

Data File : VX000993.D

Acq On : 19 Apr 2018 17:13

Operator : JC/MD

Sample : VSTDIC001

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Apr 20 04:23:46 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	271681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	232031	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	4245	1.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.48%	
35) Dibromofluoromethane	5.52	113	3038	1.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.42%	
50) Toluene-d8	8.72	98	11595	1.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.56%	
62) 4-Bromofluorobenzene	11.14	95	5047	1.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2998	1.16	ug/l	97
3) Chloromethane	1.32	50	3318	1.24	ug/l	98
4) Vinyl Chloride	1.41	62	3431	1.32	ug/l	94
5) Bromomethane	1.65	94	2587	1.51	ug/l	87
6) Chloroethane	1.73	64	2220	1.22	ug/l	92
7) Trichlorofluoromethane	1.93	101	5370	1.37	ug/l	94
8) Diethyl Ether	2.19	74	2040	1.36	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3279	1.40	ug/l	94
10) Methyl Iodide	2.52	142	1365	0.64	ug/l #	89
11) Tert butyl alcohol	3.05	59	3243	7.26	ug/l #	92
12) 1,1-Dichloroethene	2.38	96	3012	1.34	ug/l	90
13) Acrolein	2.30	56	1242	13.66	ug/l #	82
14) Allyl chloride	2.73	41	5307	1.27	ug/l	99
15) Acrylonitrile	3.15	53	8229	6.97	ug/l	95
16) Acetone	2.45	43	8035	7.19	ug/l	96
17) Carbon Disulfide	2.57	76	8802	1.26	ug/l	98
18) Methyl Acetate	2.78	43	3944	1.36	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	9900	1.36	ug/l	100
20) Methylene Chloride	2.86	84	3924	1.50	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	3524	1.39	ug/l	98
22) Diisopropyl ether	3.87	45	9724	1.22	ug/l #	98
23) Vinyl Acetate	3.82	43	40957	6.28	ug/l	100
24) 1,1-Dichloroethane	3.71	63	6010	1.40	ug/l	93
25) 2-Butanone	4.70	43	11329	6.59	ug/l	99
26) 2,2-Dichloropropane	4.59	77	4856	1.29	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	3607	1.32	ug/l	95
28) Bromochloromethane	5.03	49	2044	1.13	ug/l #	92
29) Tetrahydrofuran	5.17	42	7259	6.62	ug/l	99
30) Chloroform	5.23	83	5907	1.33	ug/l	89
31) Cyclohexane	5.58	56	5770	1.48	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	4977	1.26	ug/l #	50
36) 1,1-Dichloropropene	5.81	75	5028	1.47	ug/l	94
37) Ethyl Acetate	4.87	43	4054	1.27	ug/l #	92
38) Carbon Tetrachloride	5.79	117	4680	1.32	ug/l	85

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Apr 20 04:23:46 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	5522	1.35	ug/l	93
40) Benzene	6.15	78	12826	1.35	ug/l	94
41) Methacrylonitrile	5.06	41	3047	1.53	ug/l #	87
42) 1,2-Dichloroethane	6.21	62	5179	1.40	ug/l	98
43) Isopropyl Acetate	6.48	43	7224	1.34	ug/l	99
44) Trichloroethene	7.21	130	4023	1.34	ug/l	94
45) 1,2-Dichloropropane	7.52	63	3235	1.31	ug/l #	88
46) Dibromomethane	7.67	93	2300	1.35	ug/l	92
47) Bromodichloromethane	7.90	83	3735	1.18	ug/l	99
48) Methyl methacrylate	7.79	41	3921	1.30	ug/l	91
49) 1,4-Dioxane	7.76	88	1167	28.34	ug/l #	73
51) 4-Methyl-2-Pentanone	8.65	43	20956	6.42	ug/l	99
52) Toluene	8.79	92	8074	1.29	ug/l	96
53) t-1,3-Dichloropropene	8.44	75	4234	1.11	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	3865	1.07	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	3404	1.40	ug/l #	86
56) Ethyl methacrylate	9.19	69	4450	1.21	ug/l	93
57) 1,3-Dichloropropane	9.38	76	5714	1.42	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	11283	6.71	ug/l	99
59) 2-Hexanone	9.51	43	16109	6.43	ug/l	98
60) Dibromochloromethane	9.59	129	2823	1.05	ug/l	97
61) 1,2-Dibromoethane	9.68	107	3383	1.29	ug/l	97
64) Tetrachloroethene	9.34	164	4223	1.42	ug/l	89
65) Chlorobenzene	10.14	112	10211	1.38	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	2997	1.17	ug/l #	67
67) Ethyl Benzene	10.26	91	16614	1.37	ug/l	99
68) m/p-Xylenes	10.37	106	12800	2.67	ug/l	99
69) o-Xylene	10.71	106	6267	1.34	ug/l	100
70) Styrene	10.72	104	9595	1.24	ug/l	98
71) Bromoform	10.87	173	2177	0.99	ug/l #	98
73) Isopropylbenzene	11.02	105	16656	1.31	ug/l	100
74) N-amyl acetate	6.48	43	7224	1.36	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	4324	1.20	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	4914	1.24	ug/l	90
77) Bromobenzene	11.26	156	4928	1.32	ug/l	97
78) n-propylbenzene	11.37	91	19611	1.33	ug/l	99
79) 2-Chlorotoluene	11.43	91	11568	1.33	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	13552	1.25	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	959	0.95	ug/l	83
82) 4-Chlorotoluene	11.52	91	14322	1.36	ug/l	98
83) tert-Butylbenzene	11.77	119	13467	1.21	ug/l	92
84) 1,2,4-Trimethylbenzene	11.81	105	14033	1.27	ug/l	99
85) sec-Butylbenzene	11.95	105	16876	1.26	ug/l	99
86) p-Isopropyltoluene	12.07	119	15526	1.26	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	9247	1.32	ug/l	97
88) 1,4-Dichlorobenzene	12.03	146	9247	1.30	ug/l	97
89) n-Butylbenzene	12.39	91	13816	1.24	ug/l	99
90) Hexachloroethane	12.60	117	1764	0.99	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	8784	1.30	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	824	1.10	ug/l	92

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

Data File : VX000993.D
Acq On : 19 Apr 2018 17:13
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Apr 20 04:23:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 04:18:00 2018
Response via : Initial Calibration

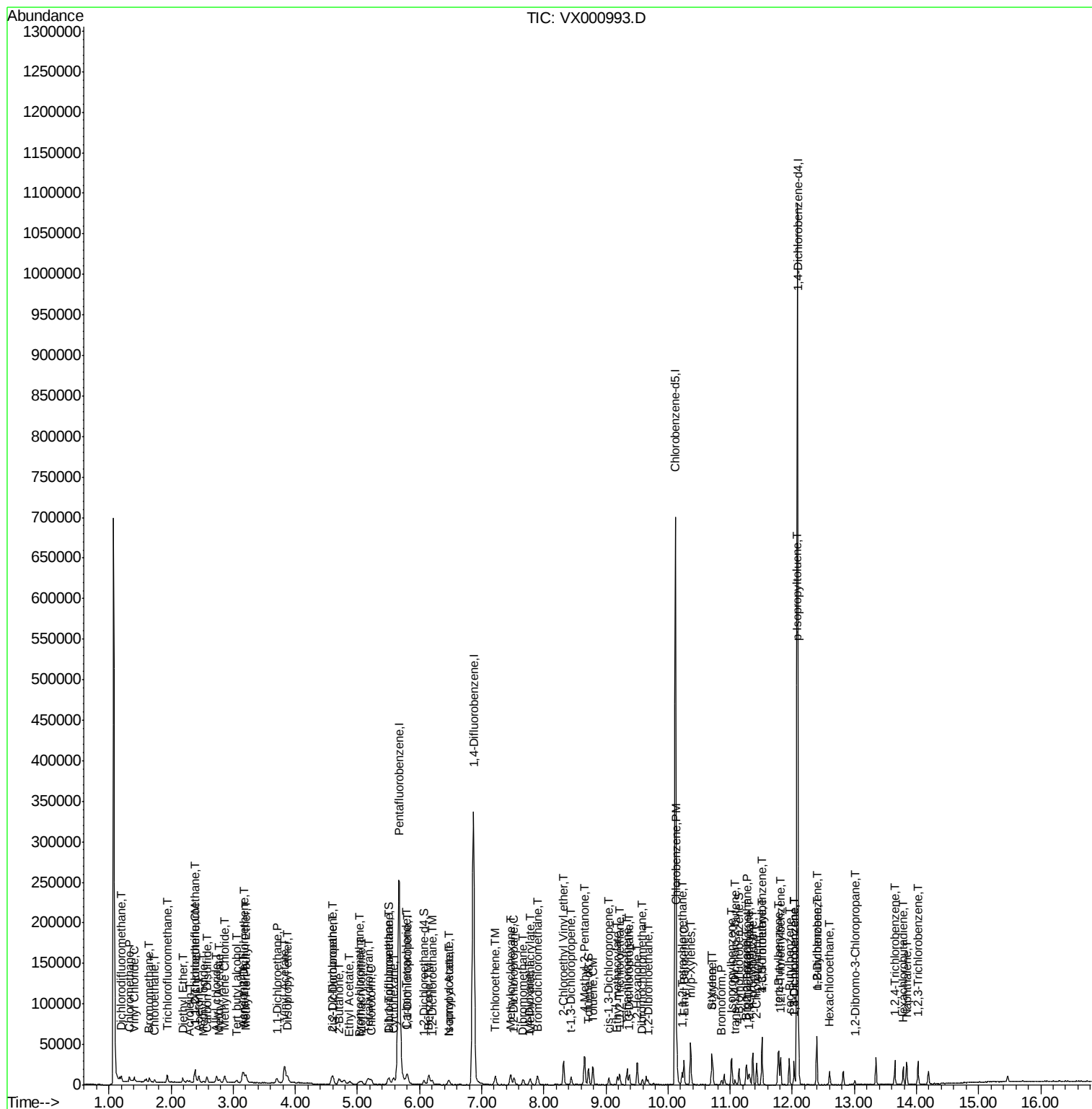
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	7553	1.26	ug/l	99
94) Hexachlorobutadiene	13.79	225	3579	1.35	ug/l	98
95) Naphthalene	13.84	128	16769	1.20	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	7333	1.31	ug/l	95

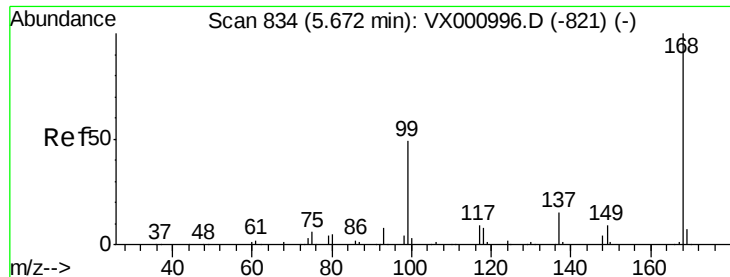
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 2 Sample Multiplier: 1

VSTDICC001

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: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

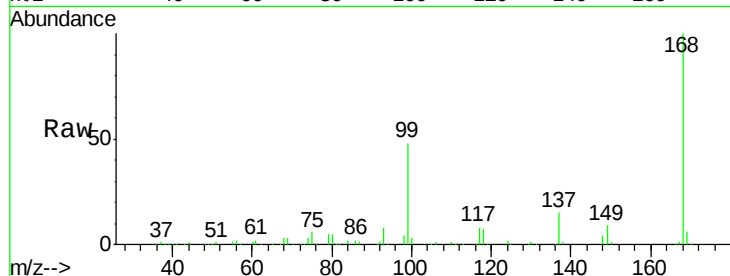
VSTDIC001

Tgt Ion:168 Resp: 271681

Ion Ratio Lower Upper

168 100

99 48.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

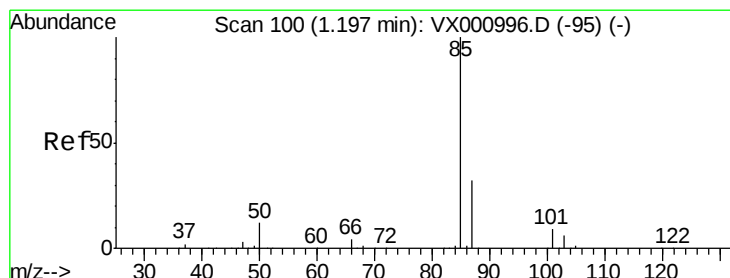
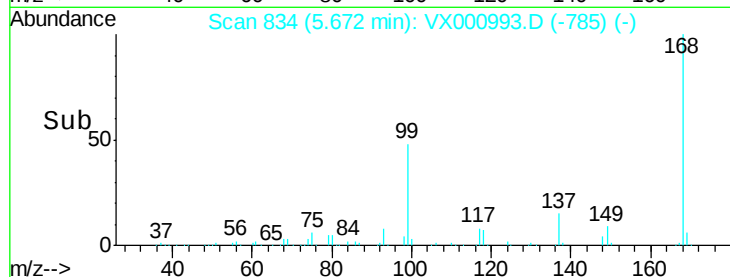
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 1.16 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000993.D

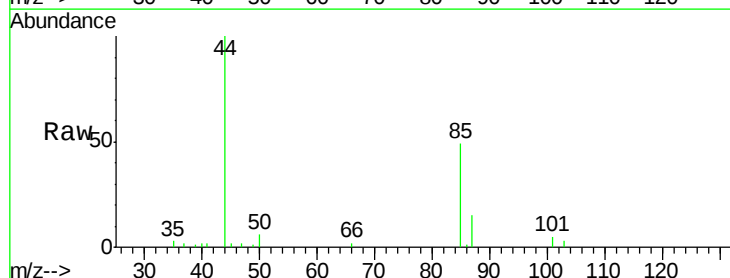
Acq: 19 Apr 2018 17:13

Tgt Ion: 85 Resp: 2998

Ion Ratio Lower Upper

85 100

87 30.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

3000

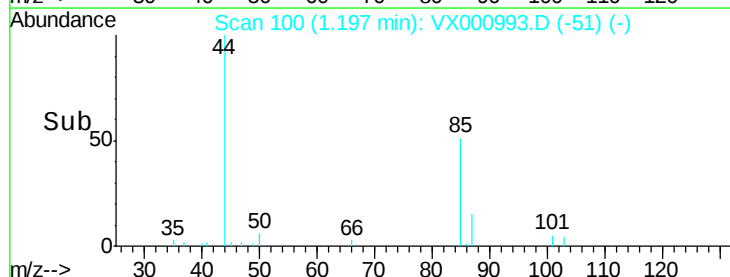
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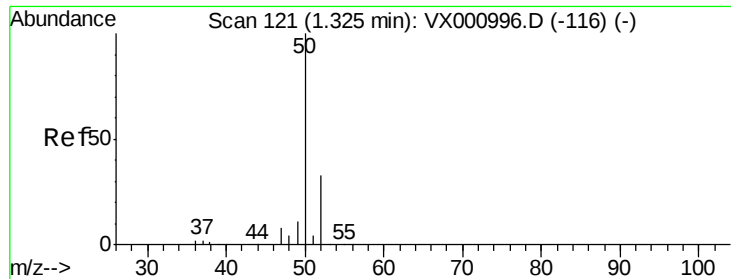
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Time-->

1.15 1.20 1.25

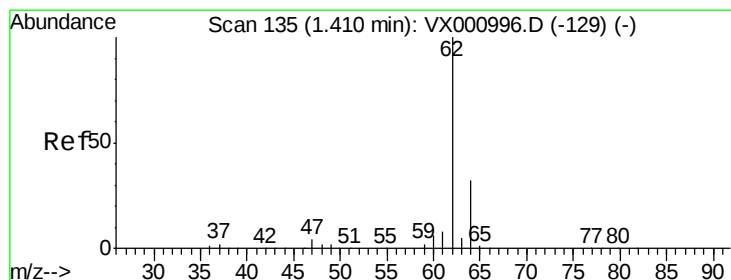
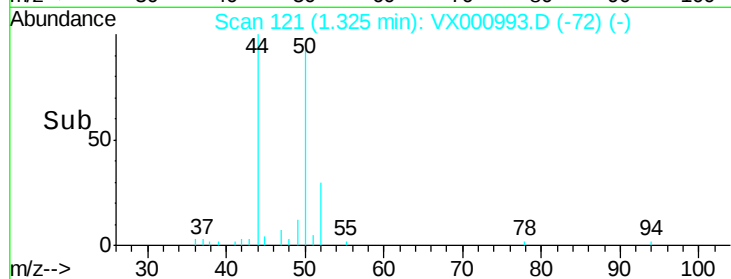
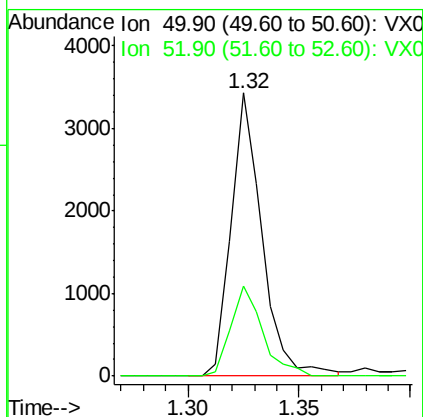
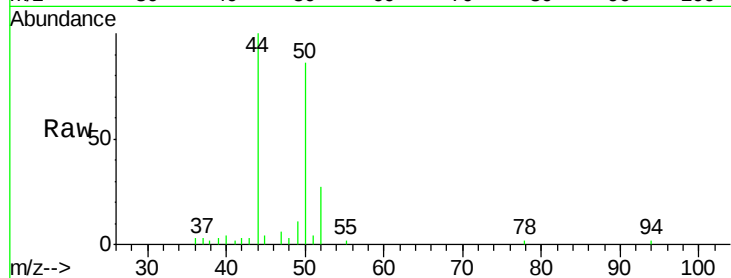




