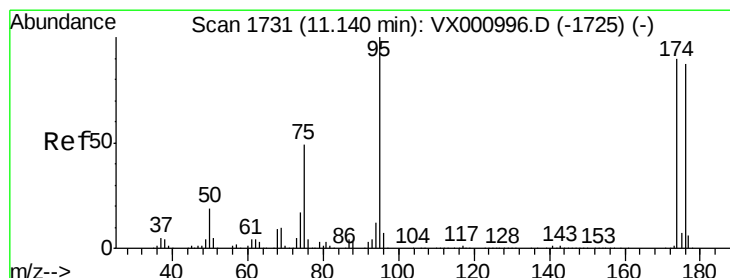
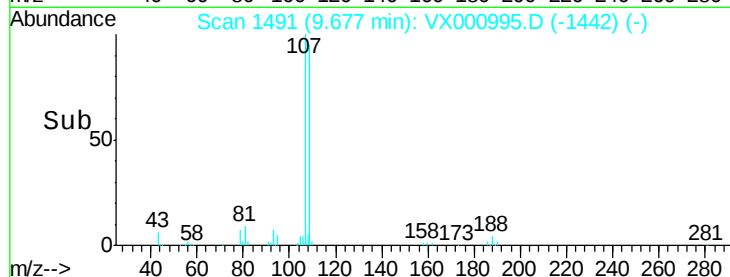


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

Time-->



#62

4-Bromofluorobenzene

Concen: 21.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

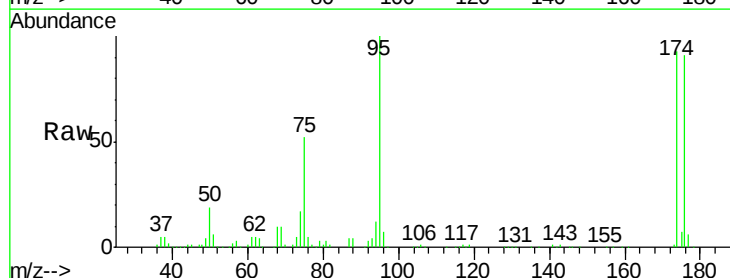
Tgt Ion: 95 Resp: 72822

Ion Ratio Lower Upper

95 100

174 99.0 0.0 198.4

176 95.5 0.0 192.0



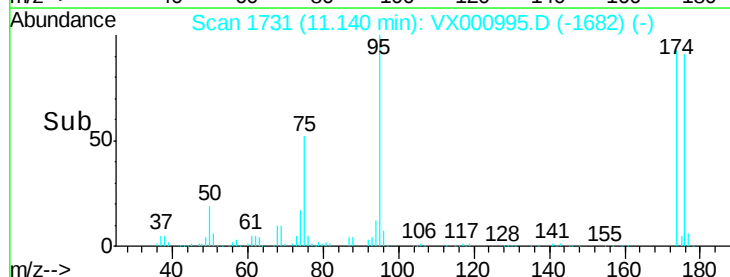
Abundance Ion 94.90 (94.60 to 95.60): VX0

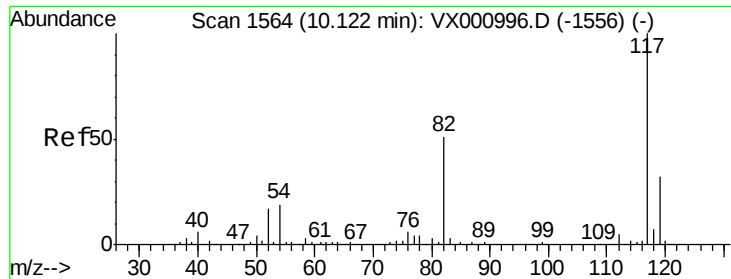
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

Time-->

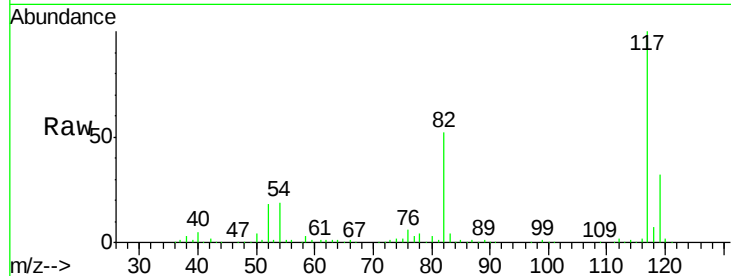




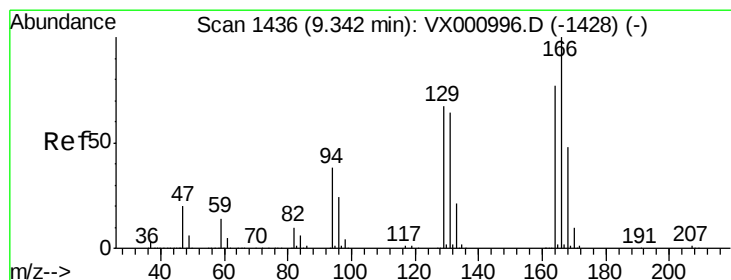
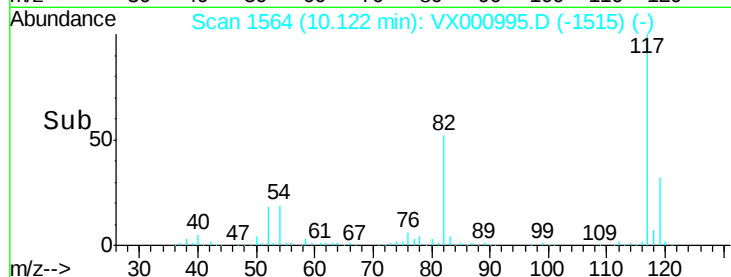
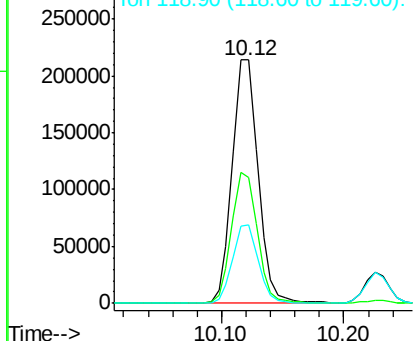
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion:117 Resp: 314429
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 32.3 26.0 39.0



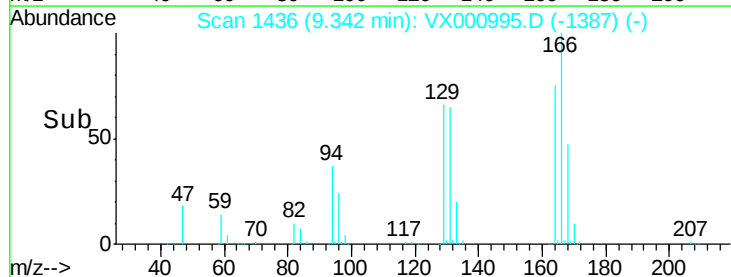
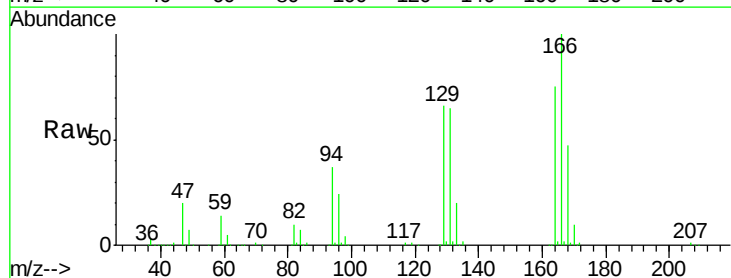
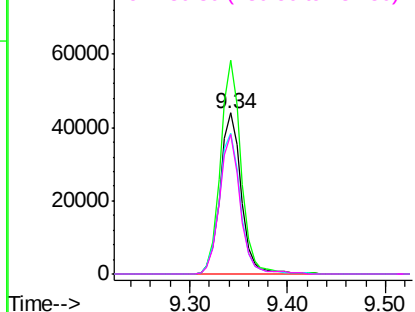
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

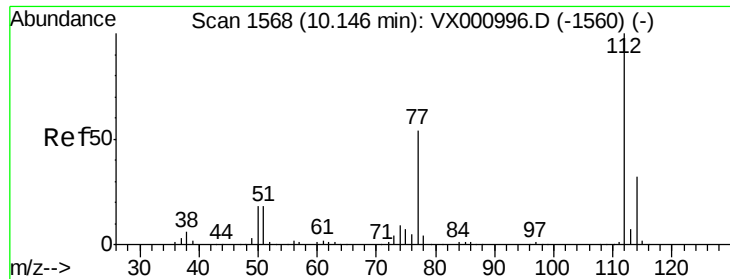


#64
Tetrachloroethene
Concen: 23.75 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

Tgt Ion:164 Resp: 66187
Ion Ratio Lower Upper
164 100
166 132.8 103.5 155.3
129 87.4 69.6 104.4
131 86.5 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

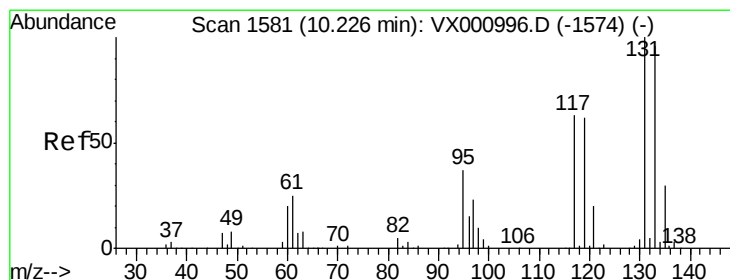
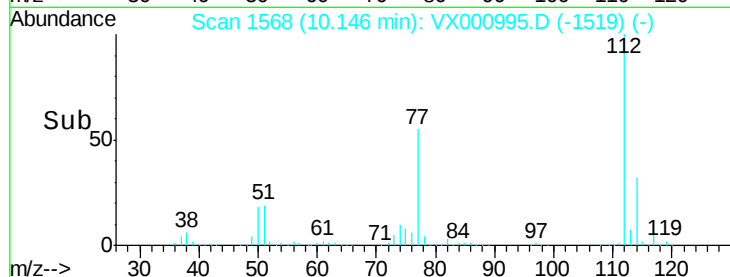
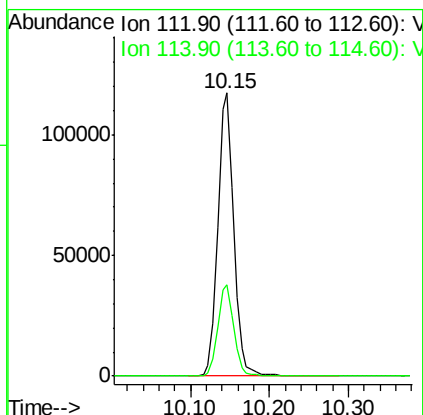
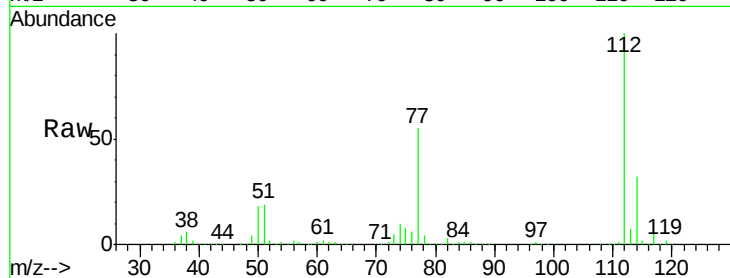




#65
Chlorobenzene
Concen: 23.98 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