#3
Chloromethane
Concen: 1.24 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

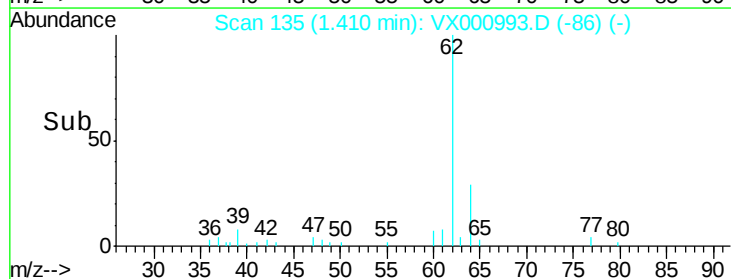
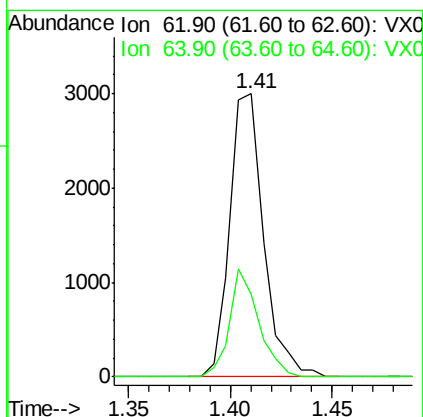
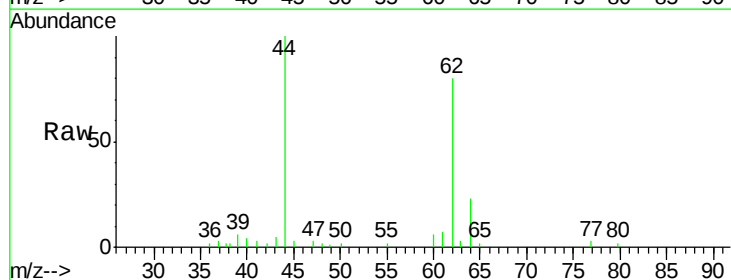
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

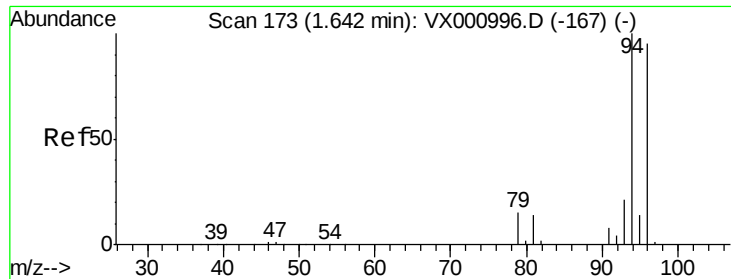
Tgt Ion: 50 Resp: 3318
Ion Ratio Lower Upper
50 100
52 32.0 26.3 39.5



#4
Vinyl Chloride
Concen: 1.32 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion: 62 Resp: 3431
Ion Ratio Lower Upper
62 100
64 28.9 25.6 38.4

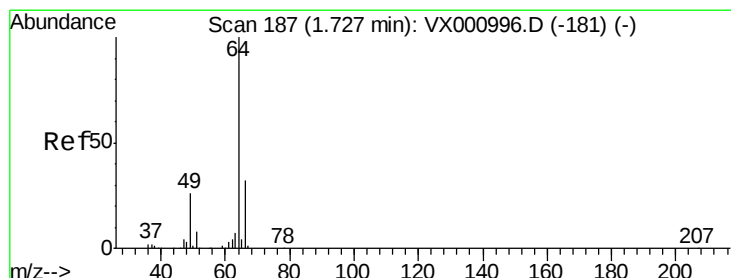
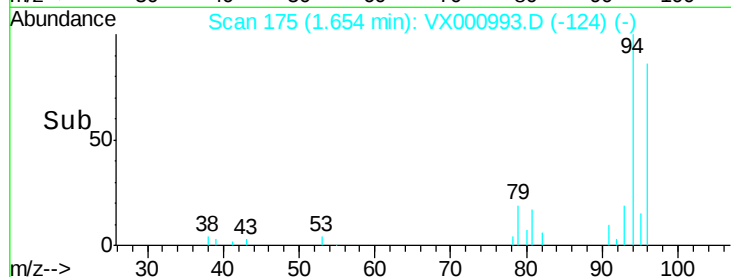
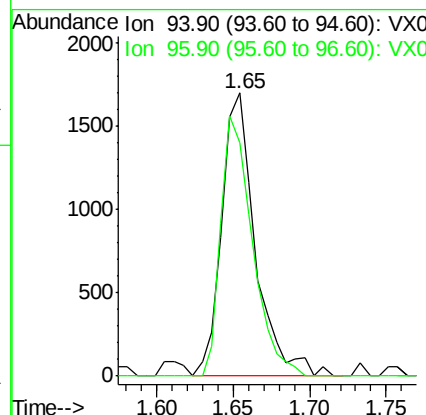
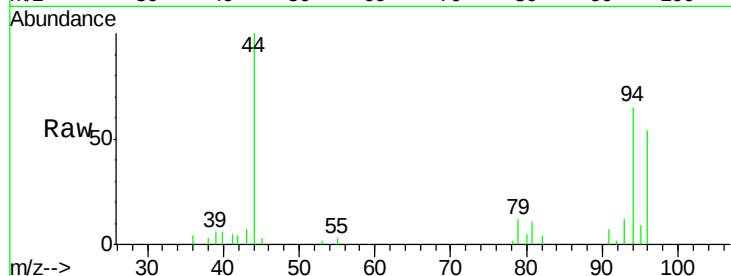




#5
Bromomethane
Concen: 1.51 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

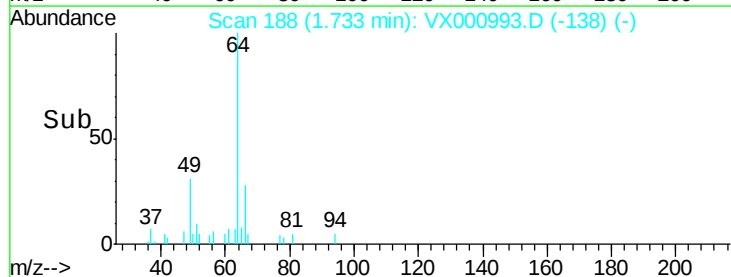
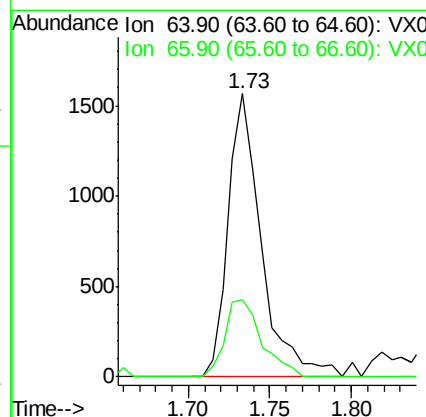
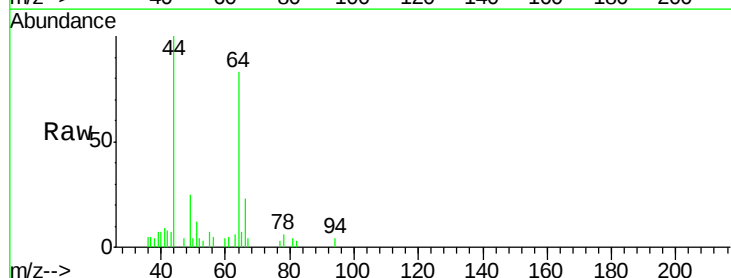
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

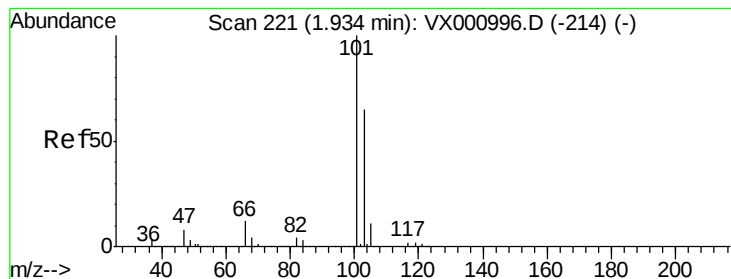
Tgt Ion: 94 Resp: 2587
Ion Ratio Lower Upper
94 100
96 82.6 76.0 114.0



#6
Chloroethane
Concen: 1.22 ug/l
RT: 1.73 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion: 64 Resp: 2220
Ion Ratio Lower Upper
64 100
66 27.3 25.3 37.9



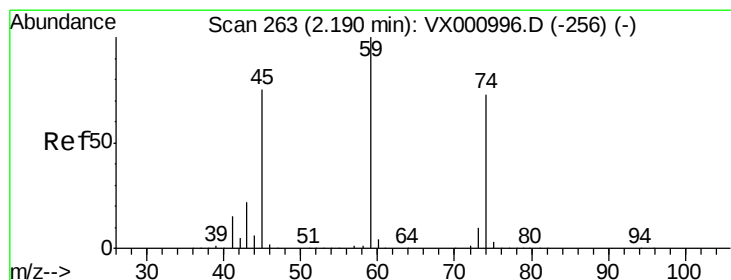
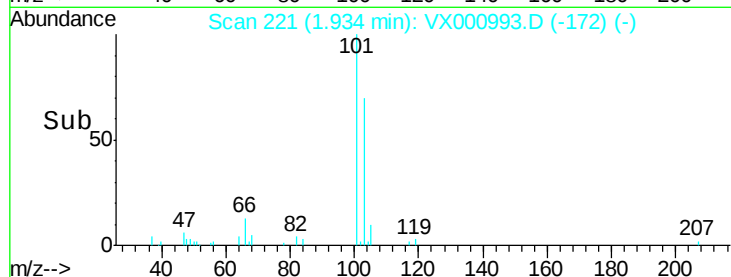
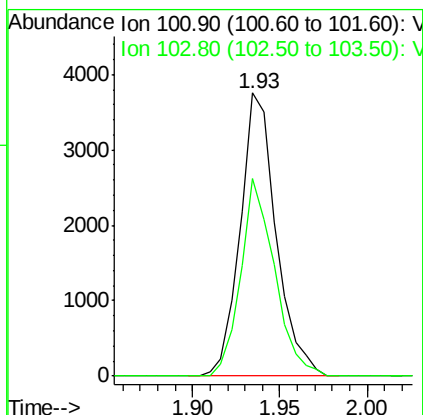
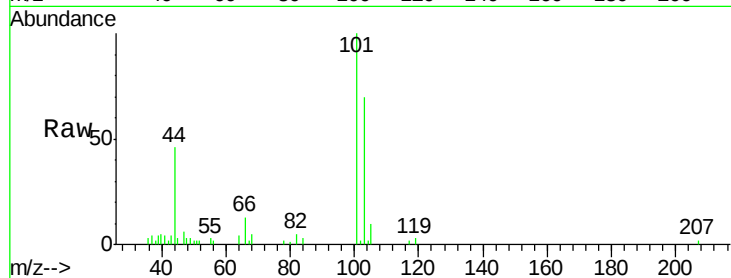


#7

Trichlorofluoromethane
 Concen: 1.37 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

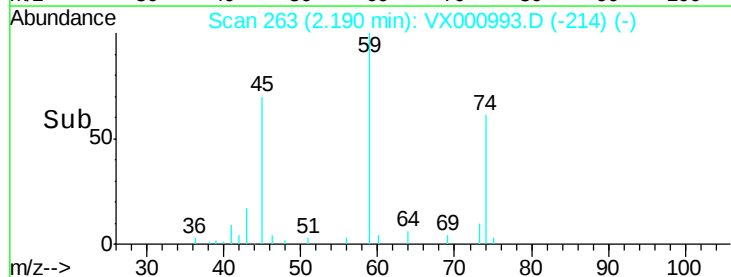
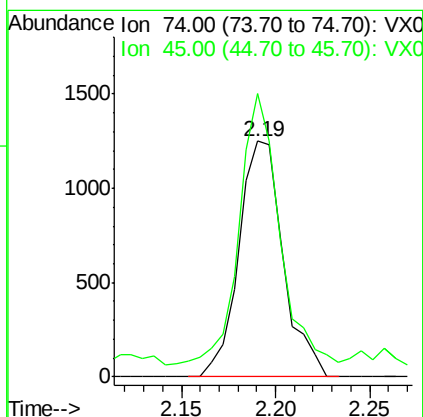
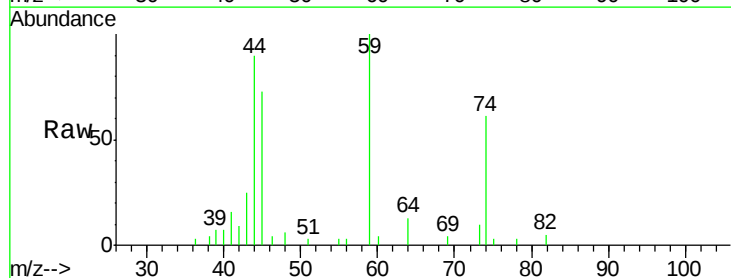
Tgt Ion: 101 Resp: 5370
 Ion Ratio Lower Upper
 101 100
 103 69.8 51.8 77.8

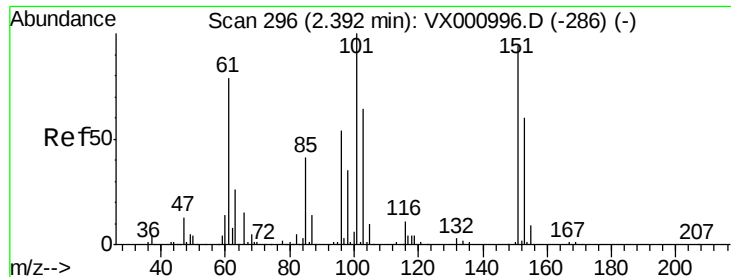


#8

Diethyl Ether
 Concen: 1.36 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion: 74 Resp: 2040
 Ion Ratio Lower Upper
 74 100
 45 103.5 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.40 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

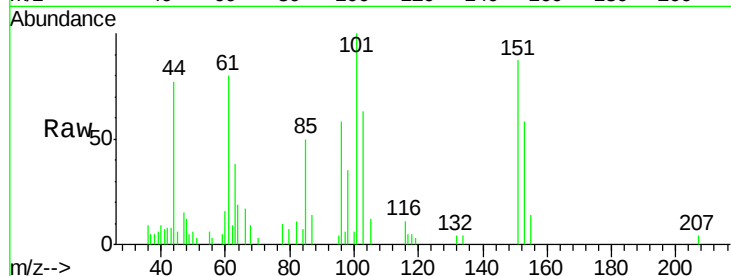
Tgt Ion:101 Resp: 3279

Ion Ratio Lower Upper

101 100

85 47.0 33.9 50.9

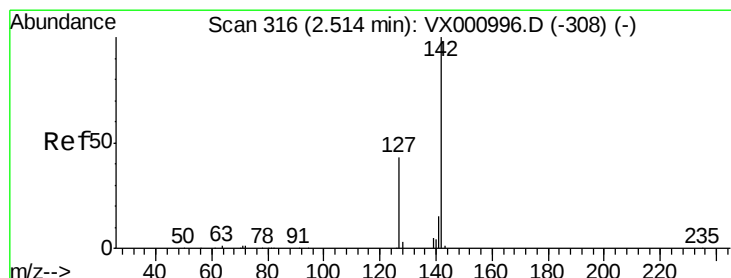
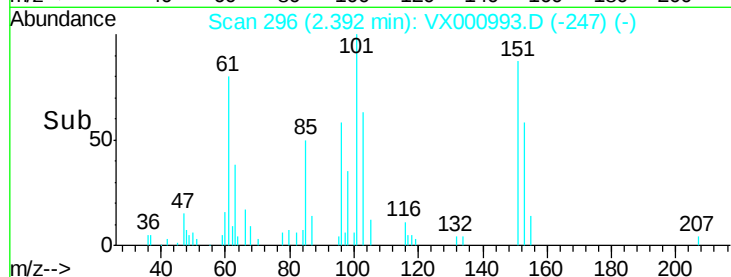
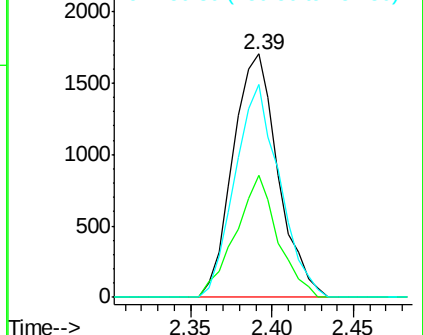
151 86.6 73.5 110.3



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: 0.64 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

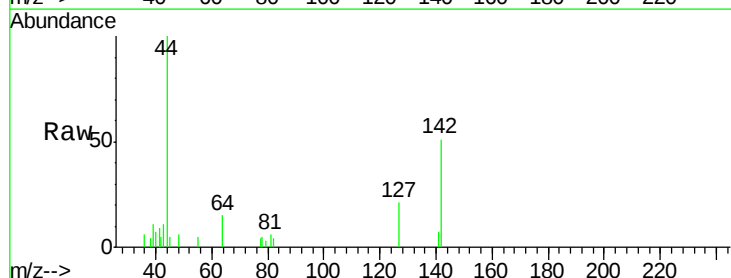
Tgt Ion:142 Resp: 1365

Ion Ratio Lower Upper

142 100

127 51.9 34.0 51.0#

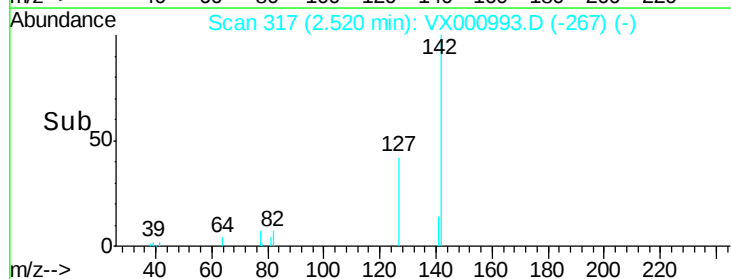
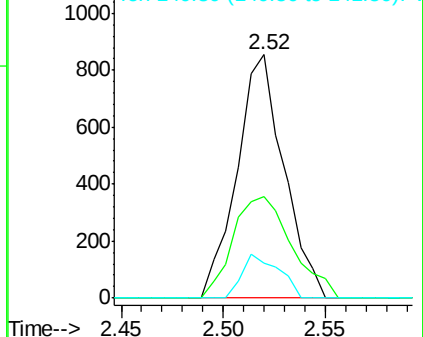
141 14.1 11.4 17.2

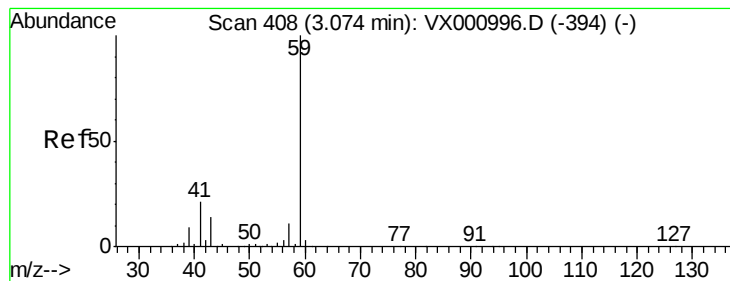


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



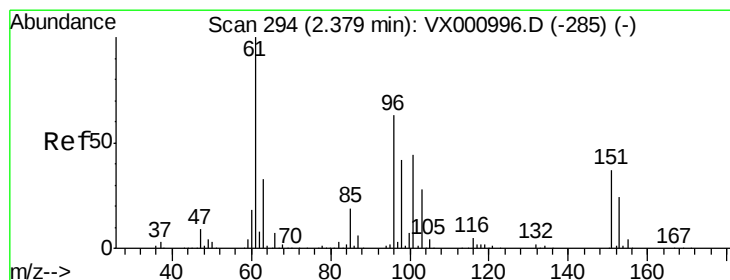
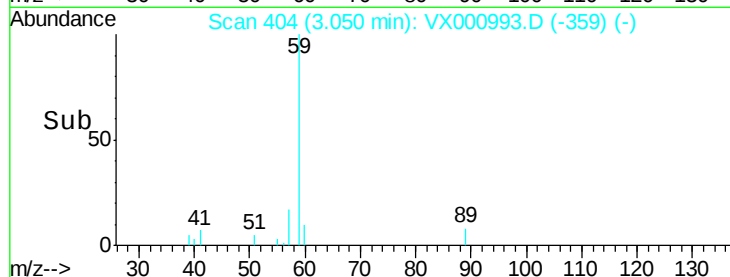
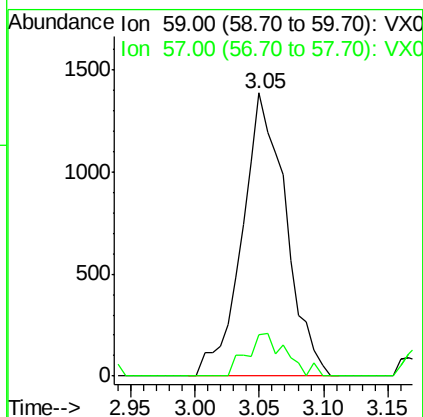
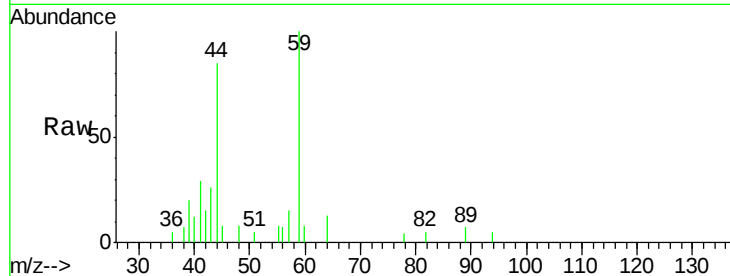


#11

Tert butyl alcohol
 Concen: 7.26 ug/l
 RT: 3.05 min Scan# 404
 Delta R.T. -0.02 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

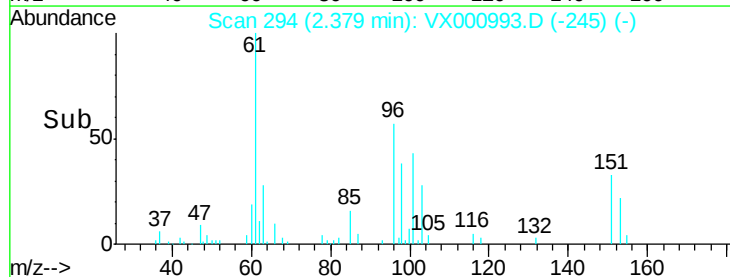
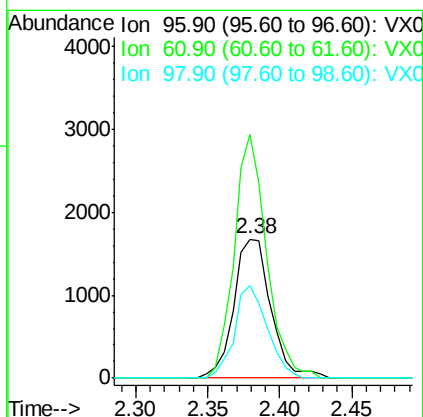
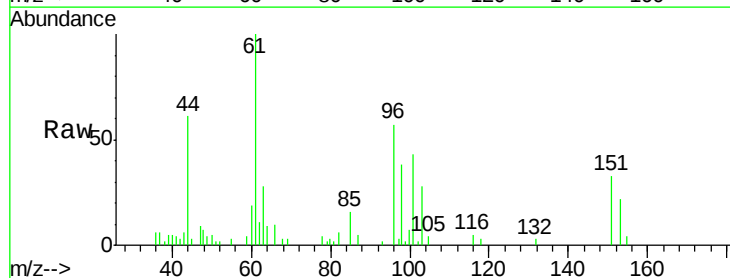
Tgt Ion: 59 Resp: 3243
 Ion Ratio Lower Upper
 59 100
 57 13.4 8.3 12.5#

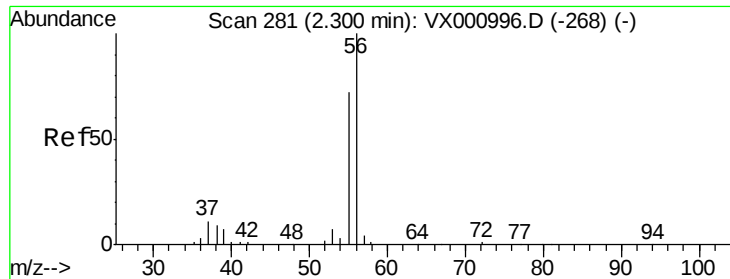


#12

1,1-Dichloroethene
 Concen: 1.34 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion: 96 Resp: 3012
 Ion Ratio Lower Upper
 96 100
 61 175.3 126.4 189.6
 98 66.6 52.6 78.8





#13

Acrolein

Concen: 13.66 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

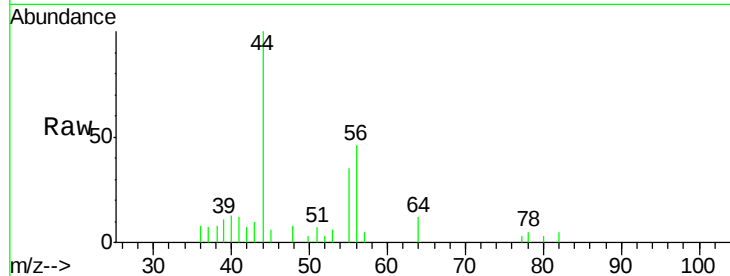
VSTDIC001

Tgt Ion: 56 Resp: 1242

Ion Ratio Lower Upper

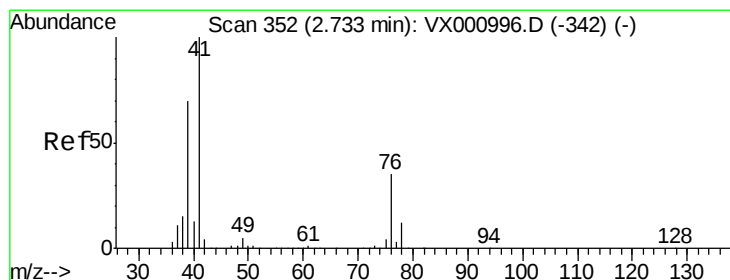
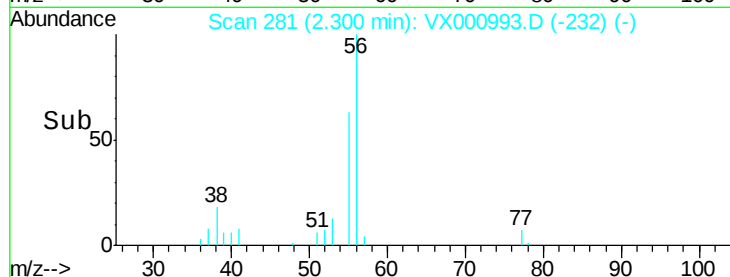
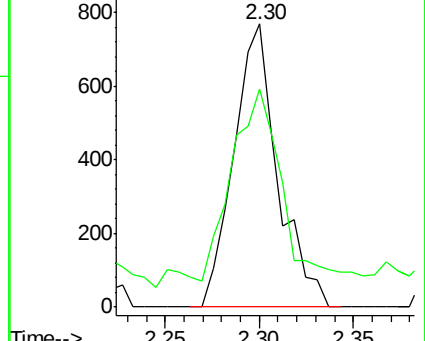
56 100

55 86.7 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: 1.27 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

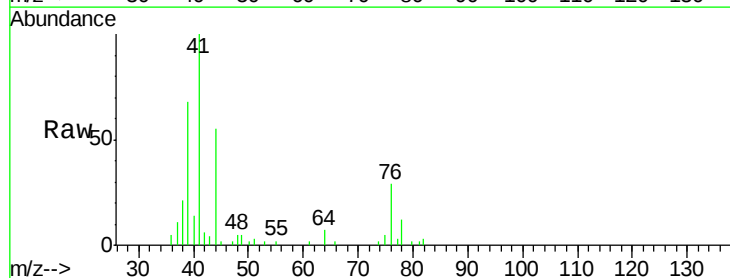
Tgt Ion: 41 Resp: 5307

Ion Ratio Lower Upper

41 100

39 67.6 53.0 79.6

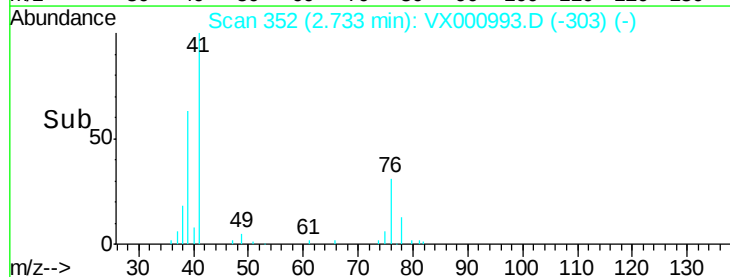
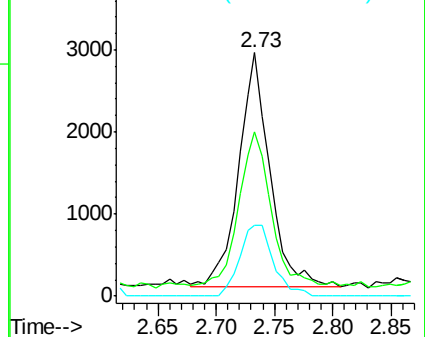
76 32.8 25.9 38.9

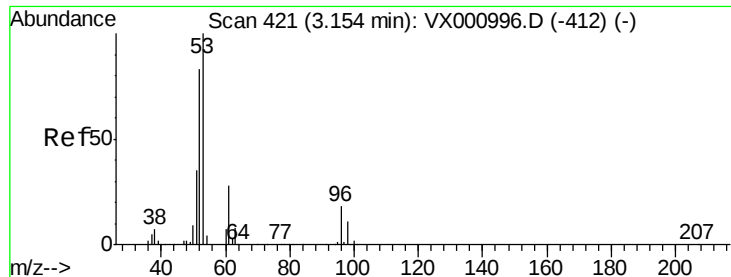


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 6.97 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

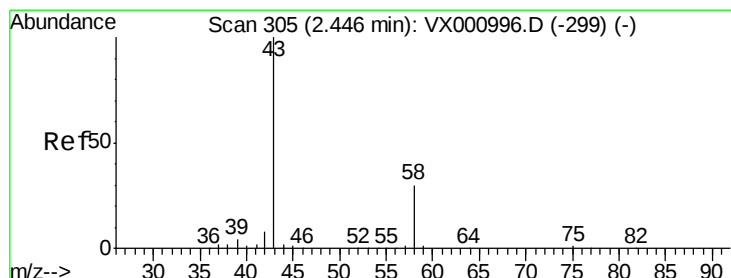
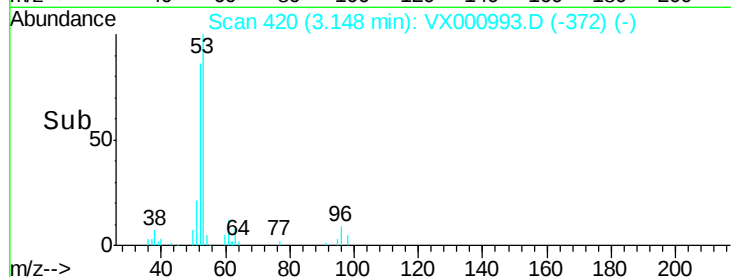
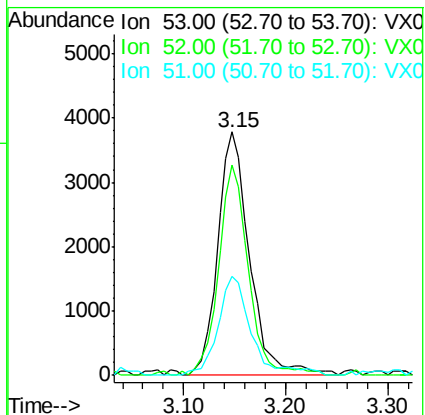
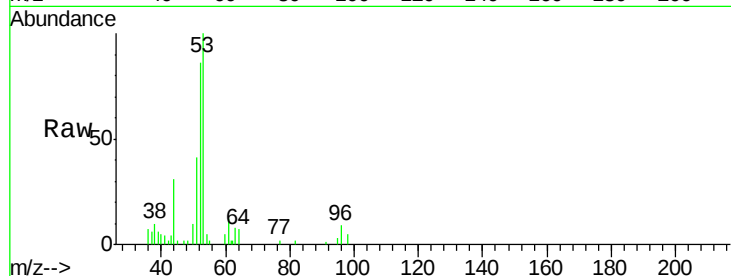
Tgt Ion: 53 Resp: 8229