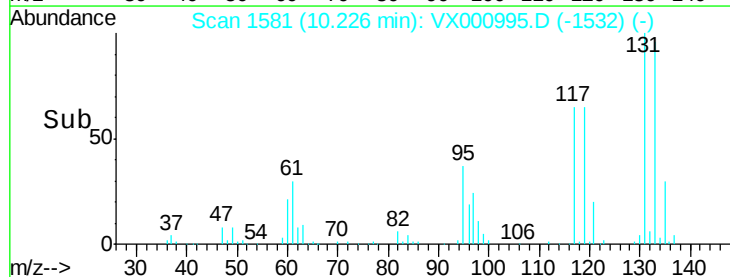
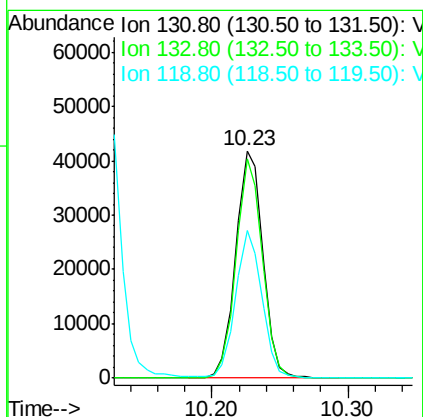
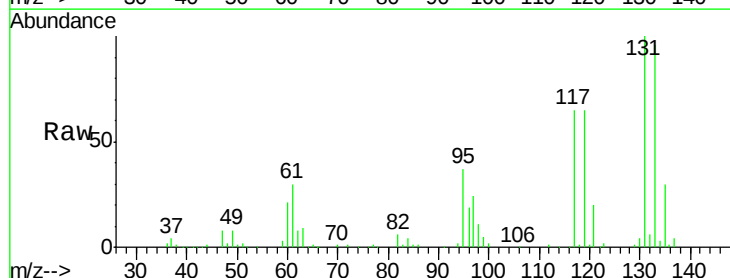
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

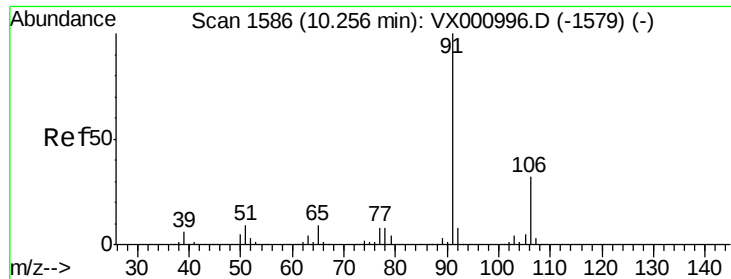
Tgt Ion:112 Resp: 165417
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 24.18 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

Tgt Ion:131 Resp: 58023
Ion Ratio Lower Upper
131 100
133 93.8 47.6 142.8
119 63.1 31.1 93.2





#67

Ethyl Benzene

Concen: 24.35 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

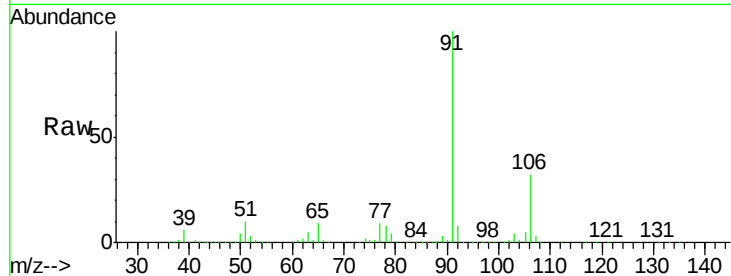
VSTDIC020

Tgt Ion: 91 Resp: 275400

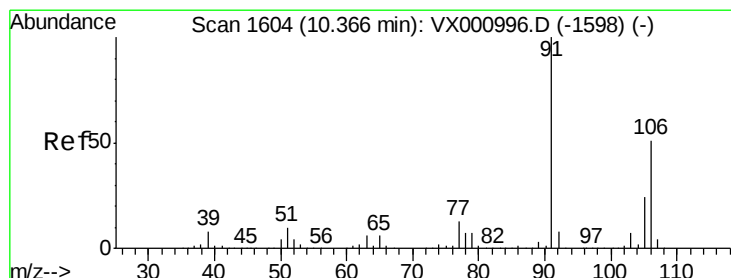
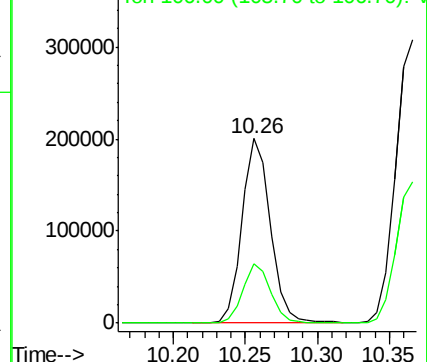
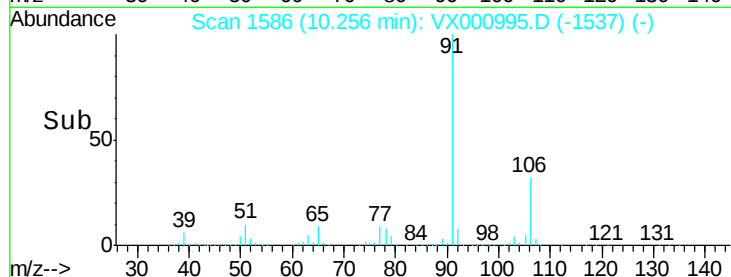
Ion Ratio Lower Upper

91 100

106 32.3 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX000995.D (-1537) (-)



#68

m/p-Xylenes

Concen: 48.53 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000995.D

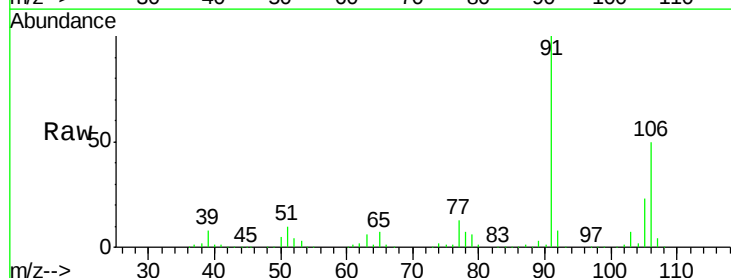
Acq: 19 Apr 2018 18:03

Tgt Ion: 106 Resp: 217543

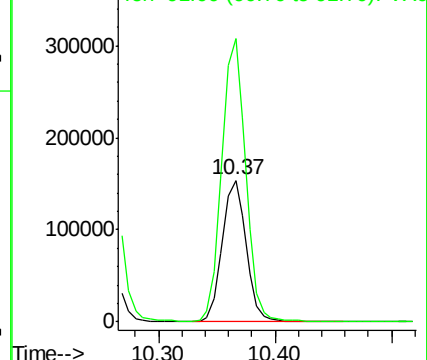
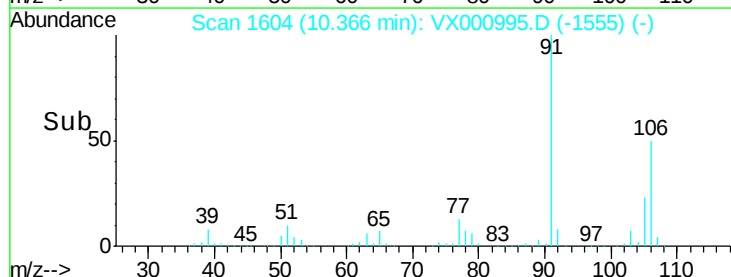
Ion Ratio Lower Upper

106 100

91 199.8 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): VX000995.D (-1555) (-)

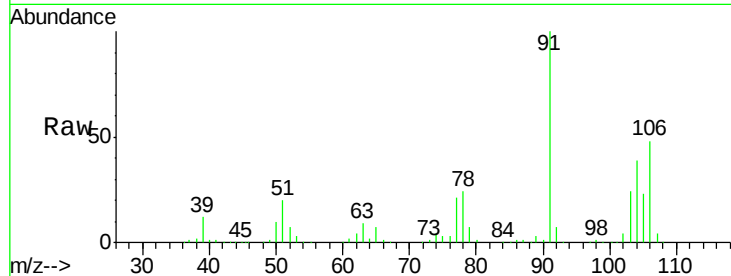




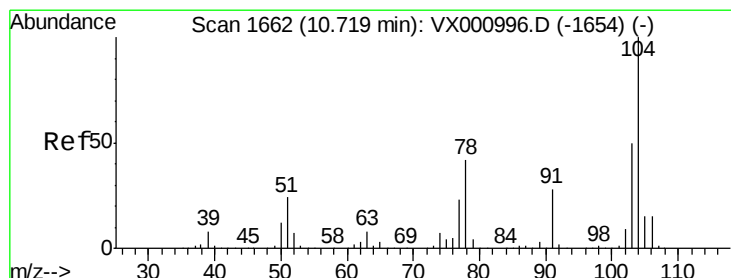
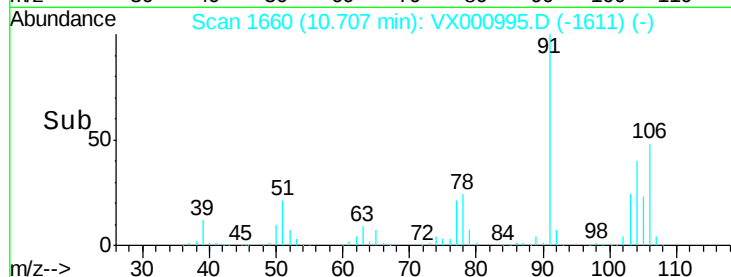
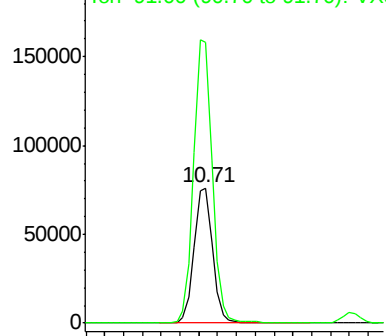
#69
o-Xylene
Concen: 23.91 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 104336
Ion Ratio Lower Upper
106 100
91 211.4 105.1 315.1

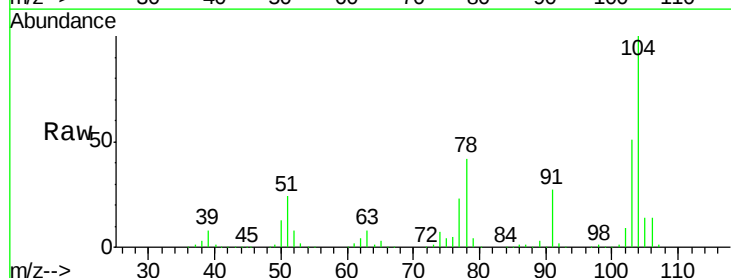


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

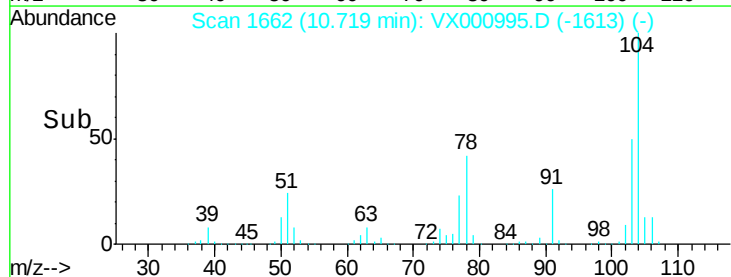
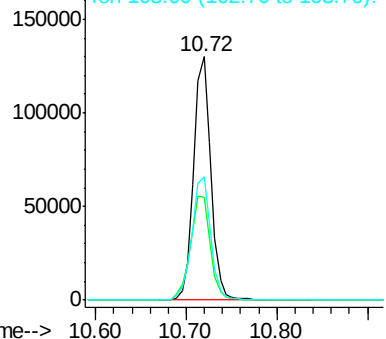