Ion Ratio Lower Upper

53 100

52 81.0 66.4 99.6

51 42.3 29.0 43.6



#16

Acetone

Concen: 7.19 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX000993.D

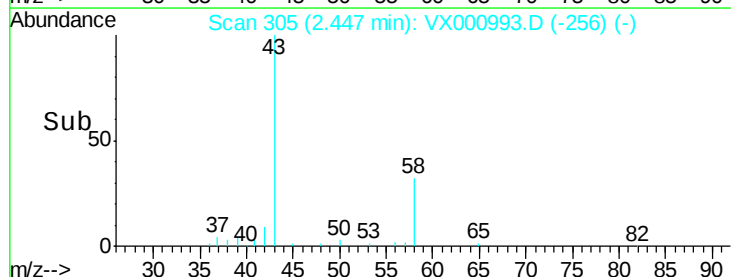
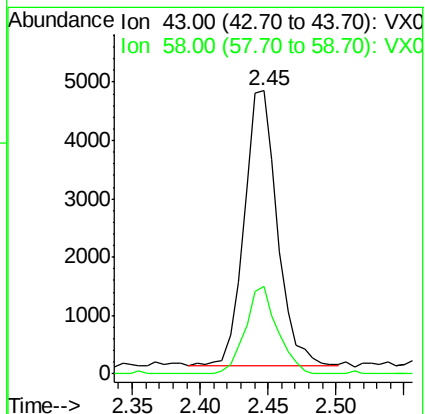
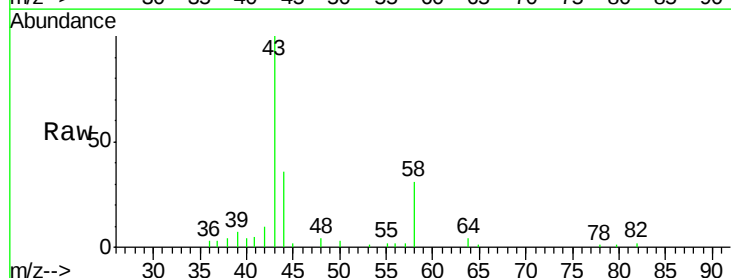
Acq: 19 Apr 2018 17:13

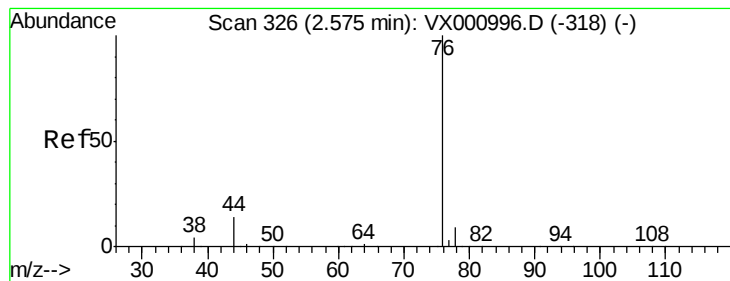
Tgt Ion: 43 Resp: 8035

Ion Ratio Lower Upper

43 100

58 31.6 23.7 35.5





#17

Carbon Disulfide

Concen: 1.26 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

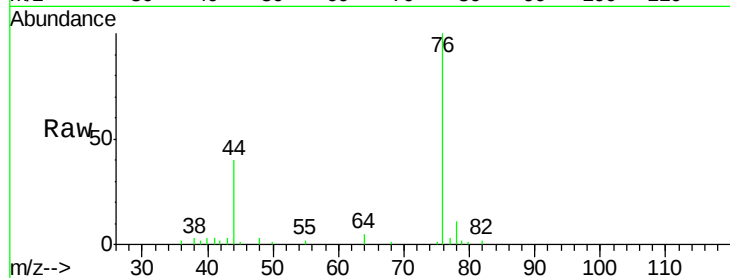
VSTDIC001

Tgt Ion: 76 Resp: 8802

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

6000

5000

4000

3000

2000

1000

0

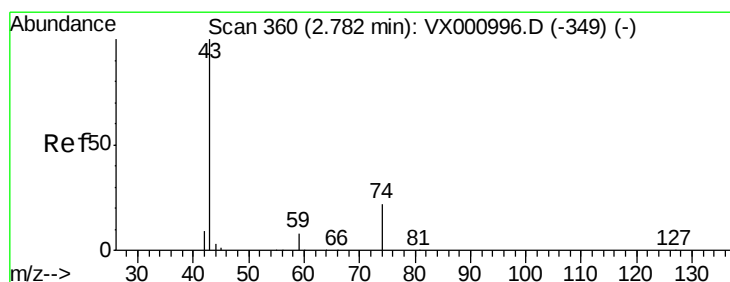
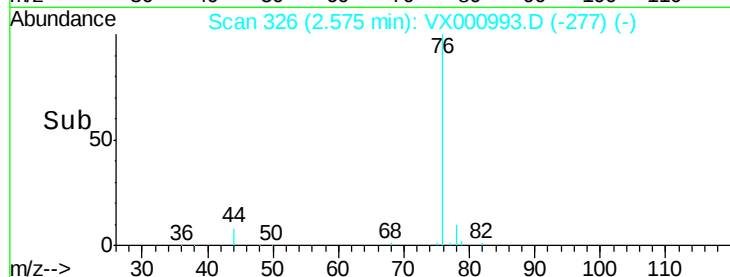
Time-->

2.50

2.55

2.60

2.65



#18

Methyl Acetate

Concen: 1.36 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX000993.D

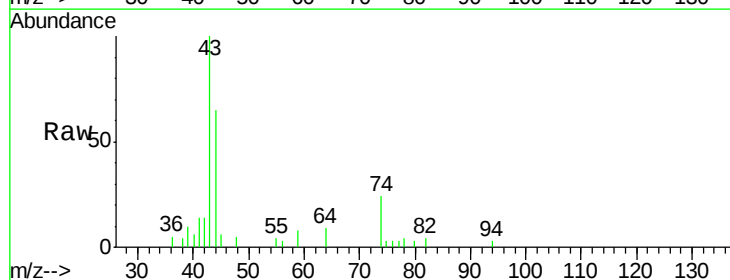
Acq: 19 Apr 2018 17:13

Tgt Ion: 43 Resp: 3944

Ion Ratio Lower Upper

43 100

74 22.5 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

2500

2000

1500

1000

500

0

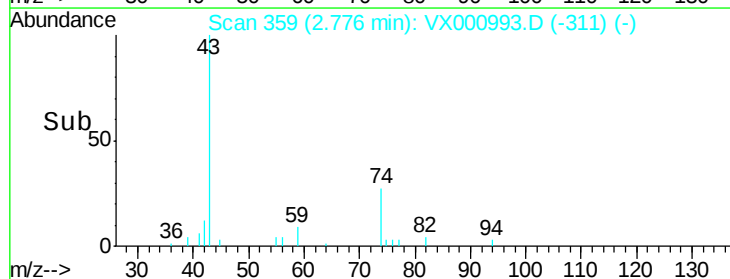
Time-->

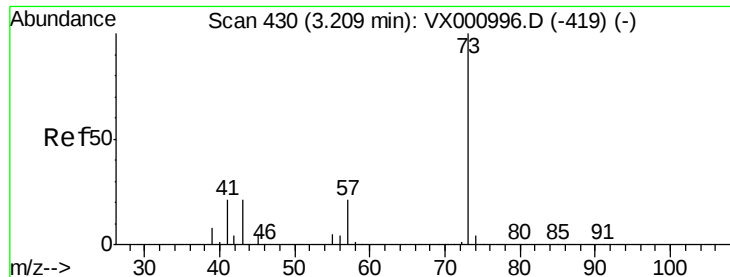
2.70

2.75

2.80

2.85

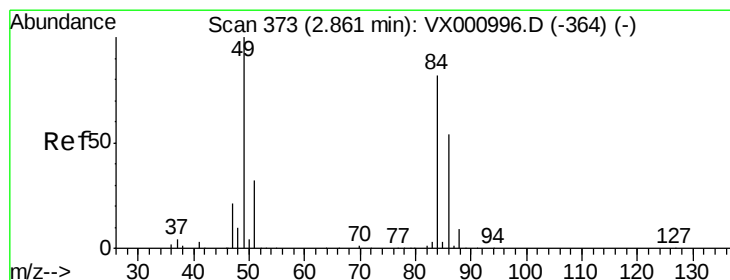
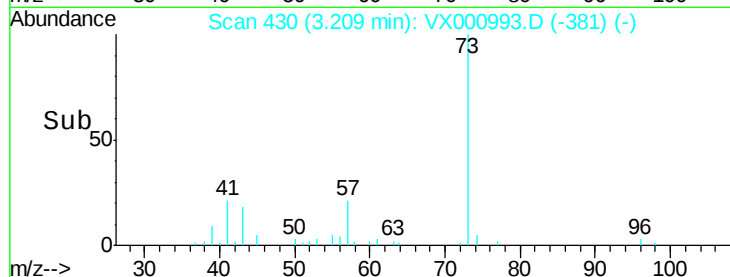
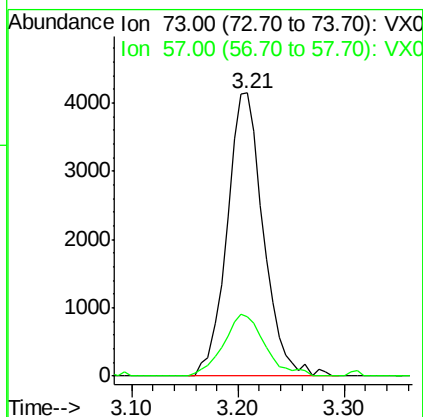
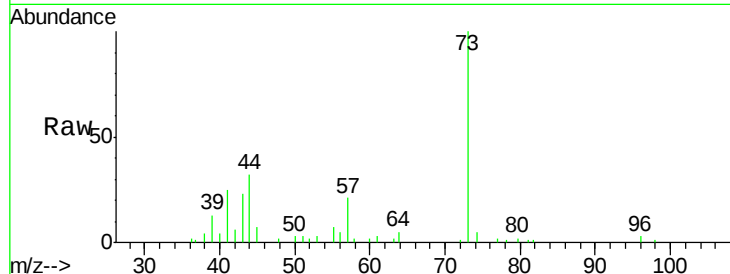




#19
Methyl tert-butyl Ether
Concen: 1.36 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

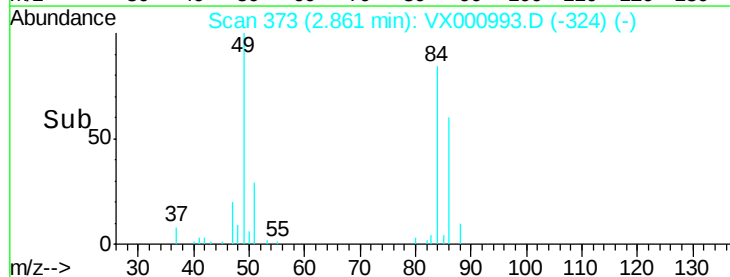
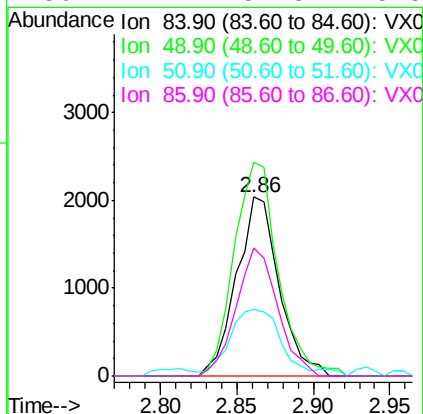
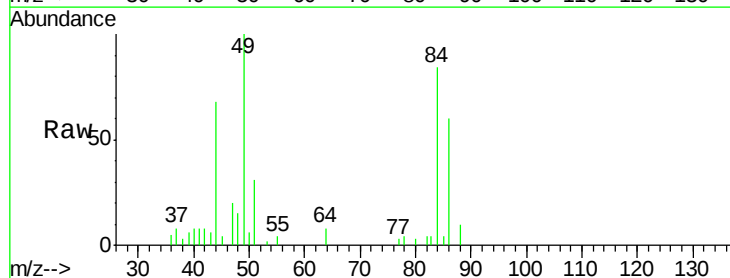
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

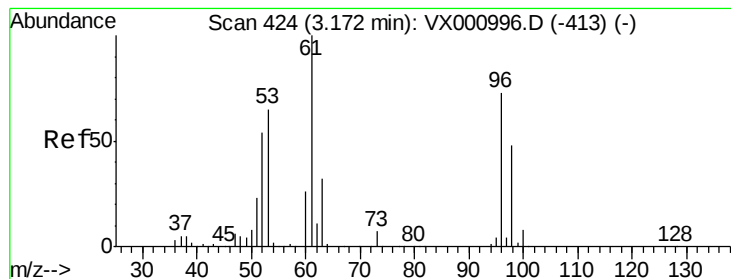
Tgt Ion: 73 Resp: 9900
Ion Ratio Lower Upper
73 100
57 21.2 17.1 25.7



#20
Methylene Chloride
Concen: 1.50 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion: 84 Resp: 3924
Ion Ratio Lower Upper
84 100
49 119.4 97.1 145.7
51 34.8 30.8 46.2
86 71.7 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 1.39 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

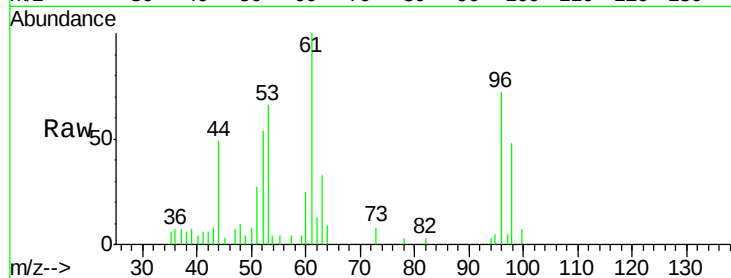
Tgt Ion: 96 Resp: 3524

Ion Ratio Lower Upper

96 100

61 139.6 109.4 164.2

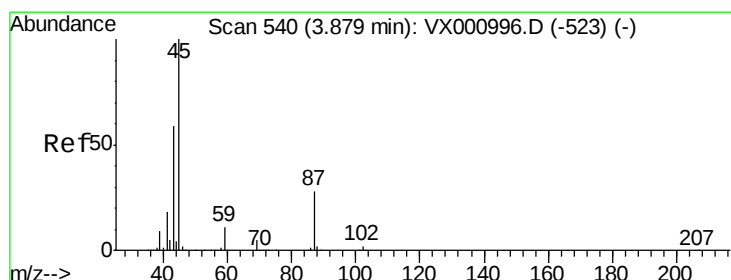
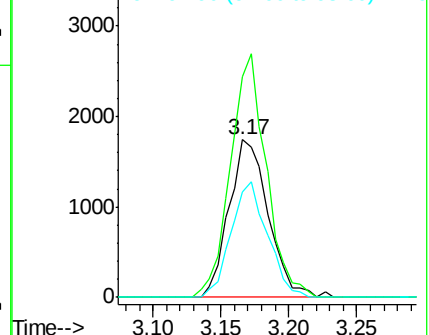
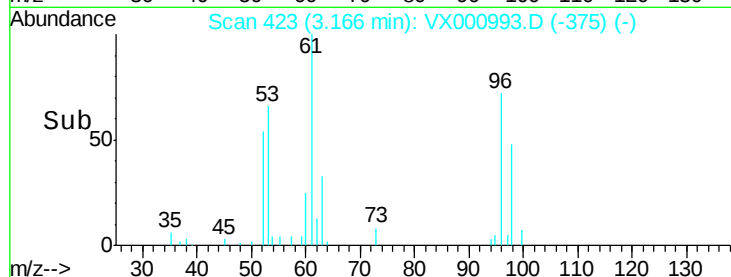
98 67.0 52.6 78.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 1.22 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Tgt Ion: 45 Resp: 9724

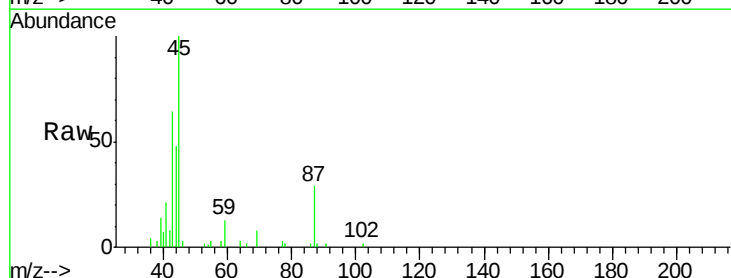
Ion Ratio Lower Upper

45 100

43 58.5 47.0 70.4

87 29.4 22.5 33.7

59 13.3 8.8 13.2#

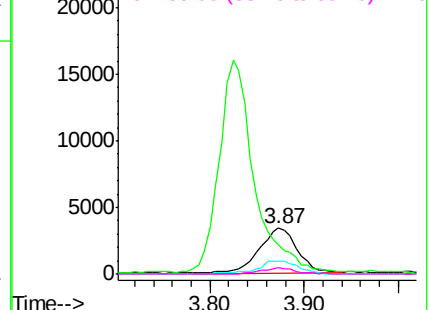
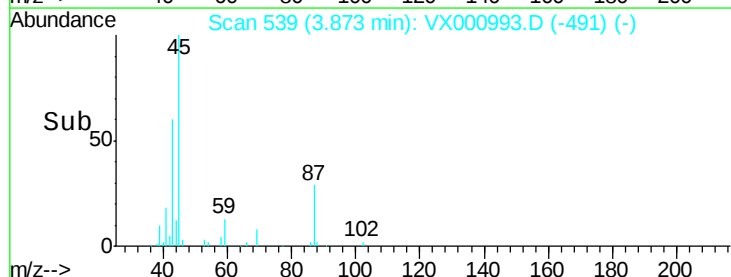


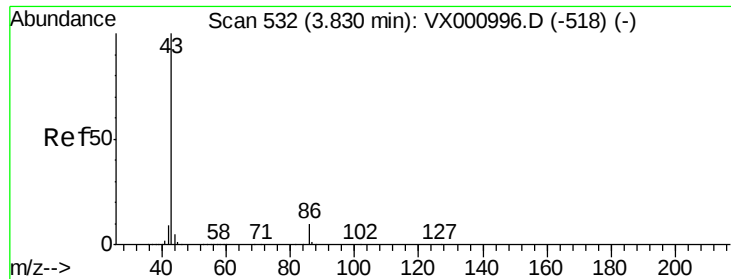
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