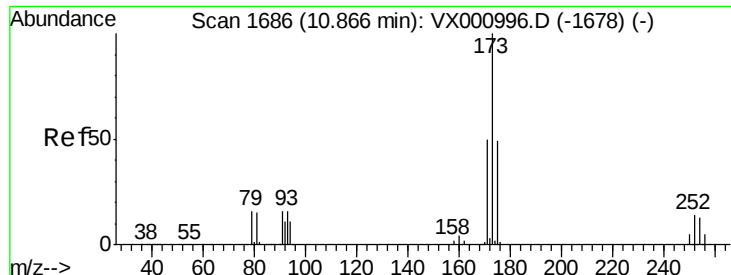
#70
Styrene
Concen: 23.98 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

Tgt Ion:104 Resp: 173110
Ion Ratio Lower Upper
104 100
78 49.5 39.4 59.2
103 55.4 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: 21.65 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

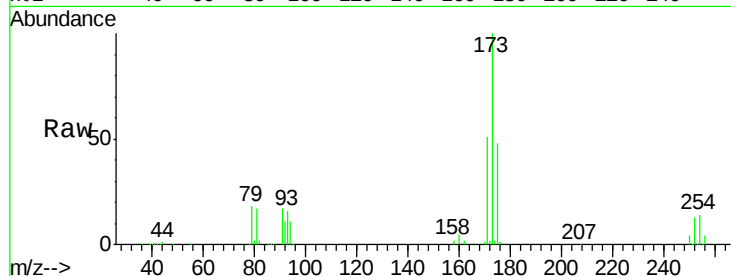
Tgt Ion:173 Resp: 44639

Ion Ratio Lower Upper

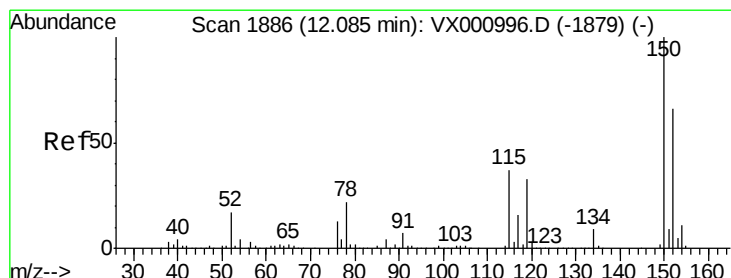
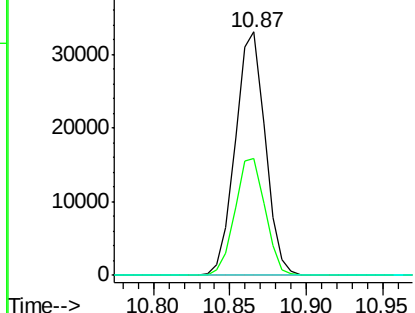
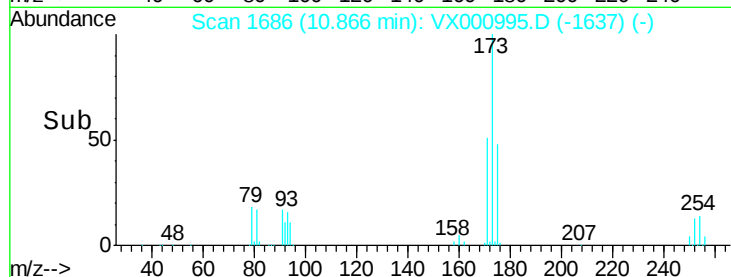
173 100

175 48.9 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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

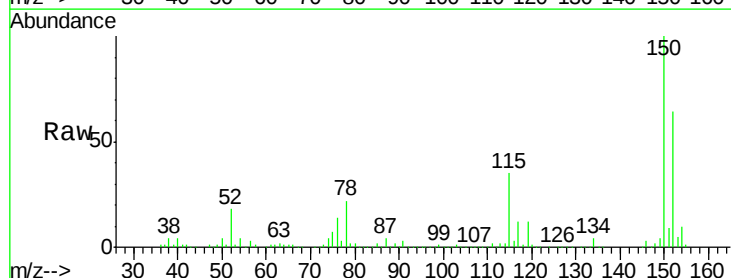
Tgt Ion:152 Resp: 216793

Ion Ratio Lower Upper

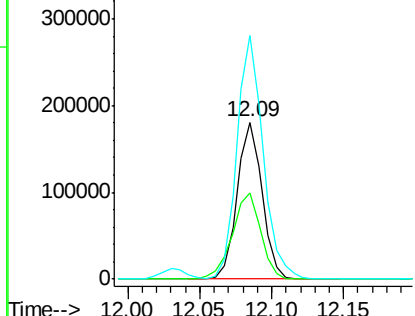
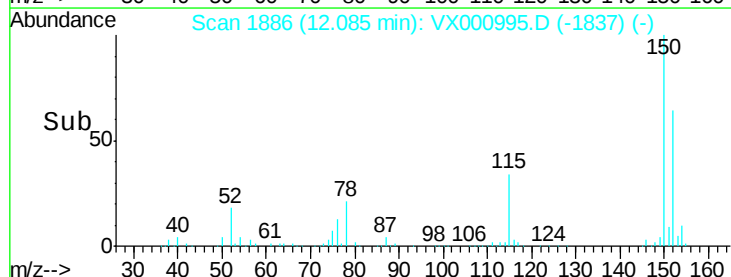
152 100

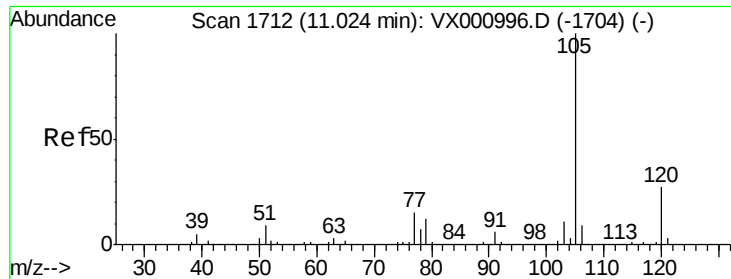
115 63.1 38.2 114.6

150 163.6 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: 23.80 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

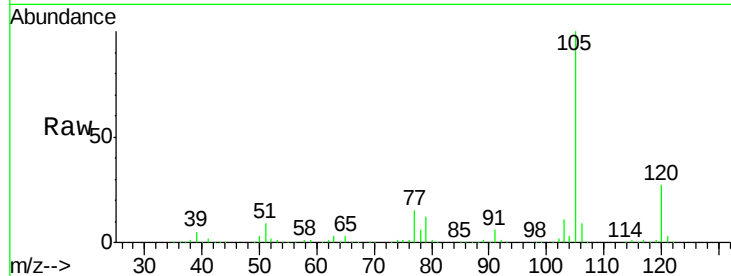
VSTDIC020

Tgt Ion: 105 Resp: 283658

Ion Ratio Lower Upper

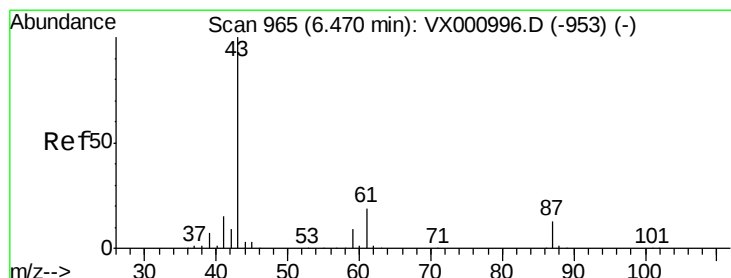
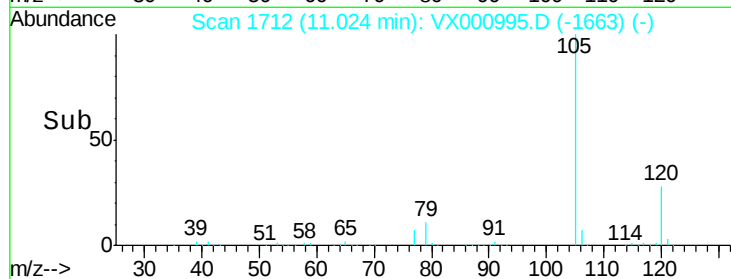
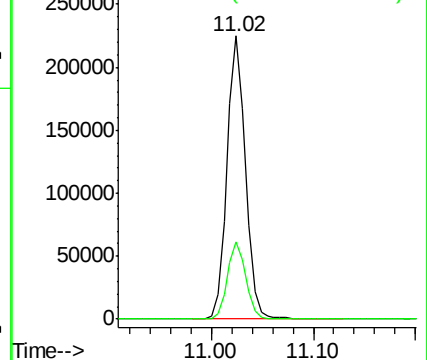
105 100

120 27.2 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-ethyl acetate

Concen: 24.30 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Tgt Ion: 43 Resp: 120918

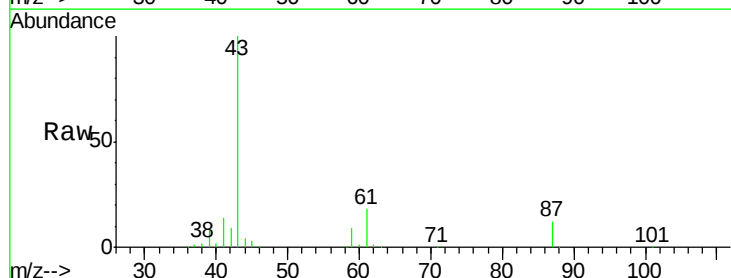
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.8 15.4 23.2

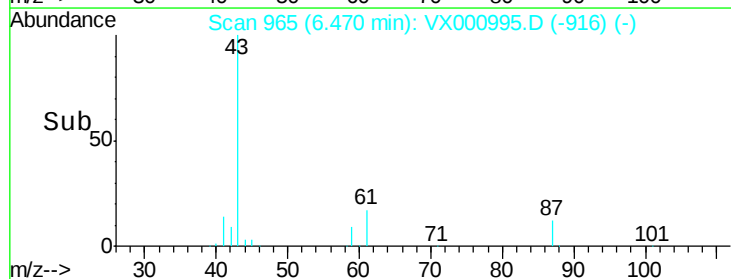
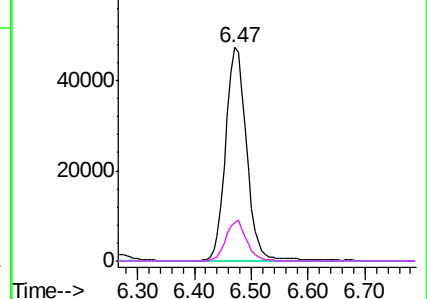


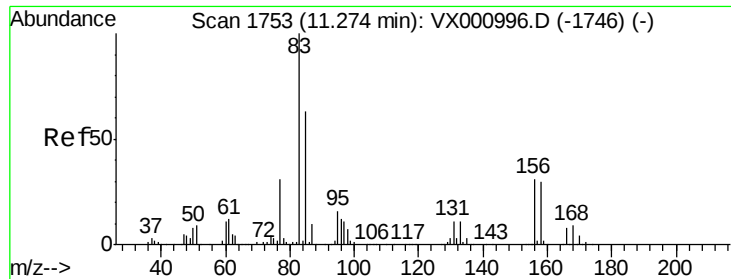
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 24.23 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

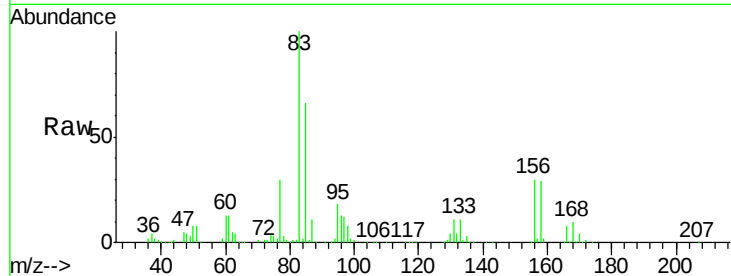
Tgt Ion: 83 Resp: 81482

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

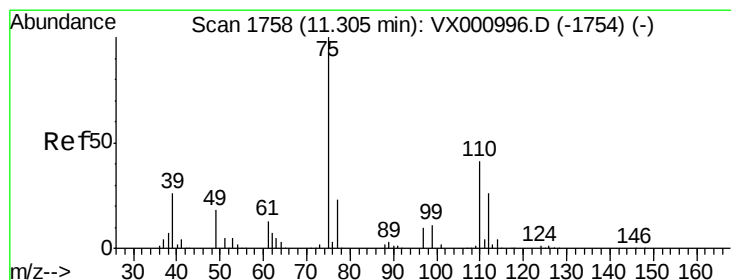
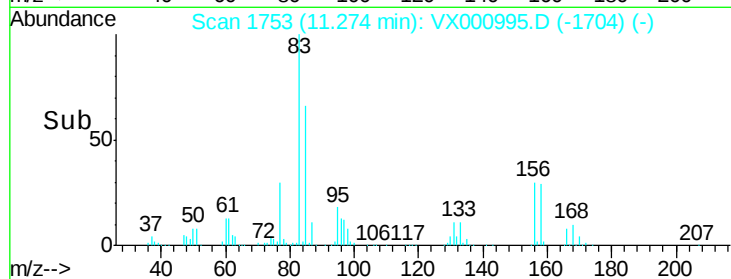
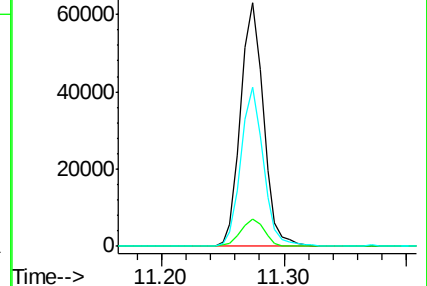
85 64.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.72 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000995.D

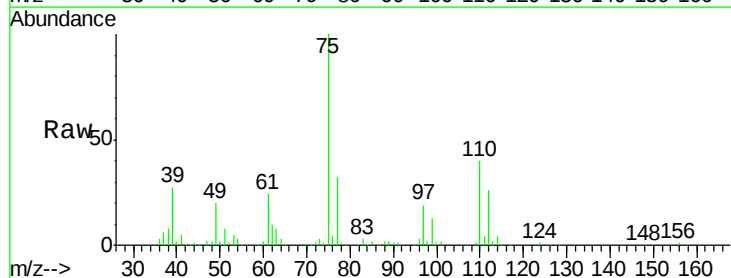
Acq: 19 Apr 2018 18:03

Tgt Ion: 75 Resp: 91543

Ion Ratio Lower Upper

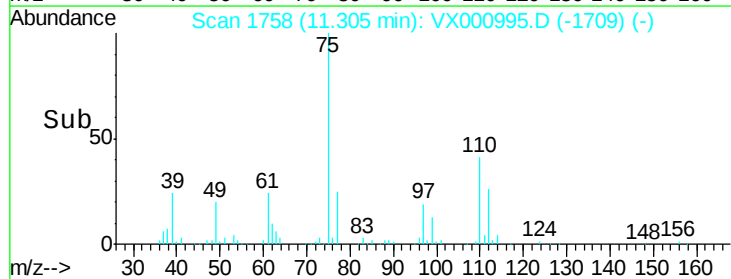
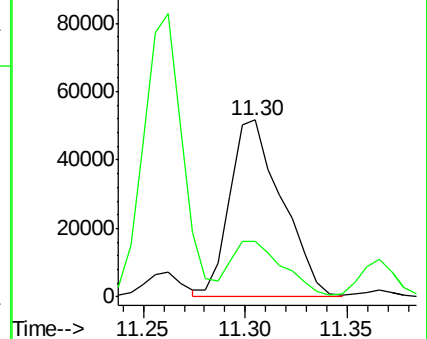
75 100

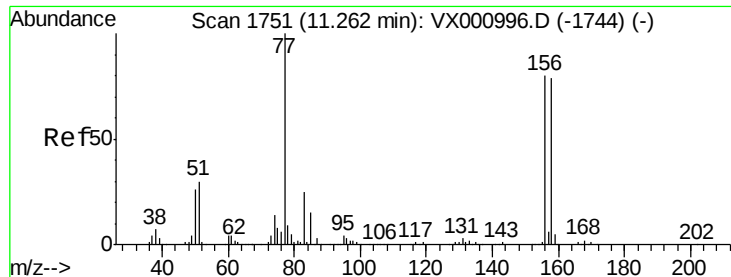
77 31.4 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 23.34 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

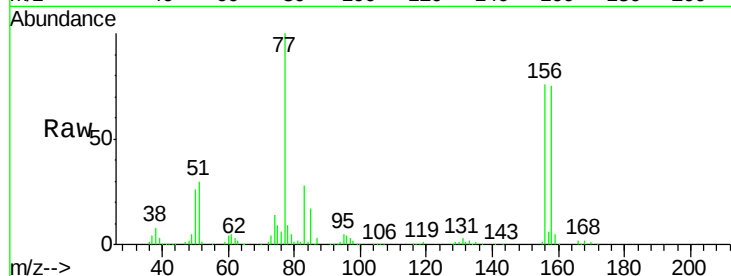
Tgt Ion:156 Resp: 81393

Ion Ratio Lower Upper

156 100

77 134.8 66.3 199.0

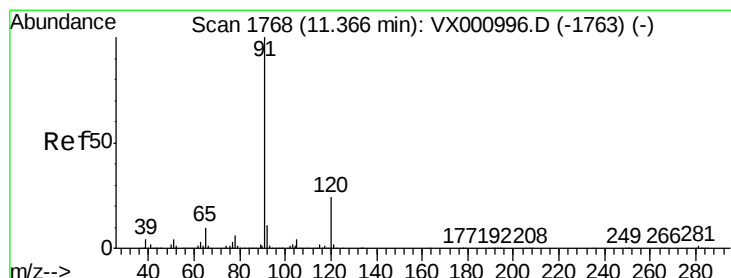
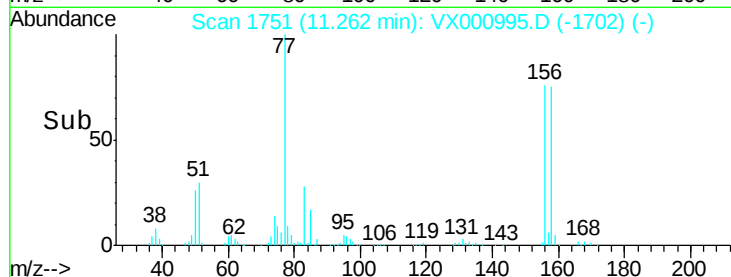
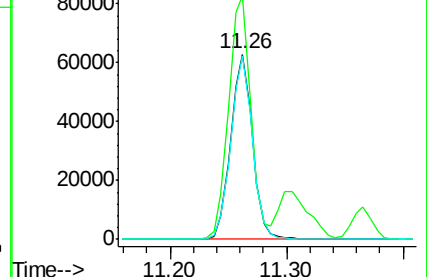
158 98.4 48.9 146.6



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: 23.59 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000995.D

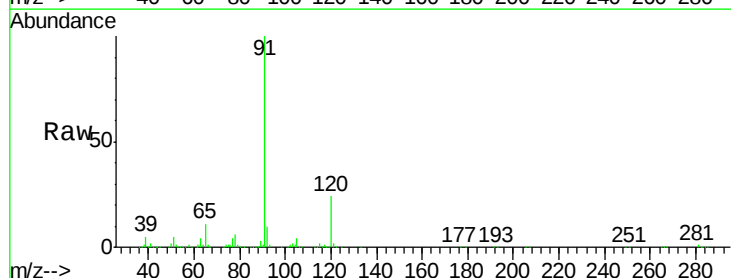
Acq: 19 Apr 2018 18:03

Tgt Ion: 91 Resp: 325148

Ion Ratio Lower Upper

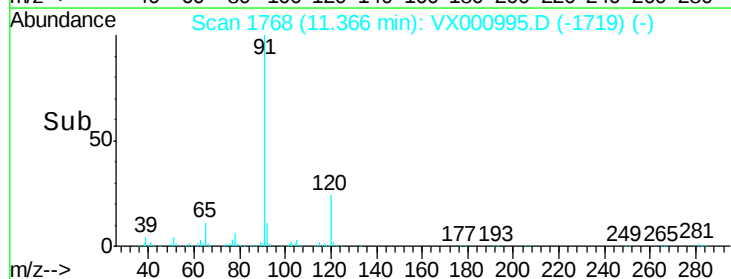
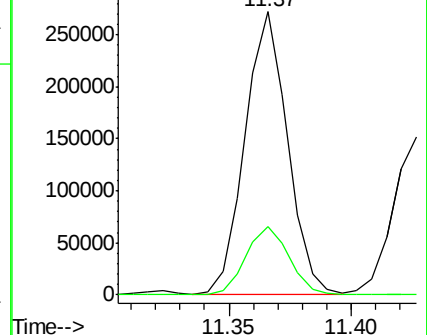
91 100

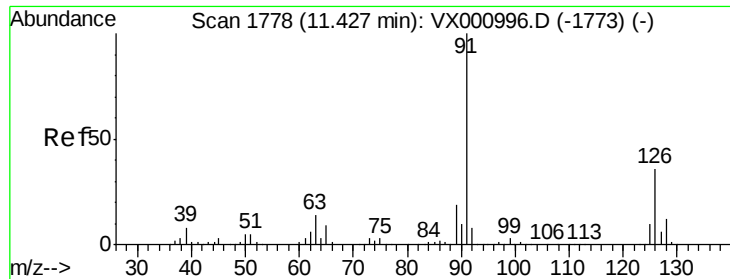
120 24.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.62 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