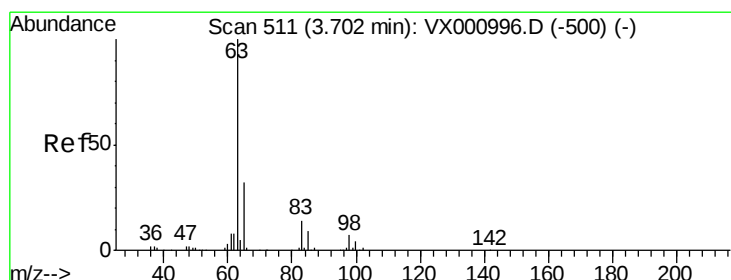
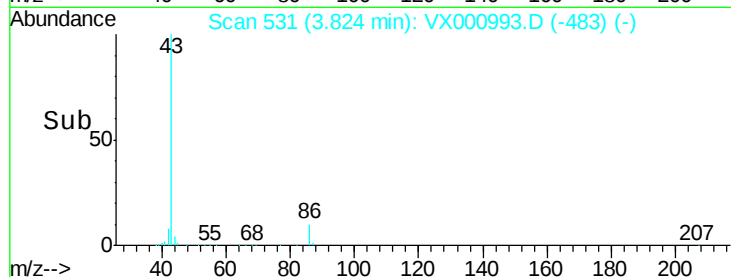
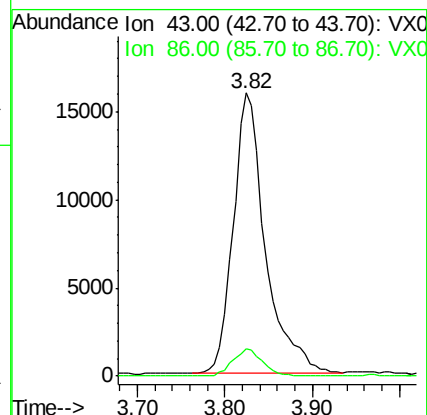
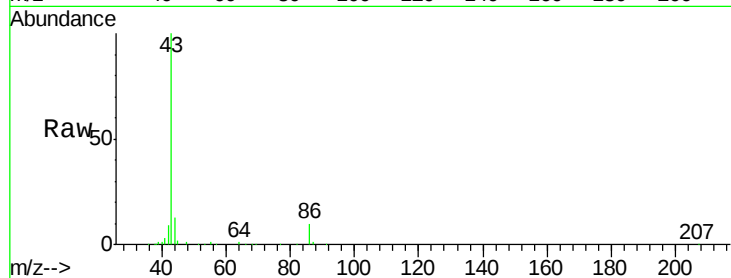




#23
 Vinyl Acetate
 Concen: 6.28 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

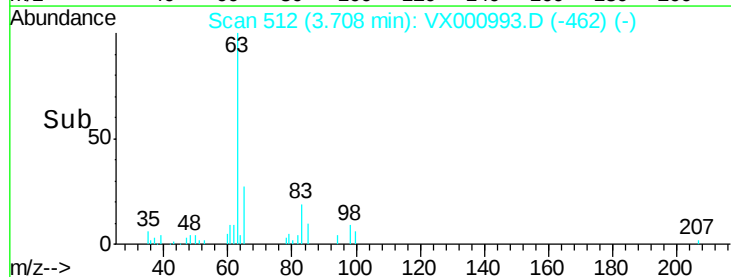
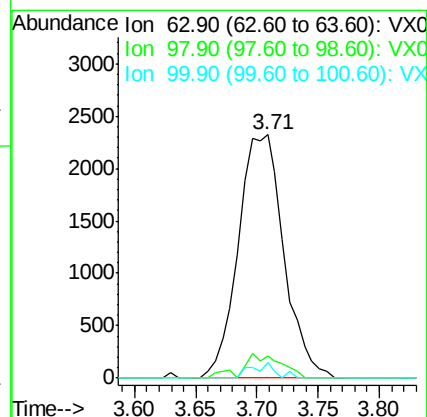
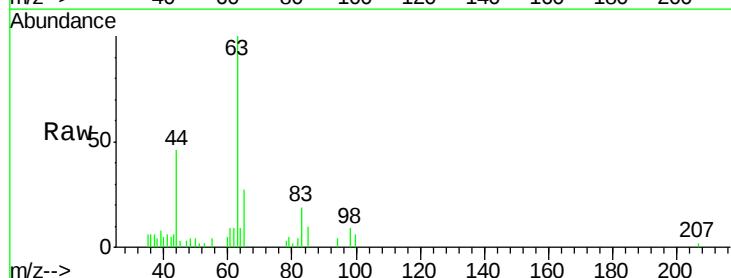
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

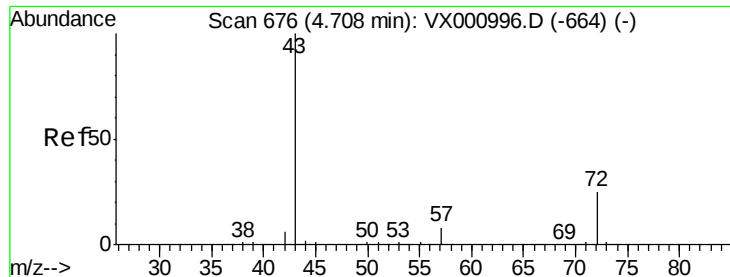
Tgt Ion: 43 Resp: 40957
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 1.40 ug/l
 RT: 3.71 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion: 63 Resp: 6010
 Ion Ratio Lower Upper
 63 100
 98 9.3 3.4 10.1
 100 6.3 2.1 6.3





#25

2-Butanone

Concen: 6.59 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

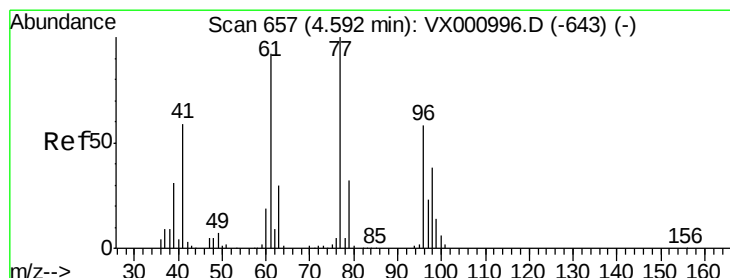
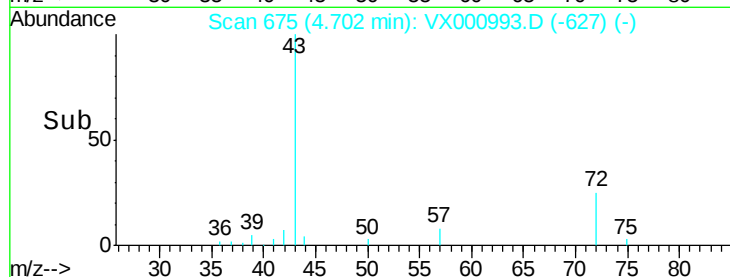
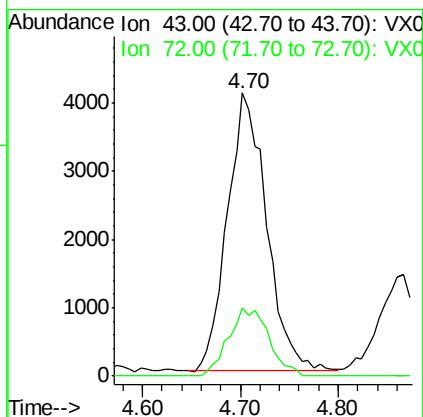
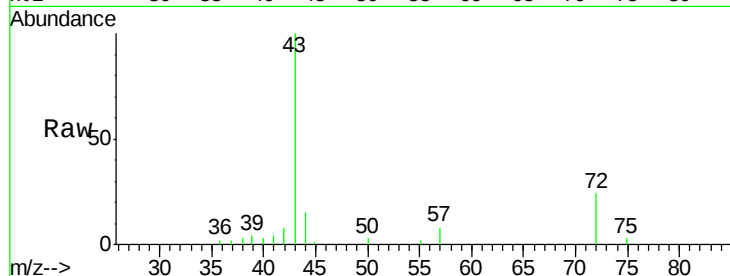
VSTDIC001

Tgt Ion: 43 Resp: 11329

Ion Ratio Lower Upper

43 100

72 24.5 19.9 29.9



#26

2,2-Dichloropropane

Concen: 1.29 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000993.D

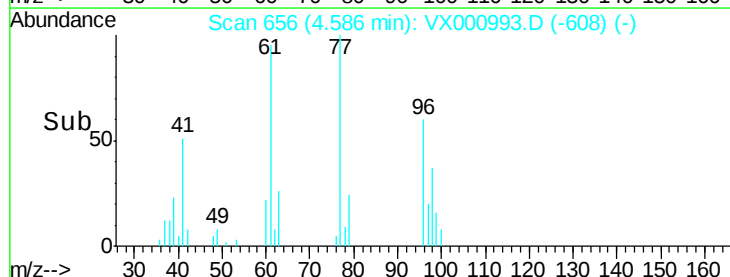
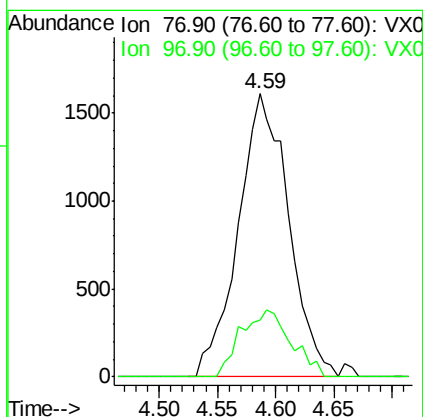
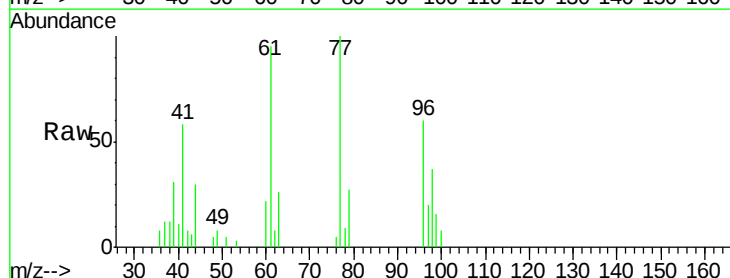
Acq: 19 Apr 2018 17:13

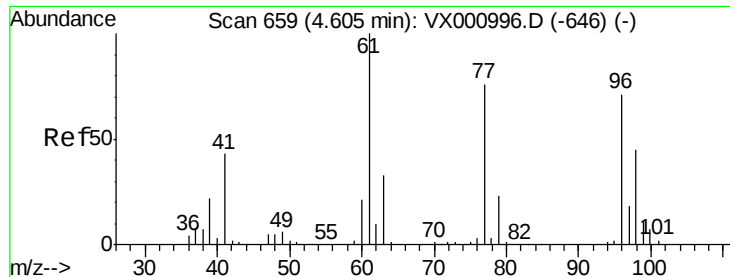
Tgt Ion: 77 Resp: 4856

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 1.32 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

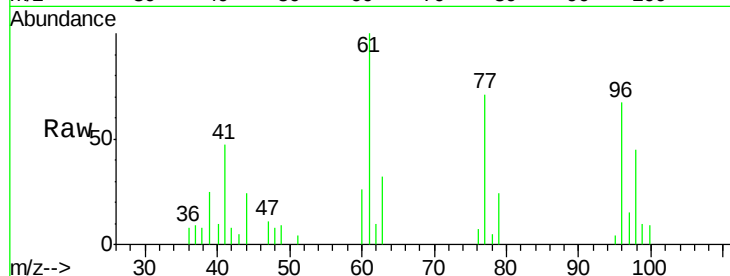
Tgt Ion: 96 Resp: 3607

Ion Ratio Lower Upper

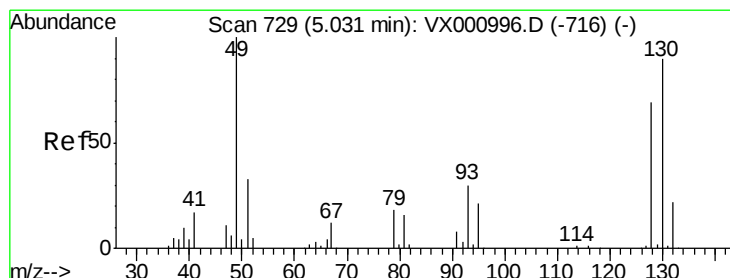
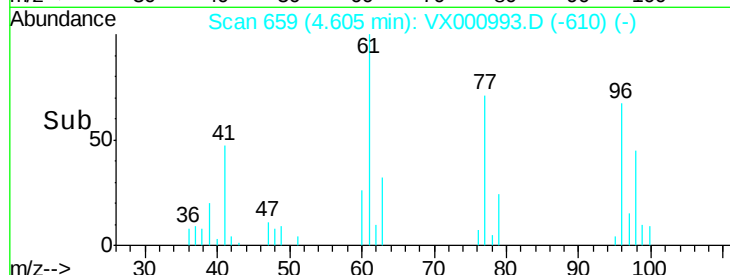
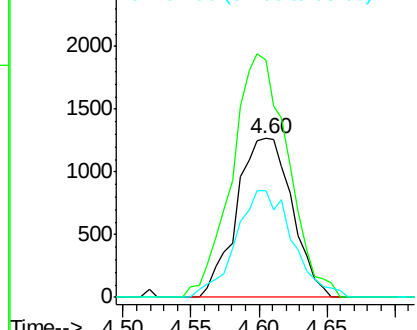
96 100

61 154.4 0.0 297.0

98 68.9 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: 1.13 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

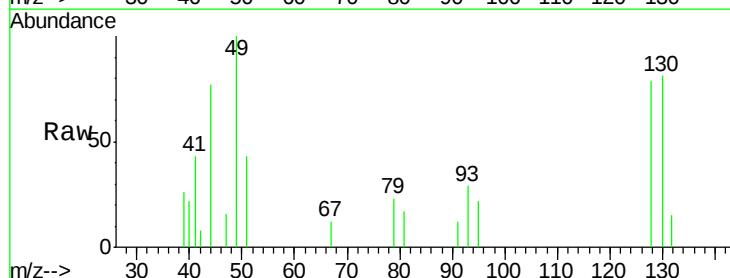
Tgt Ion: 49 Resp: 2044

Ion Ratio Lower Upper

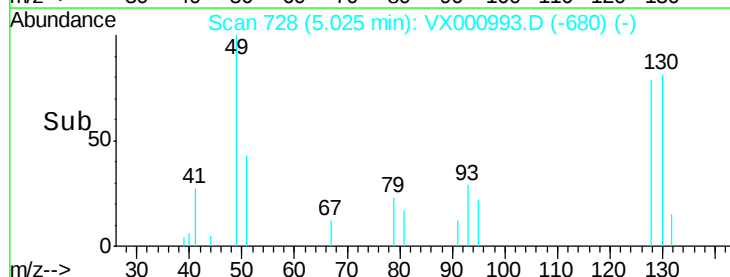
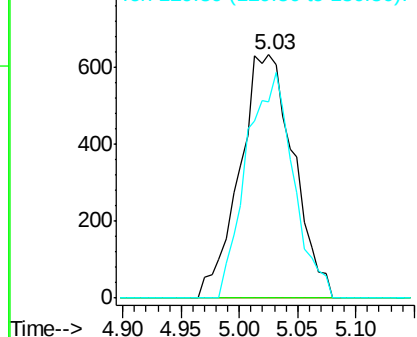
49 100