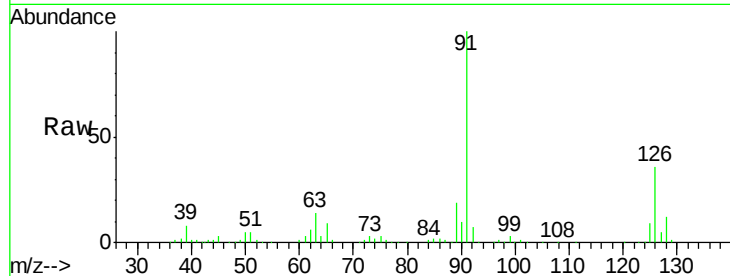
VSTDIC020

Tgt Ion: 91 Resp: 192600

Ion Ratio Lower Upper

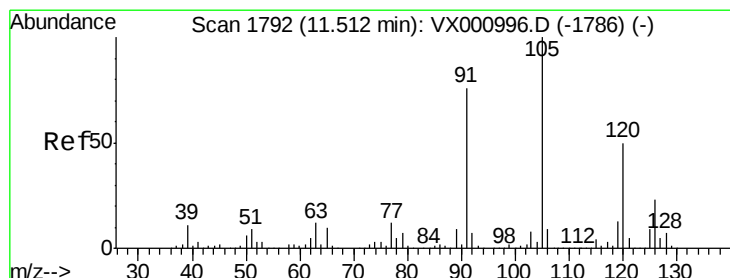
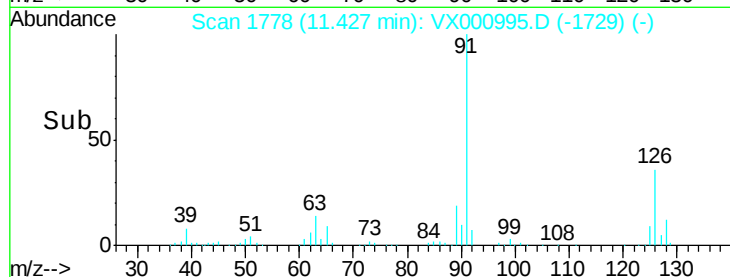
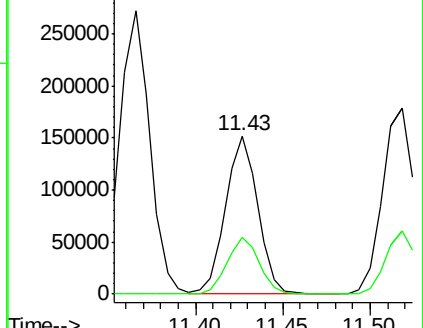
91 100

126 36.5 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000995.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000995.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 24.01 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000995.D

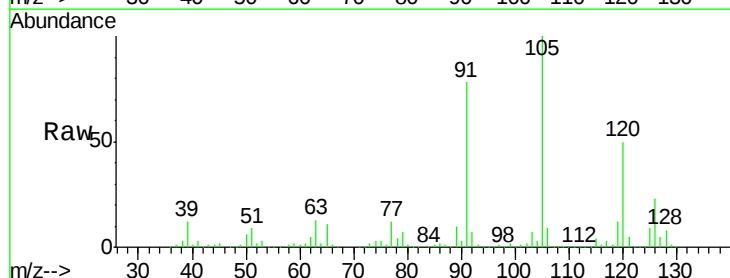
Acq: 19 Apr 2018 18:03

Tgt Ion: 105 Resp: 243080

Ion Ratio Lower Upper

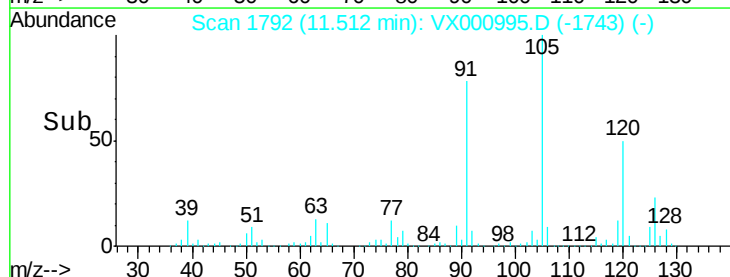
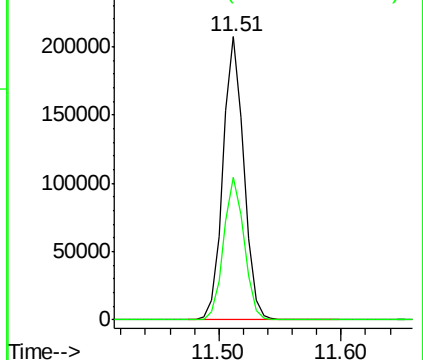
105 100

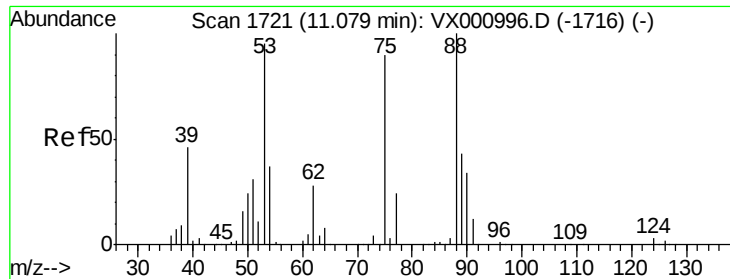
120 49.9 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000995.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000995.D (-1786) (-)

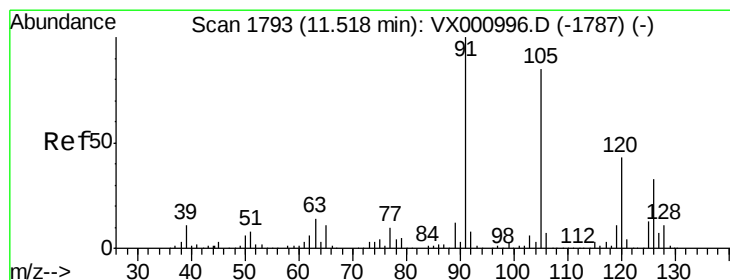
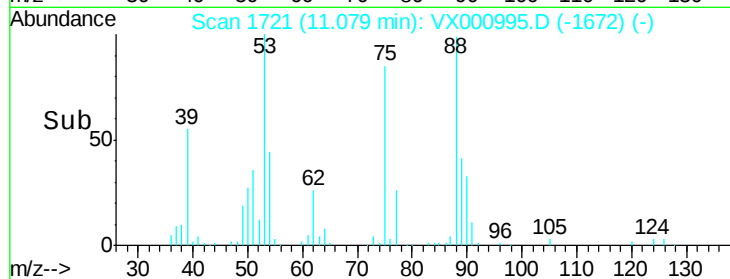
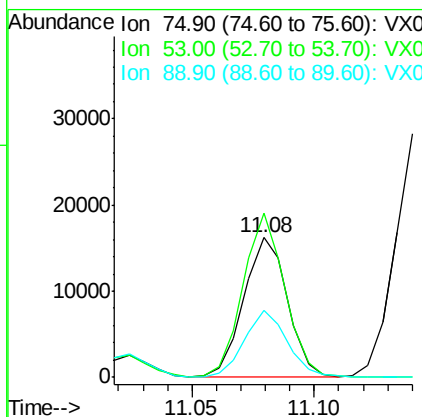
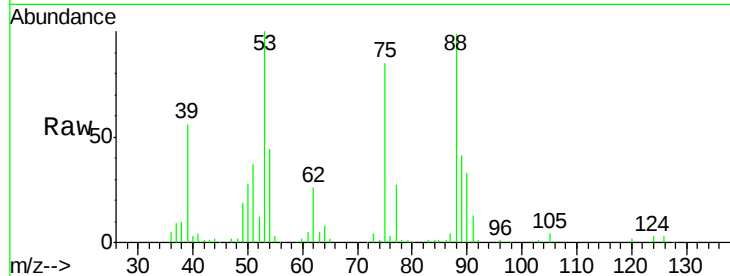




#81
trans-1,4-Dichloro-2-butene
Concen: 21.20 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

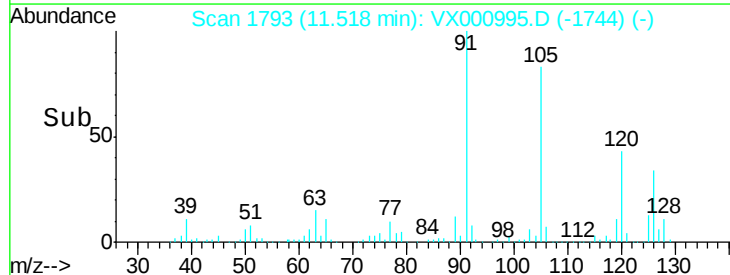
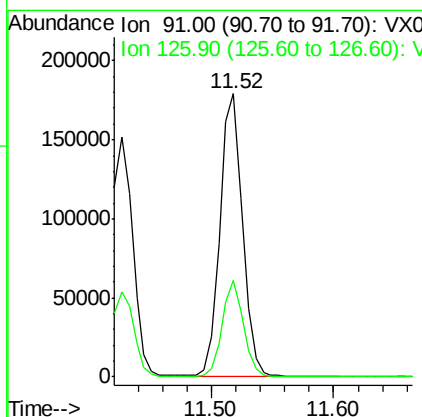
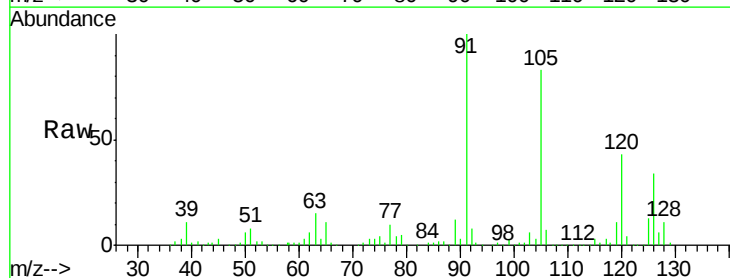
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

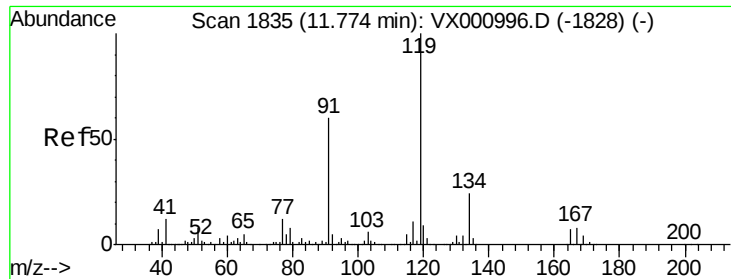
Tgt Ion: 75 Resp: 19961
Ion Ratio Lower Upper
75 100
53 113.1 83.4 125.2
89 48.2 39.7 59.5



#82
4-Chlorotoluene
Concen: 23.41 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000995.D
Acq: 19 Apr 2018 18:03

Tgt Ion: 91 Resp: 229870
Ion Ratio Lower Upper
91 100
126 32.1 16.2 48.5

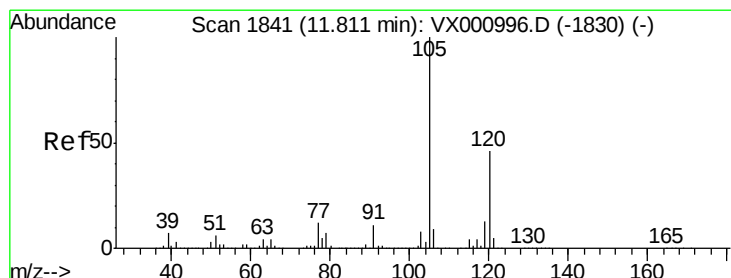
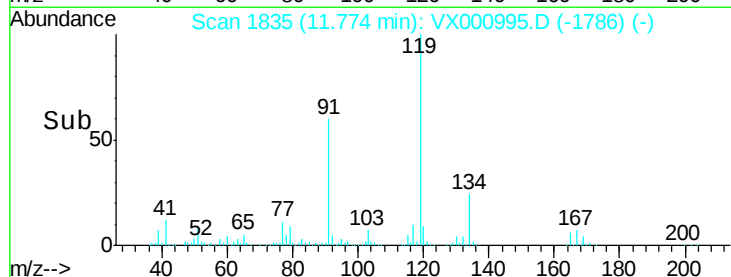
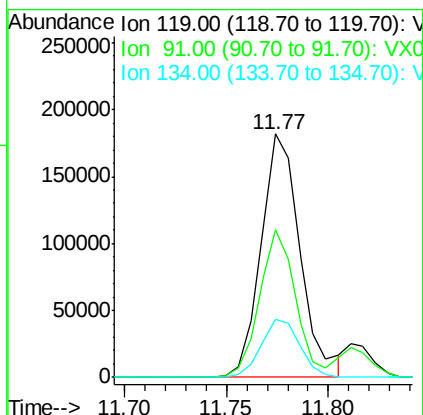
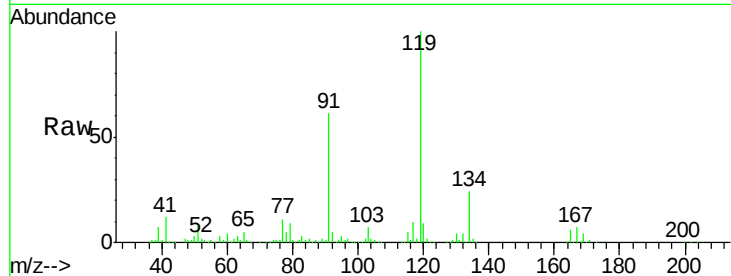




#83
 tert-Butylbenzene
 Concen: 23.39 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX000995.D
 Acq: 19 Apr 2018 18:03

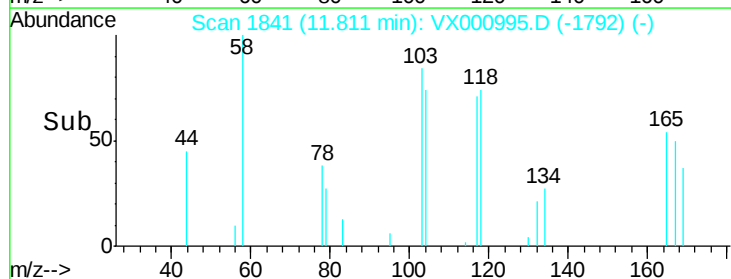
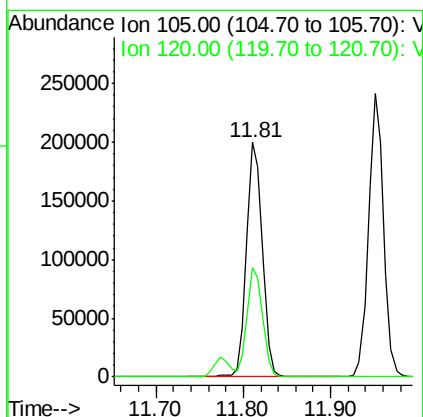
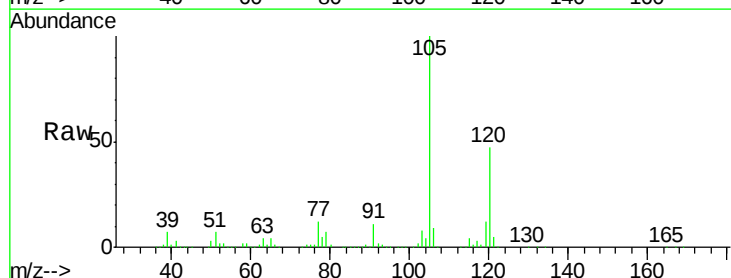
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

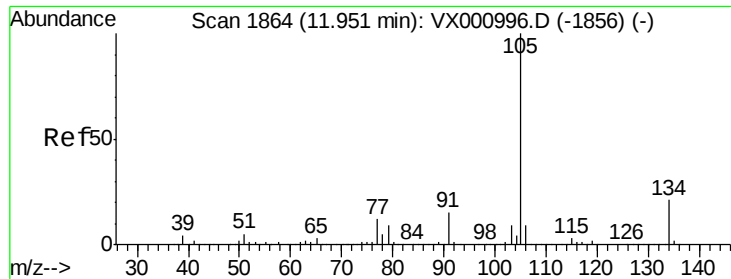
Tgt Ion:119 Resp: 243389
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.0 81.0
 134 23.6 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 24.20 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX000995.D
 Acq: 19 Apr 2018 18:03

Tgt Ion:105 Resp: 249607
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.0 69.0

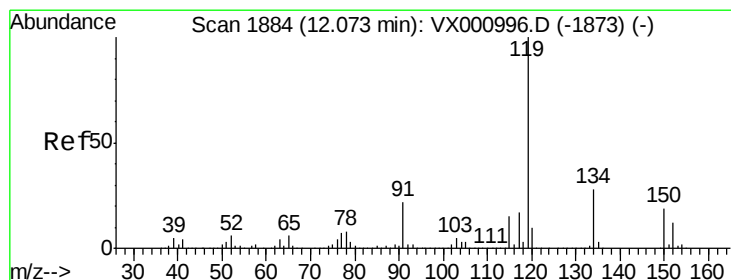
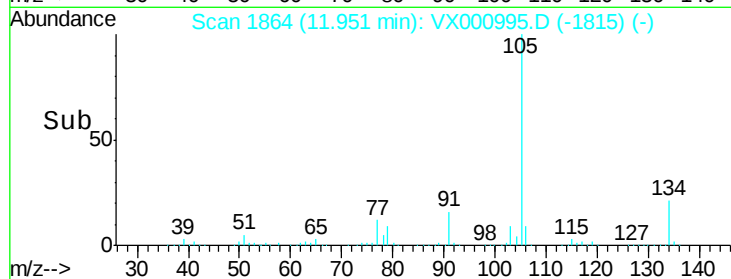
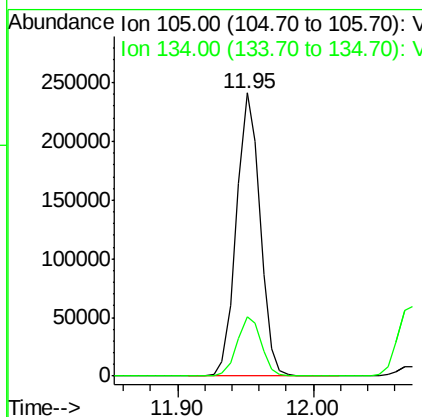
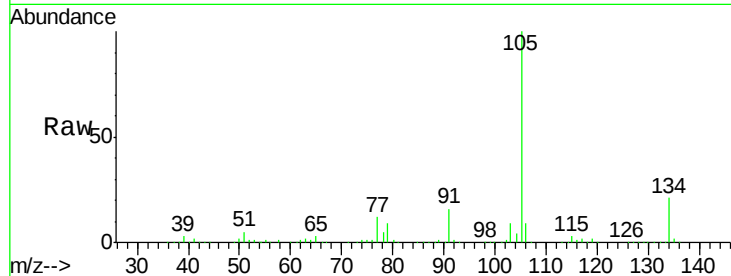




#85
 sec-Butylbenzene
 Concen: 23.36 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX000995.D
 Acq: 19 Apr 2018 18:03

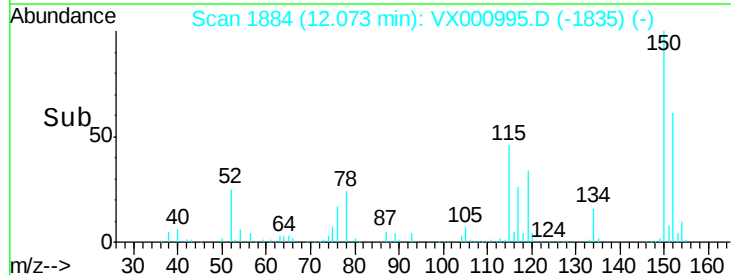
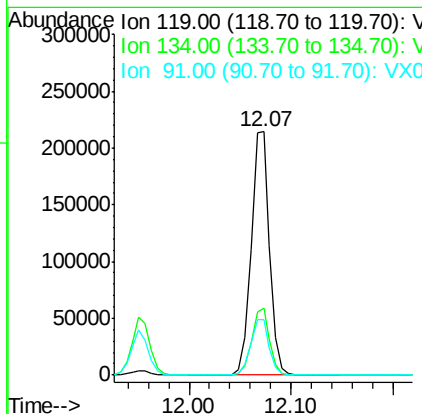
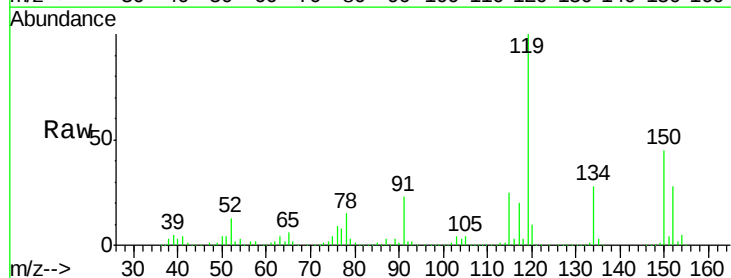
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

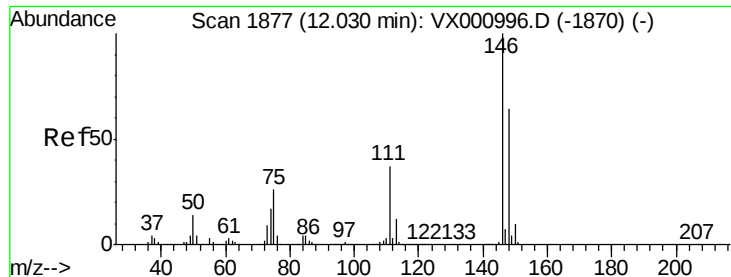
Tgt Ion:105 Resp: 291872
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 23.33 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000995.D
 Acq: 19 Apr 2018 18:03

Tgt Ion:119 Resp: 268730
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.5
 91 23.2 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 22.94 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

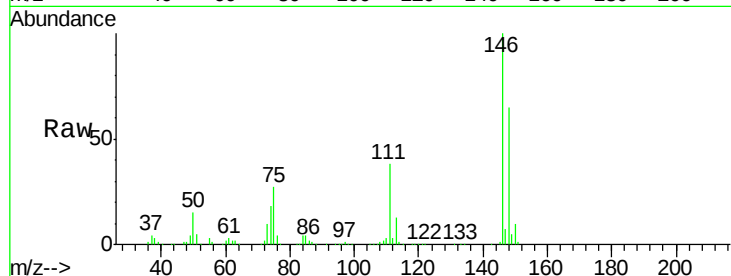
Tgt Ion:146 Resp: 150114

Ion Ratio Lower Upper

146 100

111 37.2 18.3 54.8

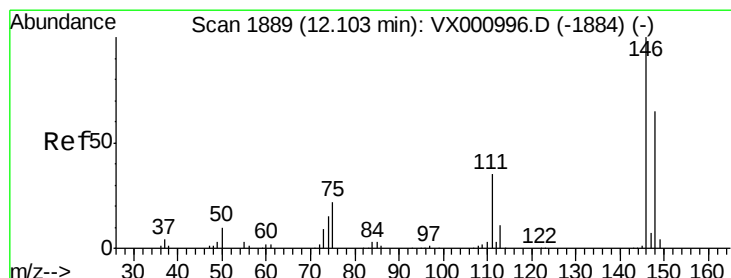
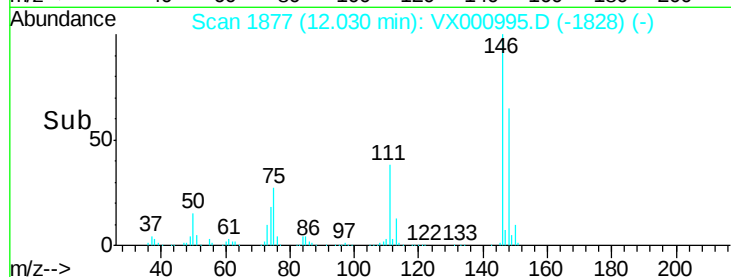
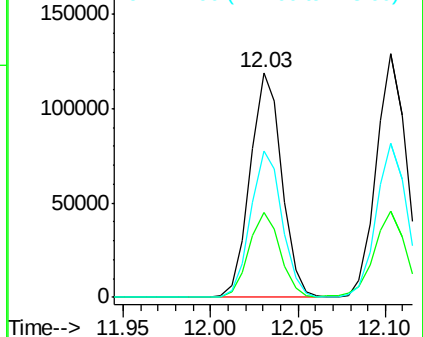
148 64.7 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 23.25 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