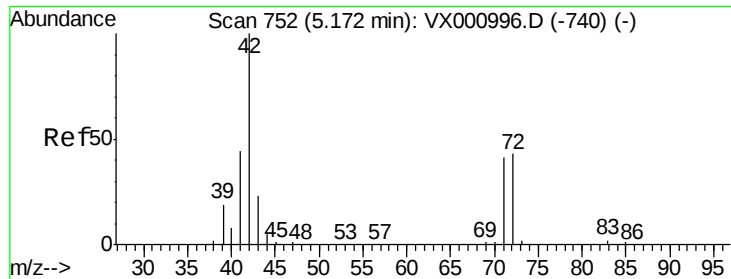
129 0.0 0.0 4.8

130 80.6 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

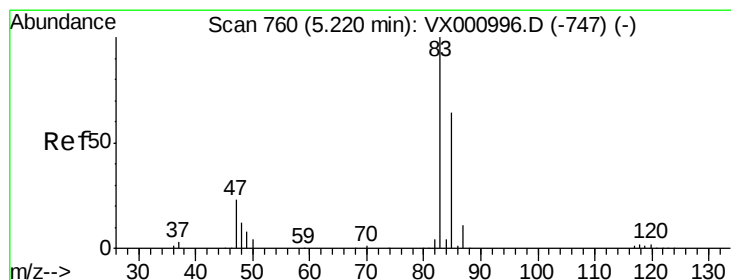
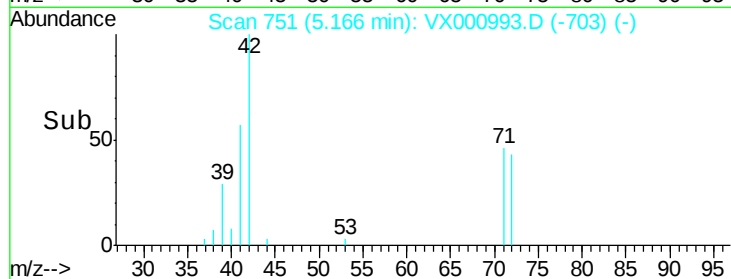
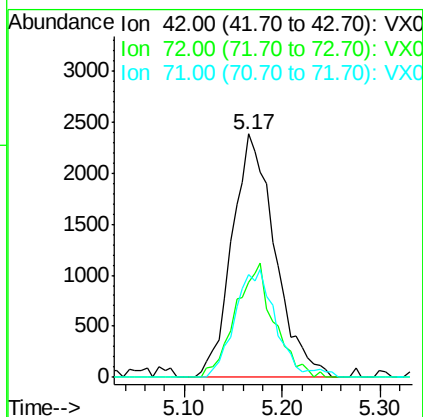
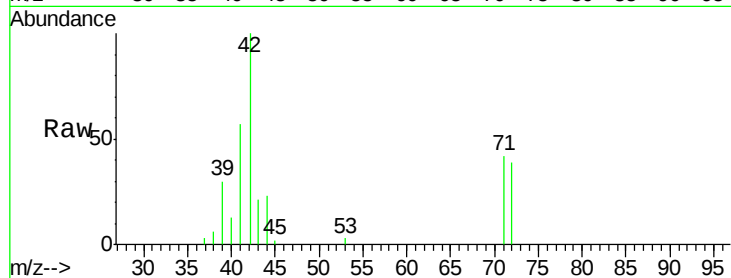




#29
Tetrahydrofuran
Concen: 6.62 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

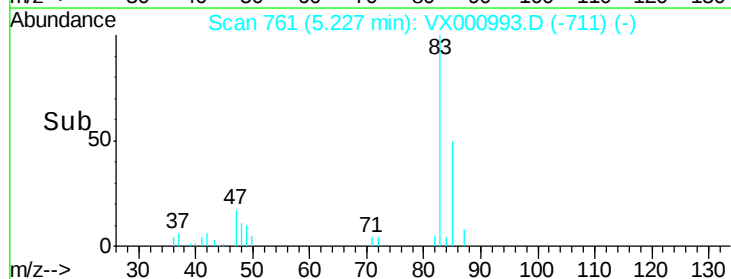
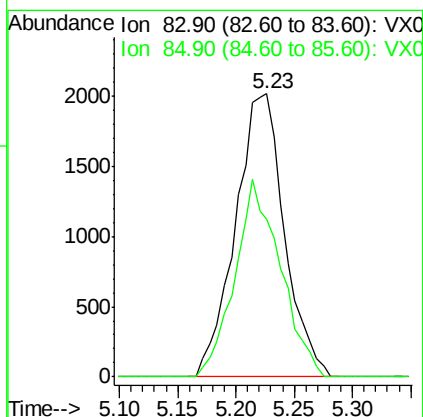
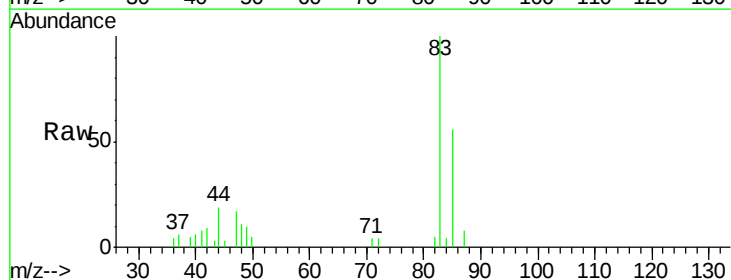
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

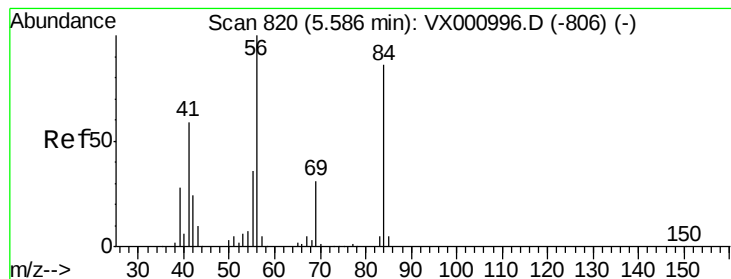
Tgt Ion: 42 Resp: 7259
Ion Ratio Lower Upper
42 100
72 42.4 34.6 52.0
71 41.6 32.6 49.0



#30
Chloroform
Concen: 1.33 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion: 83 Resp: 5907
Ion Ratio Lower Upper
83 100
85 55.7 51.3 76.9





#31

Cyclohexane

Concen: 1.48 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

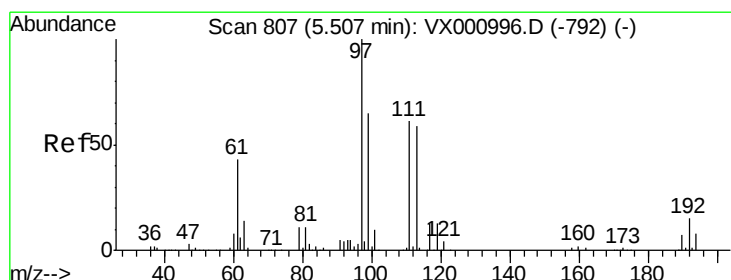
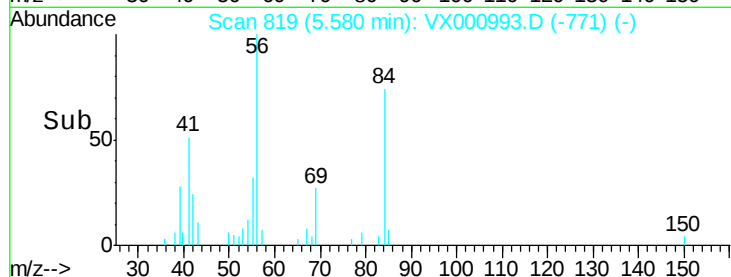
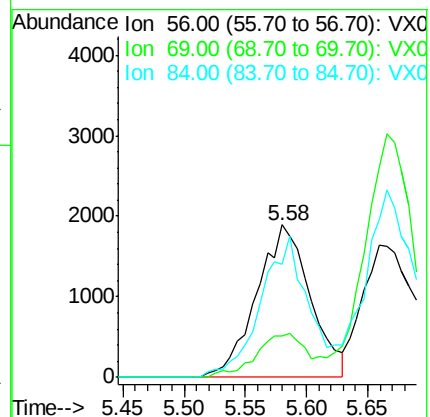
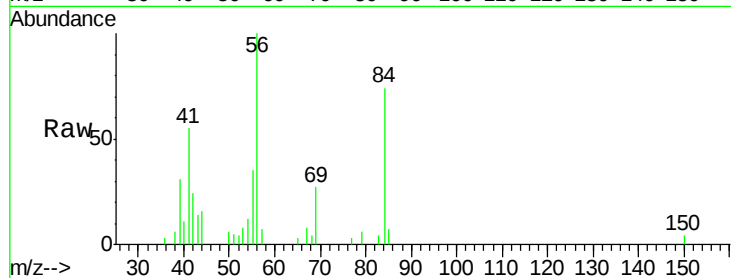
Tgt Ion: 56 Resp: 5770

Ion Ratio Lower Upper

56 100

69 27.5 24.6 36.8

84 73.8 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 1.26 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

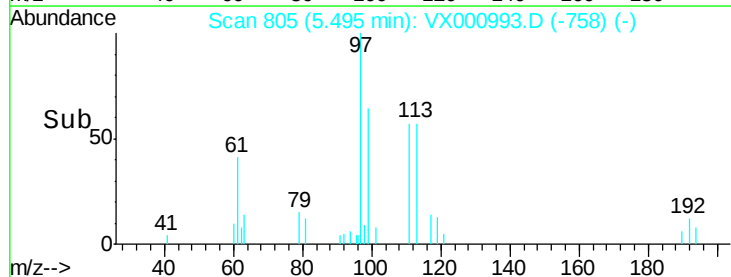
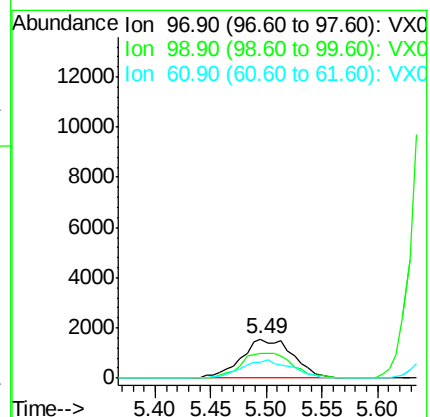
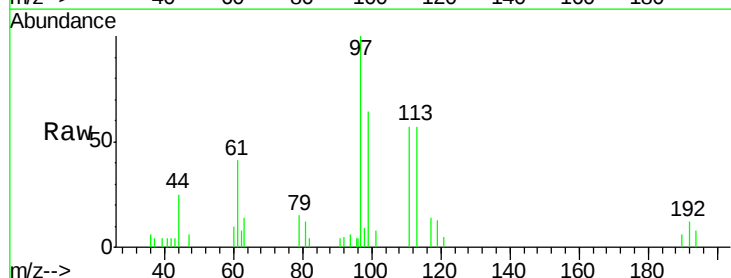
Tgt Ion: 97 Resp: 4977

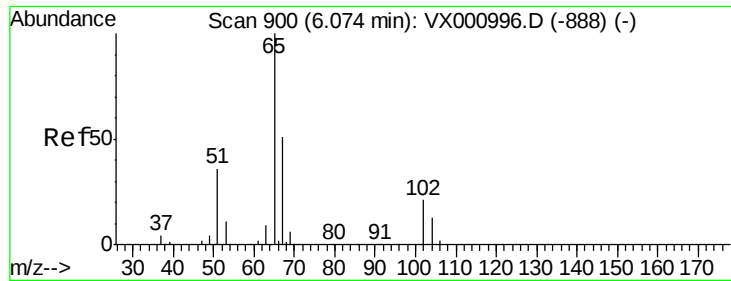
Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

61 44.3 34.4 51.6





#33

1,2-Dichloroethane-d4

Concen: 1.24 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

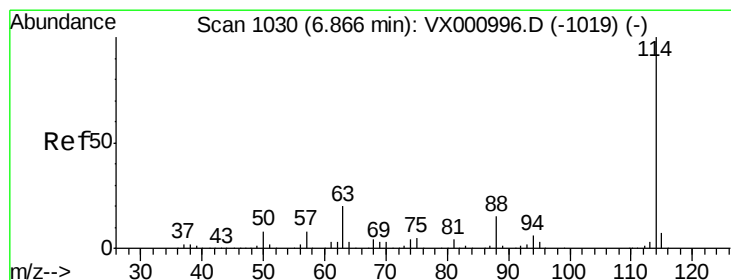
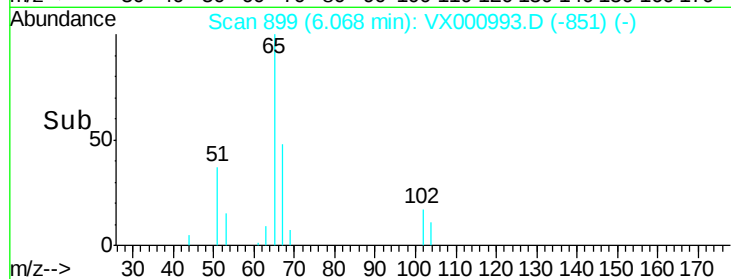
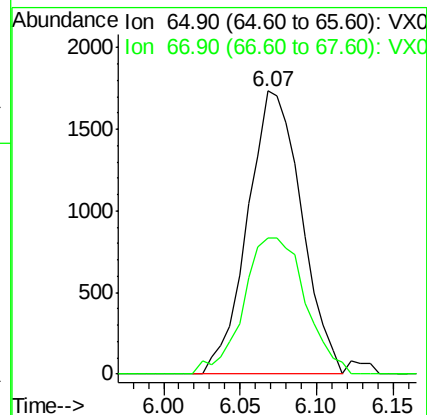
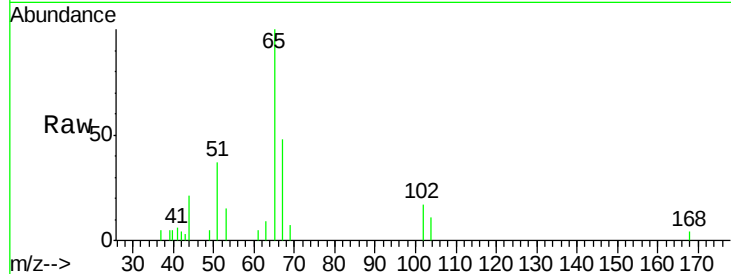
VSTDIC001

Tgt Ion: 65 Resp: 4245

Ion Ratio Lower Upper

65 100

67 55.1 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

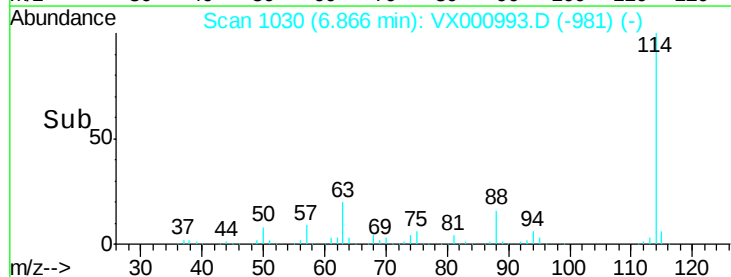
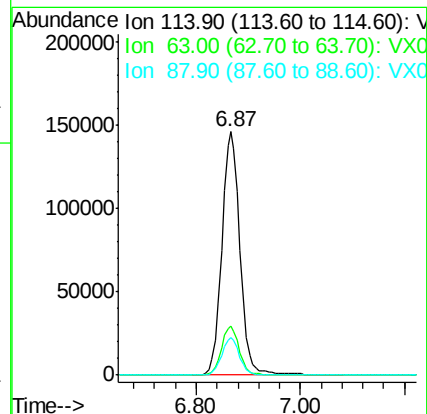
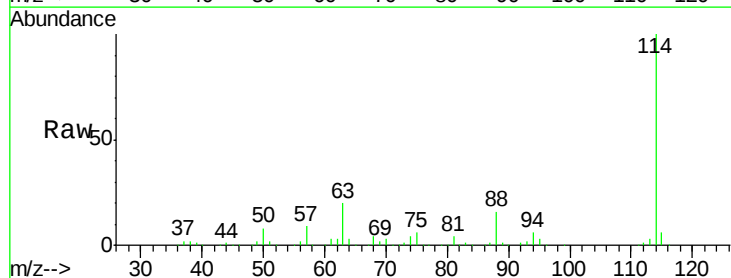
Tgt Ion: 114 Resp: 358567

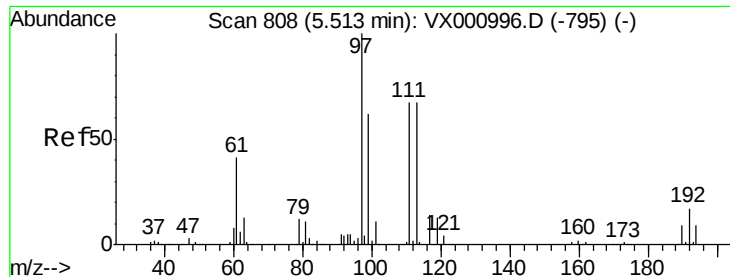
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.4

88 15.6 0.0 29.8





#35

Dibromofluoromethane

Concen: 1.21 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

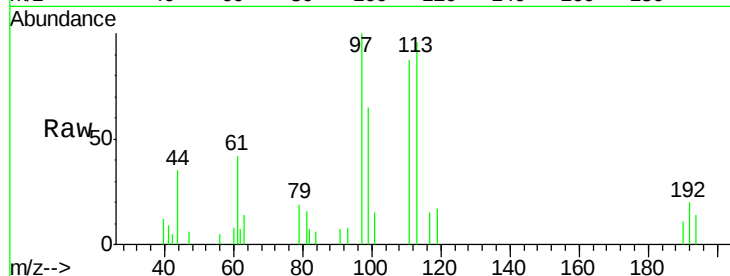
Tgt Ion:113 Resp: 3038

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.2

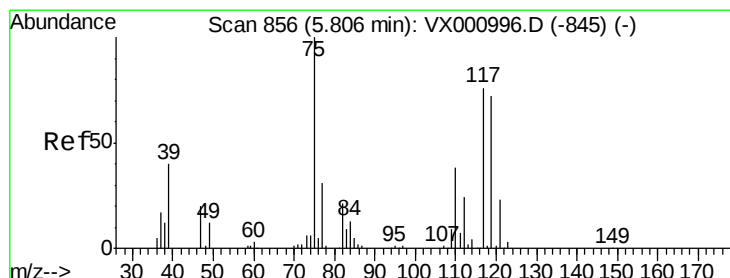
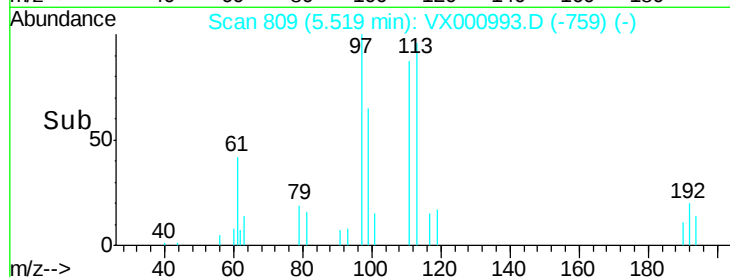
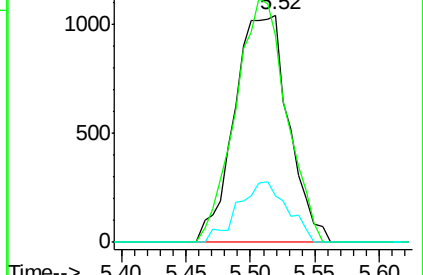
192 24.2 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.47 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

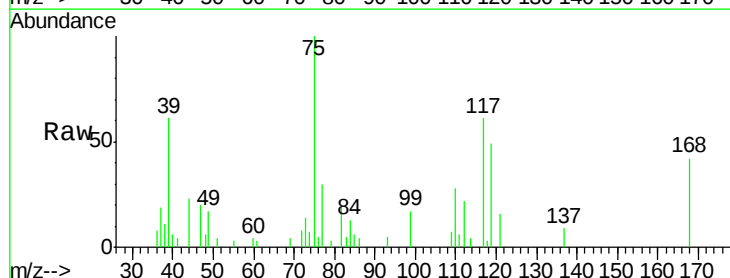
Tgt Ion: 75 Resp: 5028

Ion Ratio Lower Upper

75 100

110 33.1 18.7 56.1

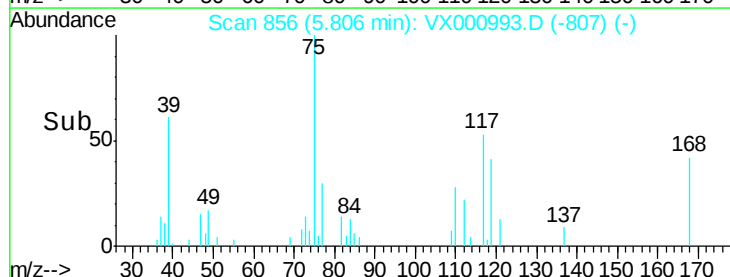
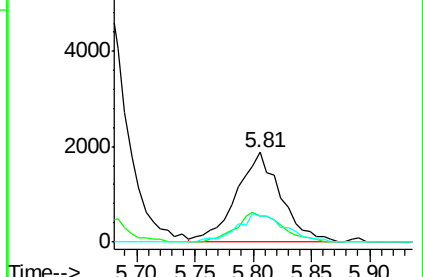
77 33.5 25.0 37.4

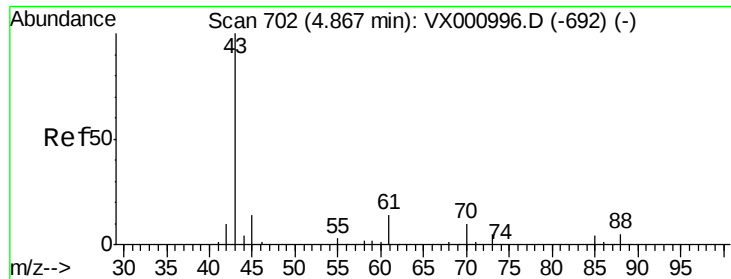


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.27 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

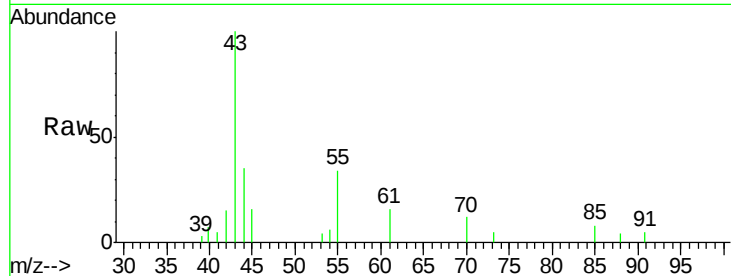
Tgt Ion: 43 Resp: 4054

Ion Ratio Lower Upper

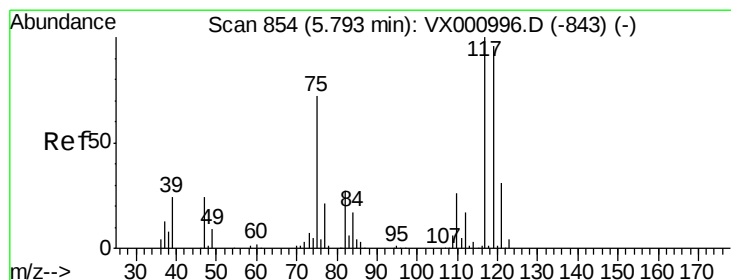
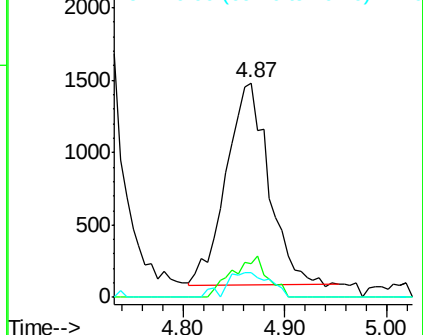
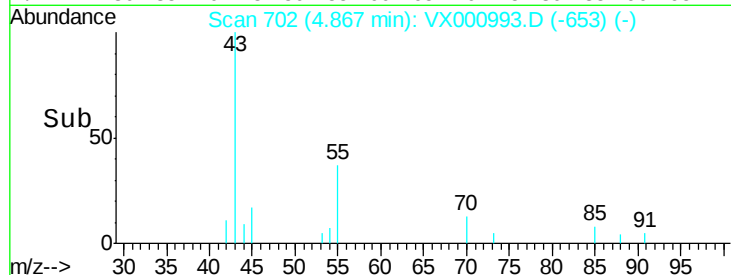
43 100

61 17.0 10.7 16.1#

70 12.6 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VX000993.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 1.32 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

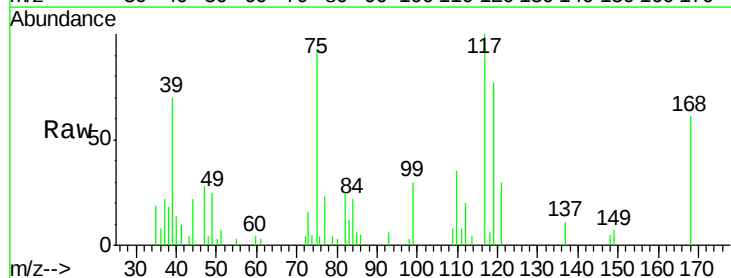
Tgt Ion: 117 Resp: 4680

Ion Ratio Lower Upper

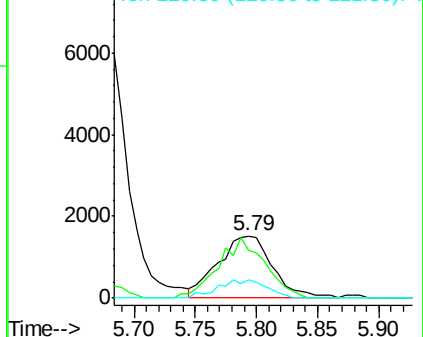
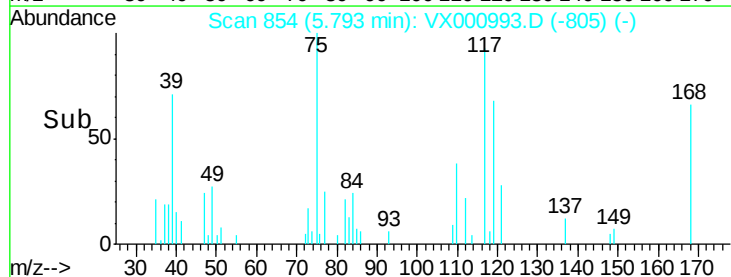
117 100

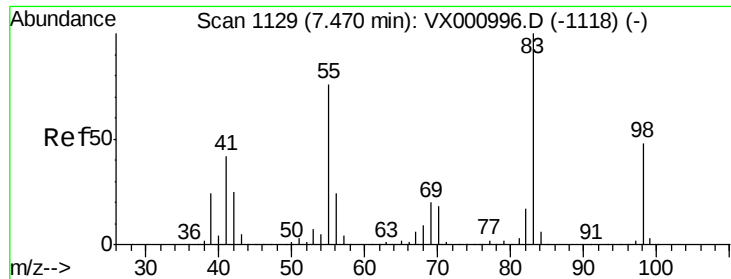
119 76.9 76.5 114.7

121 30.3 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): VX000993.D (-805) (-)

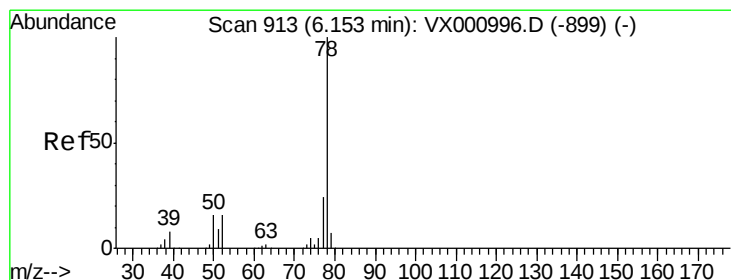
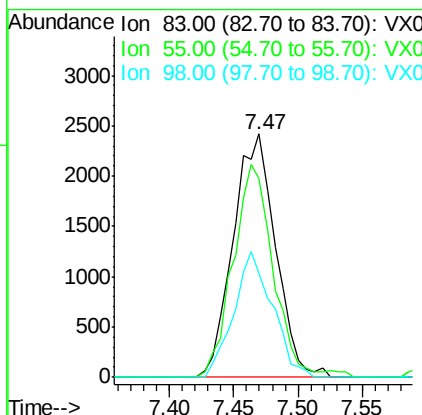
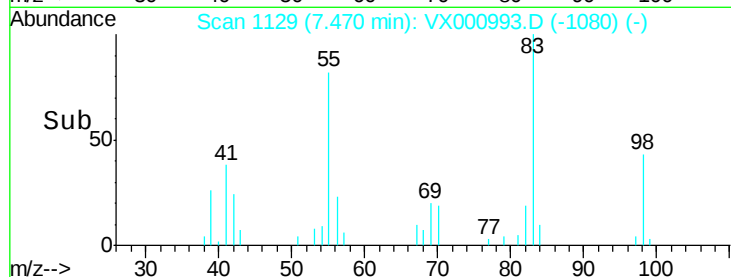
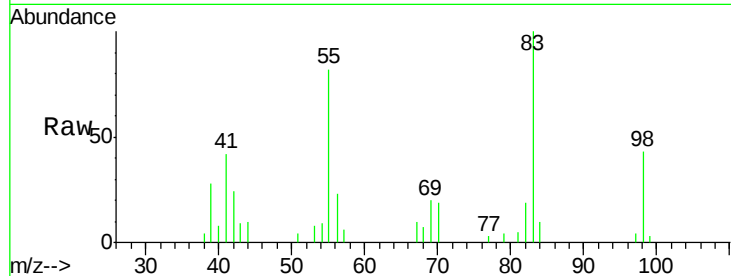




#39
Methylcyclohexane
Concen: 1.35 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

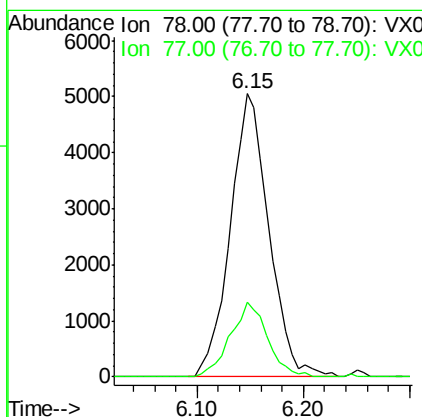
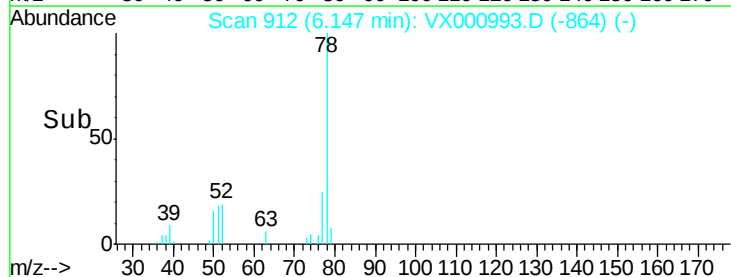
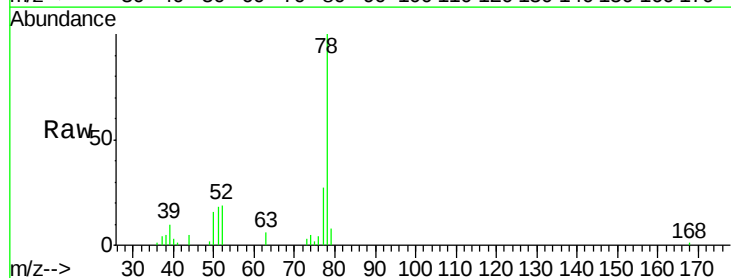
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

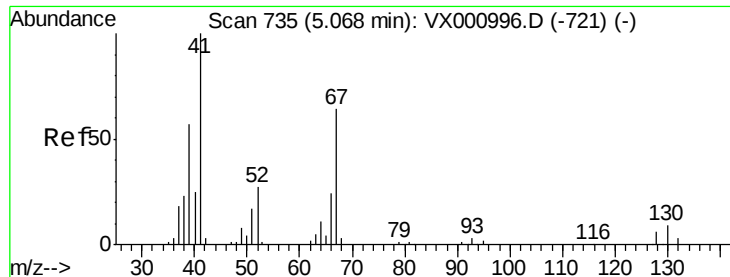
Tgt Ion: 83 Resp: 5522
Ion Ratio Lower Upper
83 100
55 81.8 60.6 91.0
98 42.8 38.2 57.4



#40
Benzene
Concen: 1.35 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion: 78 Resp: 12826
Ion Ratio Lower Upper
78 100
77 26.5 18.9 28.3





#41

Methacrylonitrile

Concen: 1.53 ug/l

RT: 5.06 min Scan# 733

Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 3047

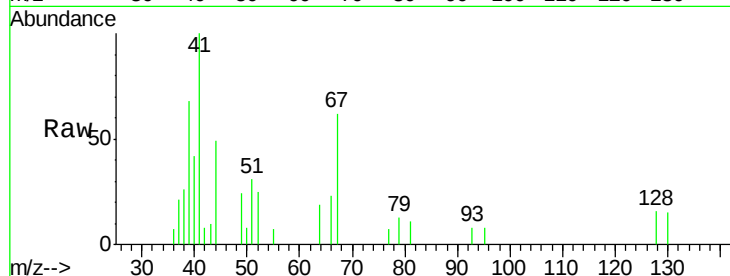
Ion Ratio Lower Upper

41 100

39 69.6 45.2 67.8#

67 57.5 53.8 80.8

52 25.1 22.4 33.6

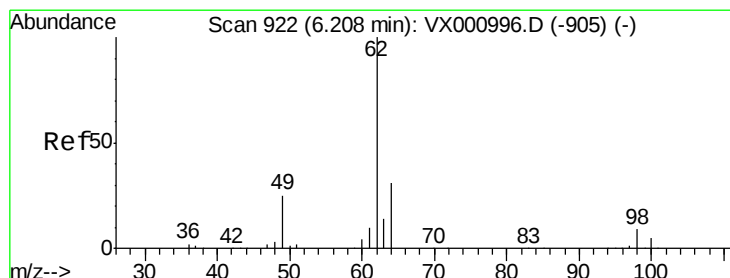
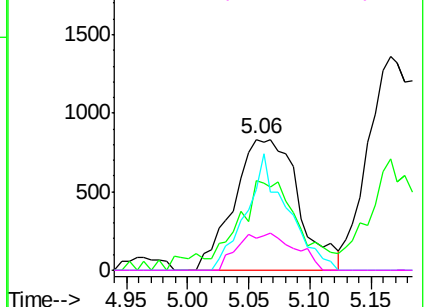
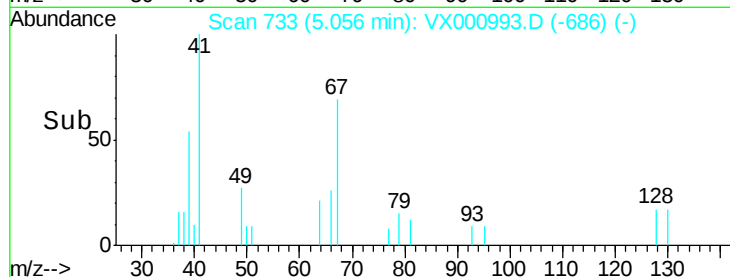


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 1.40 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.00 min