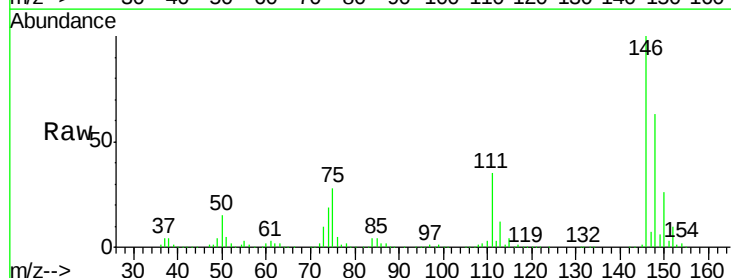
Tgt Ion:146 Resp: 154801

Ion Ratio Lower Upper

146 100

111 37.0 18.0 54.0

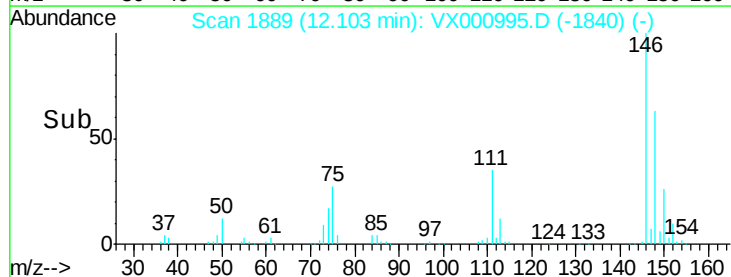
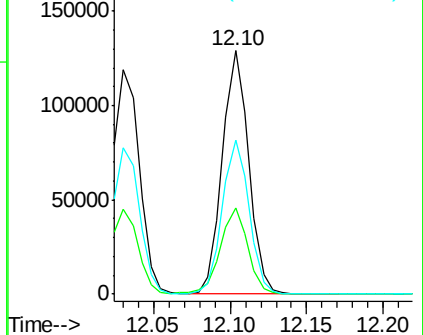
148 64.2 32.4 97.0

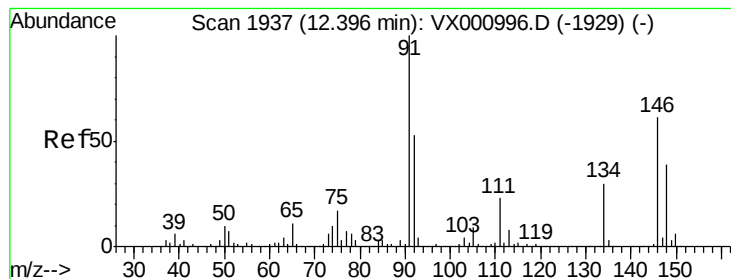


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 23.03 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

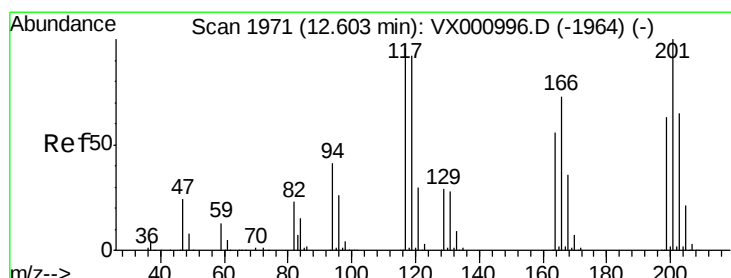
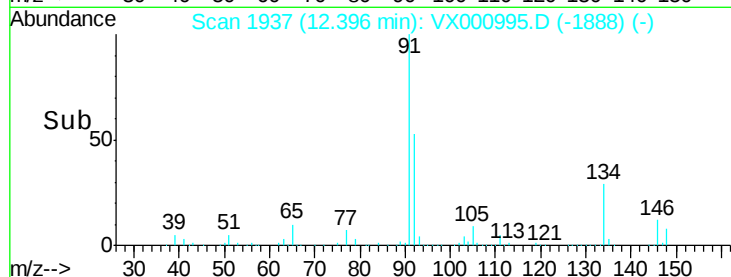
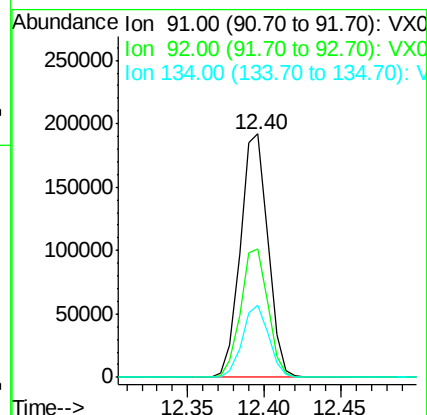
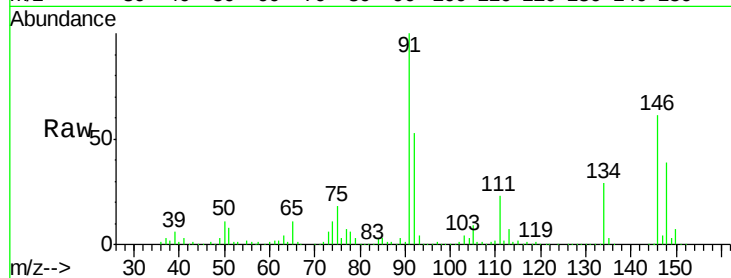
Tgt Ion: 91 Resp: 239311

Ion Ratio Lower Upper

91 100

92 52.3 26.3 78.9

134 28.1 14.4 43.0



#90

Hexachloroethane

Concen: 21.96 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000995.D

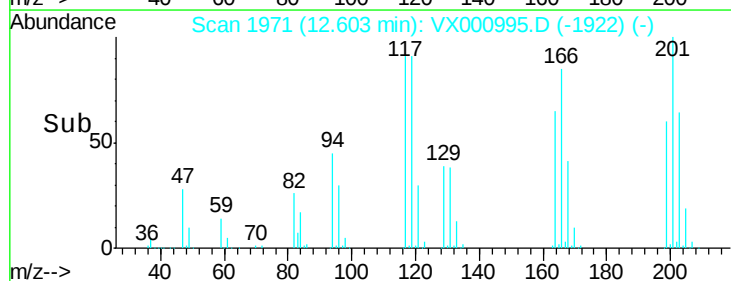
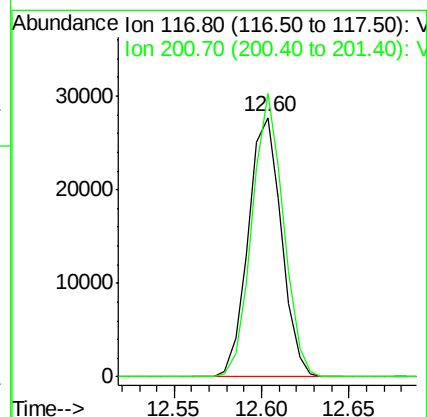
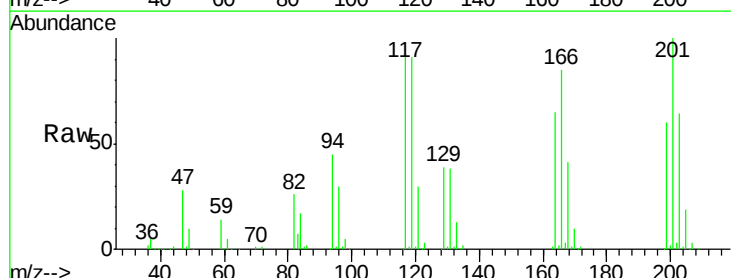
Acq: 19 Apr 2018 18:03

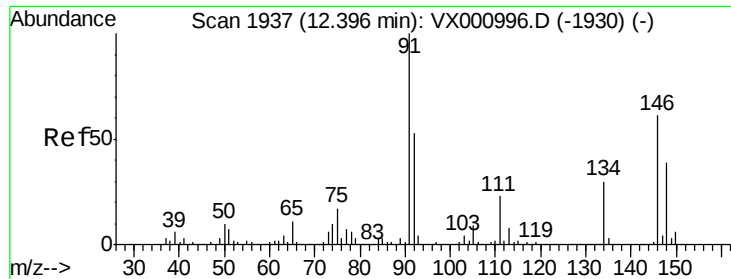
Tgt Ion: 117 Resp: 36562

Ion Ratio Lower Upper

117 100

201 102.9 52.3 157.1

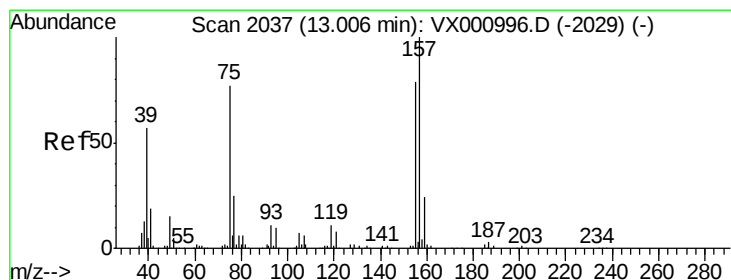
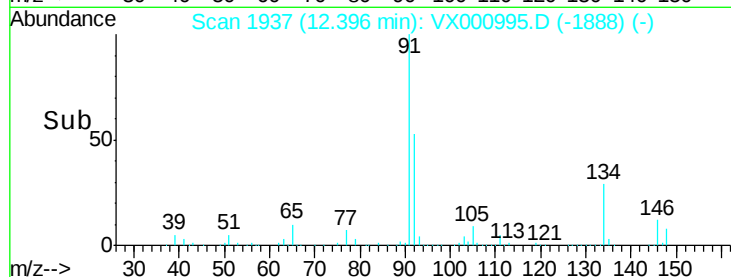
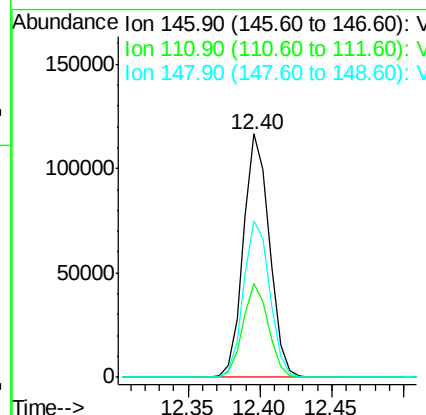
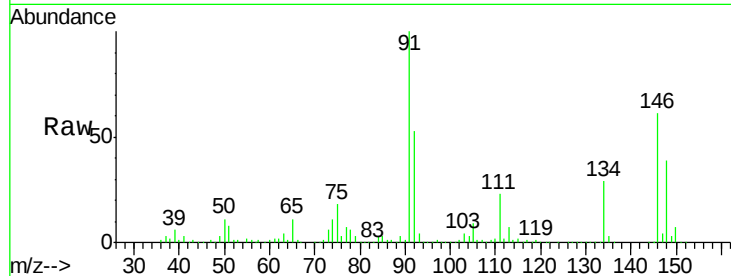




#91
 1,2-Dichlorobenzene
 Concen: 23.16 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX000995.D
 Acq: 19 Apr 2018 18:03

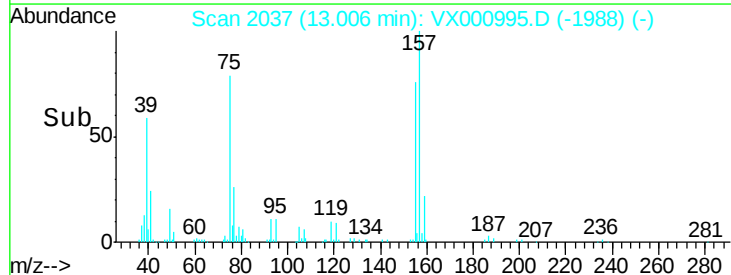
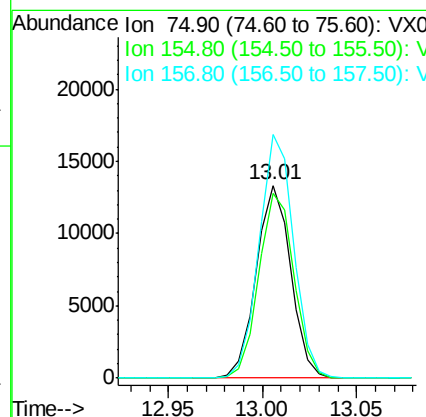
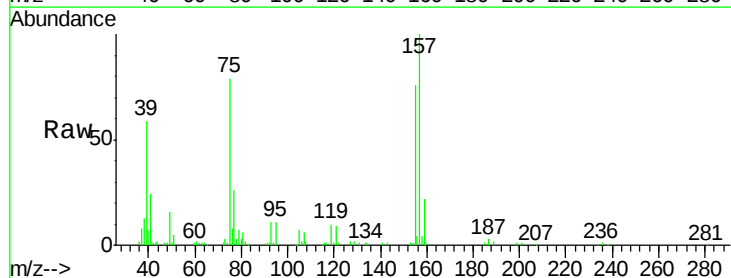
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

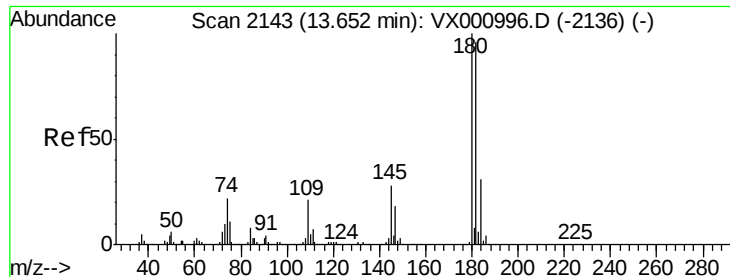
Tgt Ion: 146 Resp: 146321
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 56.0
 148 64.5 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.11 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000995.D
 Acq: 19 Apr 2018 18:03

Tgt Ion: 75 Resp: 16943
 Ion Ratio Lower Upper
 75 100
 155 97.6 51.0 153.0
 157 126.1 64.9 194.7

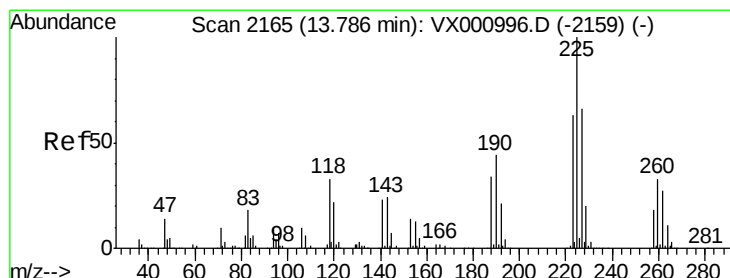
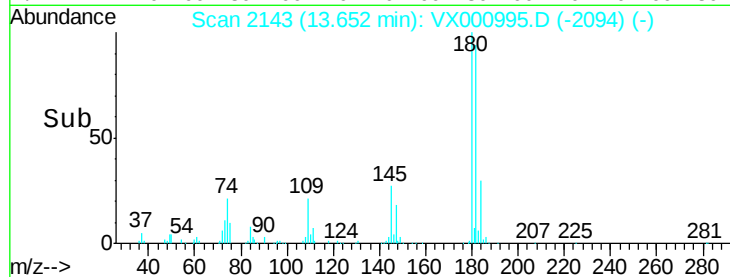
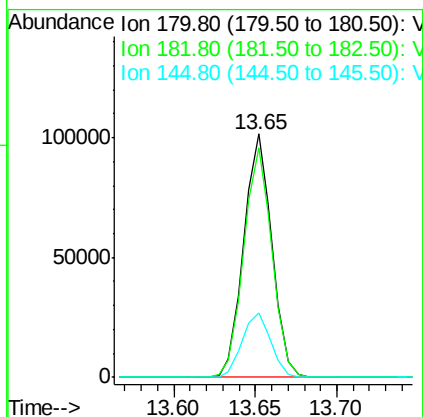
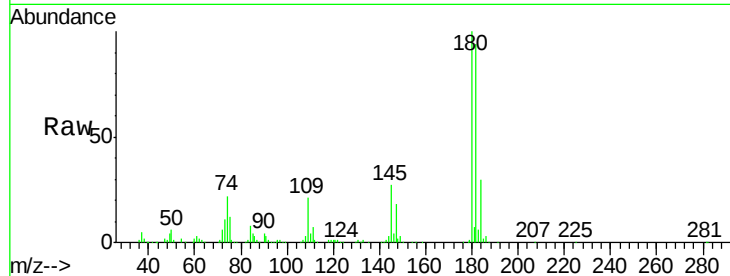




#93
 1,2,4-Trichlorobenzene
 Concen: 21.87 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000995.D
 Acq: 19 Apr 2018 18:03

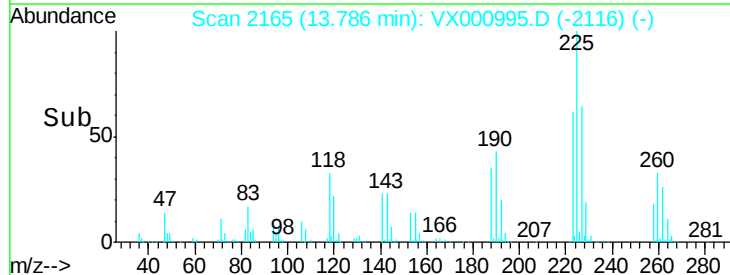
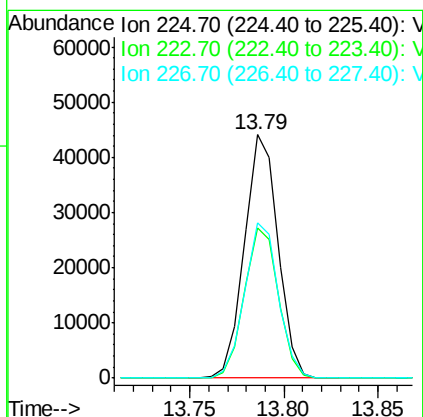
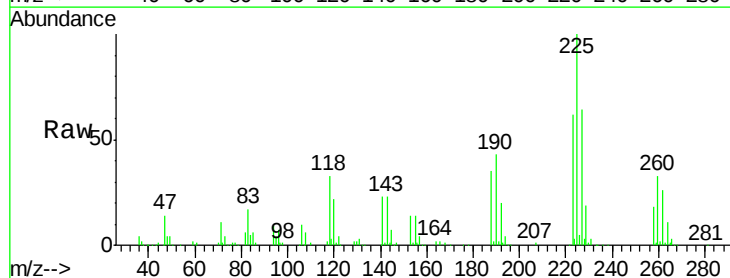
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

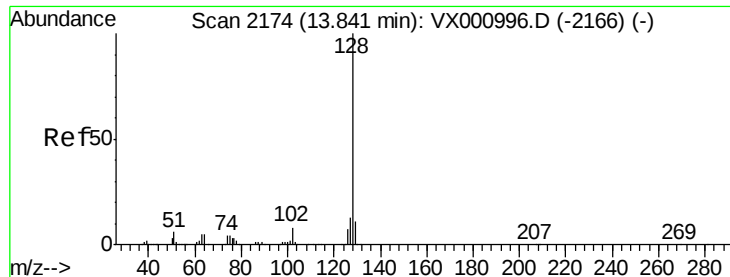
Tgt Ion:180 Resp: 122076
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.0 144.0
 145 26.9 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 21.96 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX000995.D
 Acq: 19 Apr 2018 18:03

Tgt Ion:225 Resp: 54545
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.5 94.5
 227 64.3 32.6 97.8





#95

Naphthalene

Concen: 23.72 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

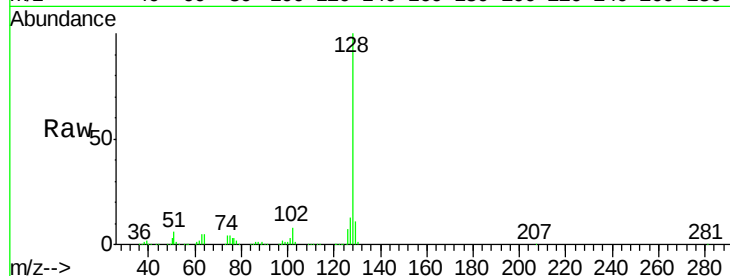
Tgt Ion:128 Resp: 310797

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

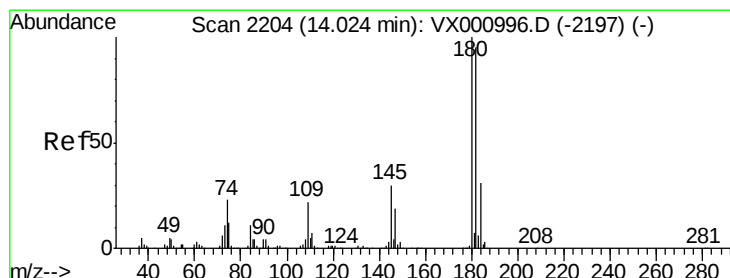
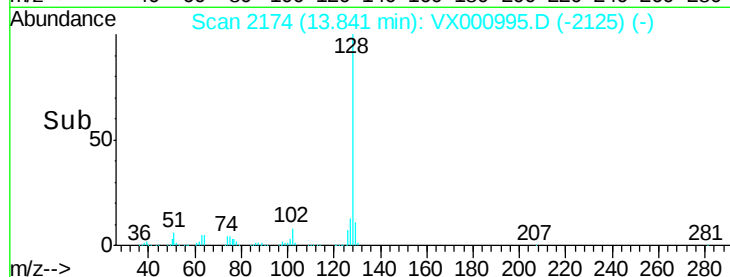
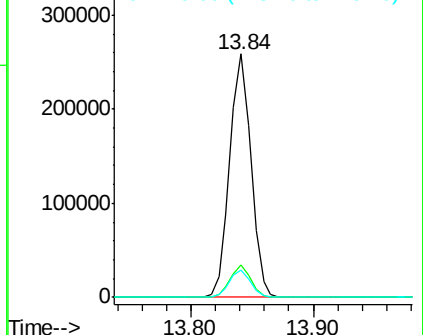
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.71 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX000995.D

Acq: 19 Apr 2018 18:03

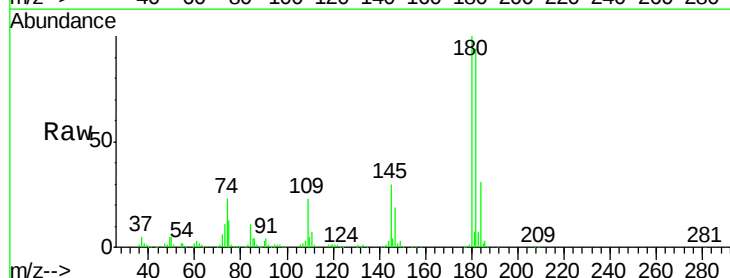
Tgt Ion:180 Resp: 118332

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.7

145 29.5 14.5 43.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