Lab File: VX000993.D

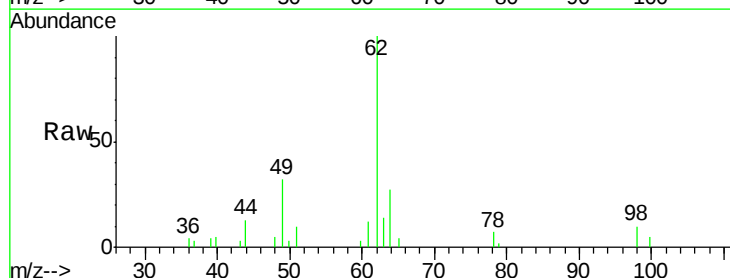
Acq: 19 Apr 2018 17:13

Tgt Ion: 62 Resp: 5179

Ion Ratio Lower Upper

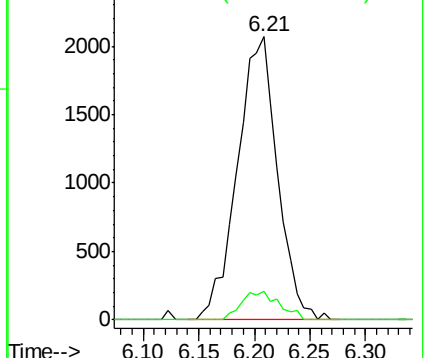
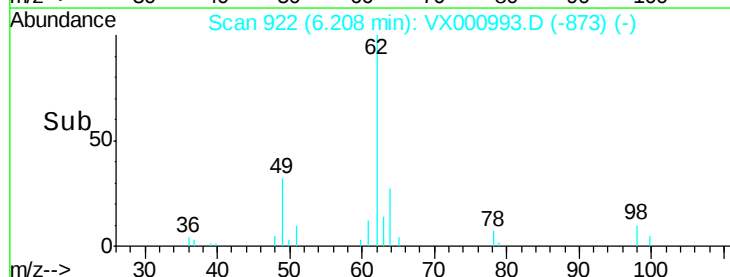
62 100

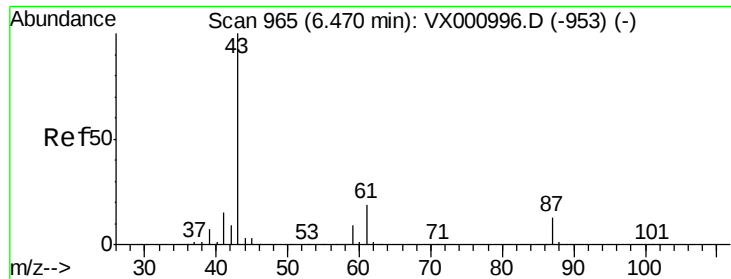
98 9.7 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 1.34 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

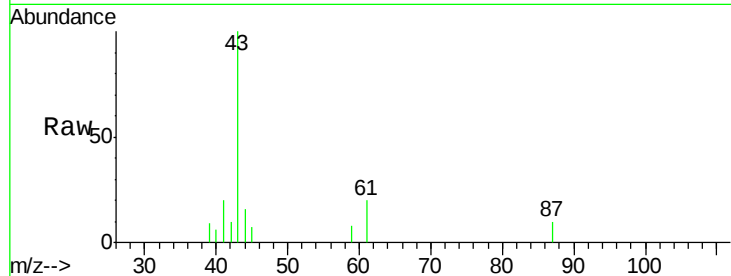
Tgt Ion: 43 Resp: 7224

Ion Ratio Lower Upper

43 100

61 19.6 15.4 23.2

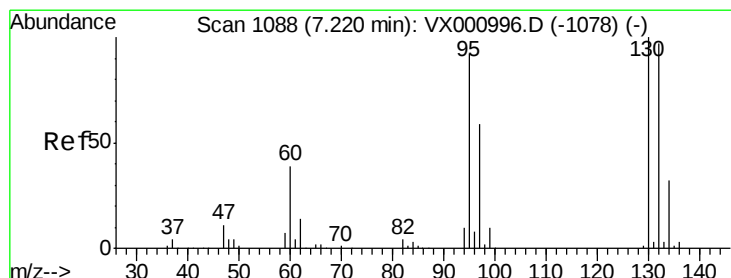
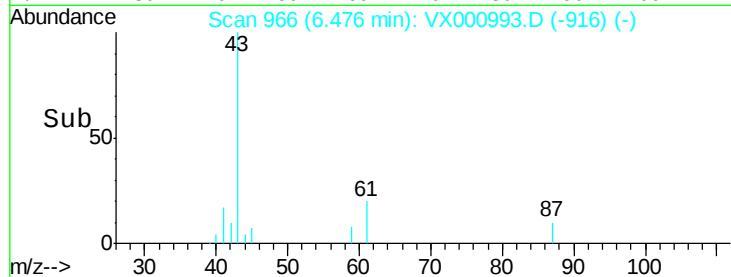
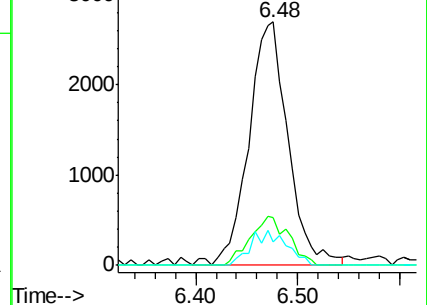
87 12.8 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX000993.D (-916) (-)

Ion 61.00 (60.70 to 61.70): VX000993.D (-916) (-)

Ion 87.00 (86.70 to 87.70): VX000993.D (-916) (-)



#44

Trichloroethene

Concen: 1.34 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX000993.D

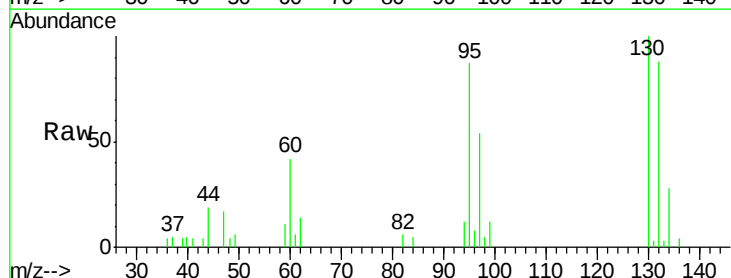
Acq: 19 Apr 2018 17:13

Tgt Ion: 130 Resp: 4023

Ion Ratio Lower Upper

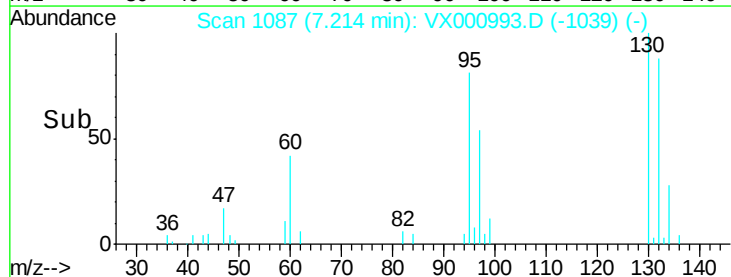
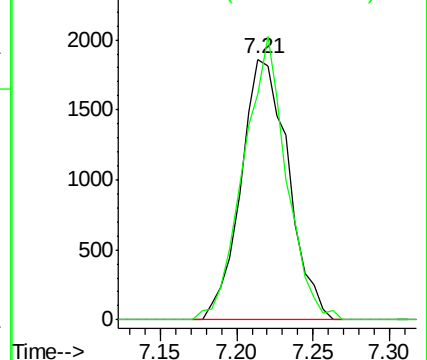
130 100

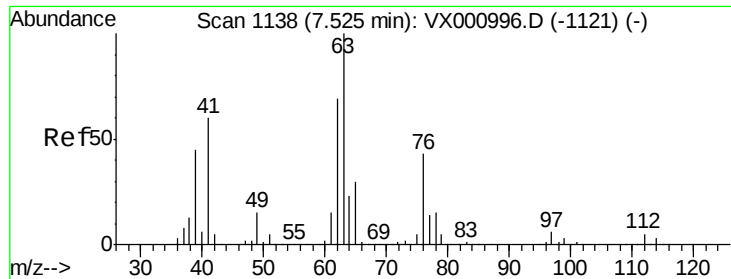
95 86.7 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VX000993.D (-1039) (-)

Ion 94.90 (94.60 to 95.60): VX000993.D (-1039) (-)

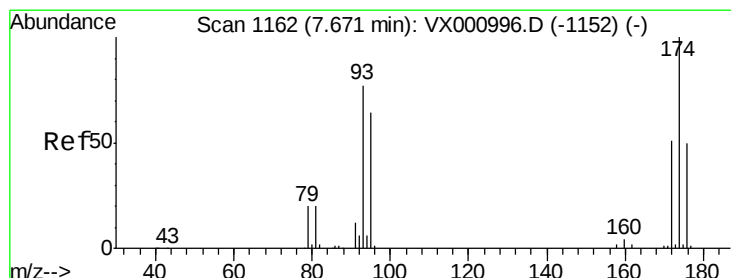
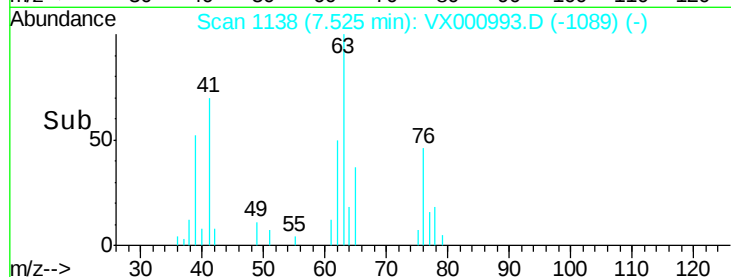
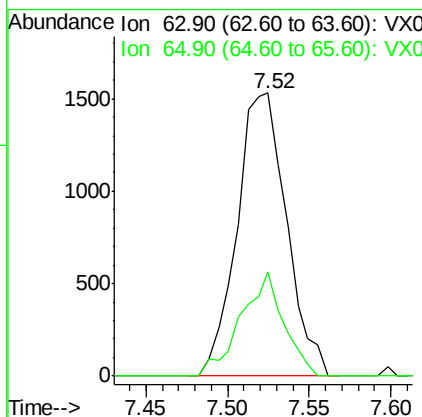
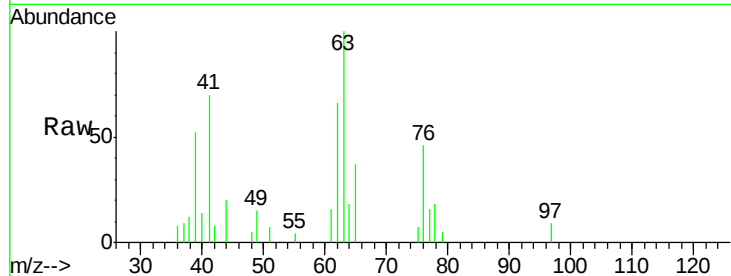




#45
 1,2-Dichloropropane
 Concen: 1.31 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

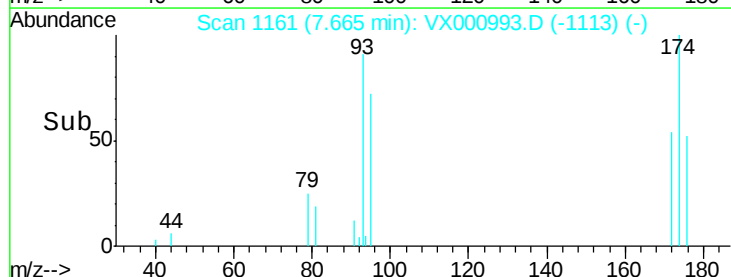
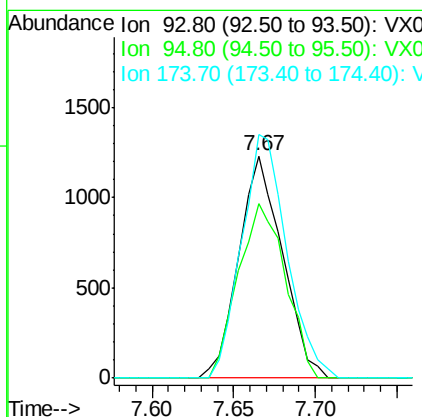
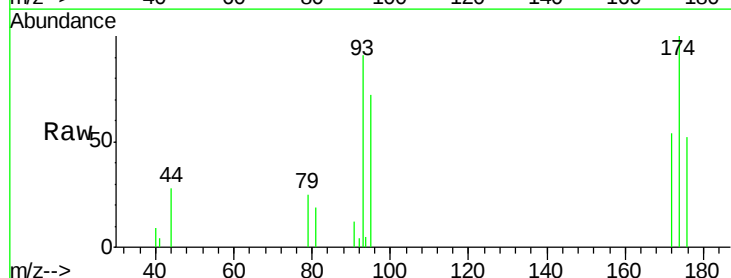
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

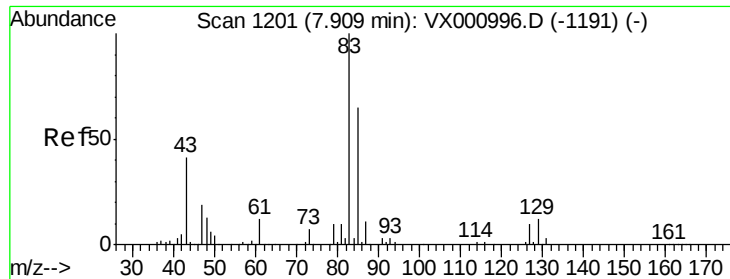
Tgt Ion: 63 Resp: 3235
 Ion Ratio Lower Upper
 63 100
 65 37.0 24.4 36.6#



#46
 Dibromomethane
 Concen: 1.35 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion: 93 Resp: 2300
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.7 100.1
 174 113.6 101.8 152.6





#47

Bromodichloromethane

Concen: 1.18 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

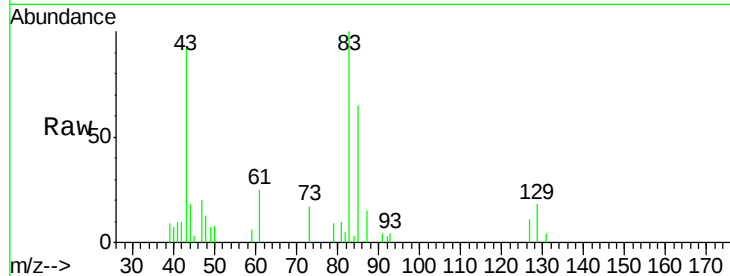
Tgt Ion: 83 Resp: 3735

Ion Ratio Lower Upper

83 100

85 64.7 52.3 78.5

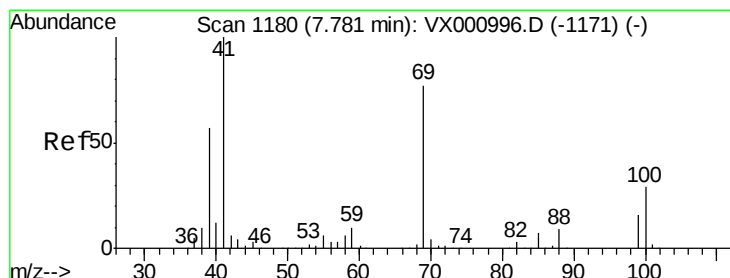
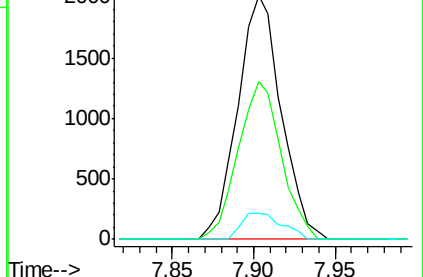
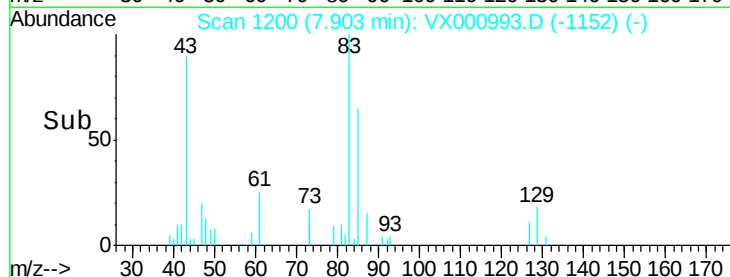
127 10.8 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.30 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

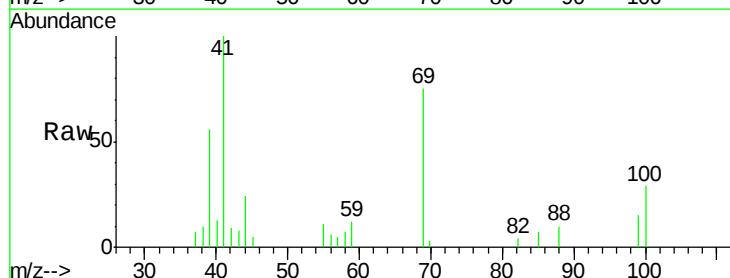
Tgt Ion: 41 Resp: 3921

Ion Ratio Lower Upper

41 100

69 71.2 62.6 94.0

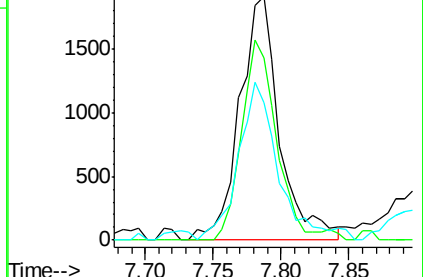
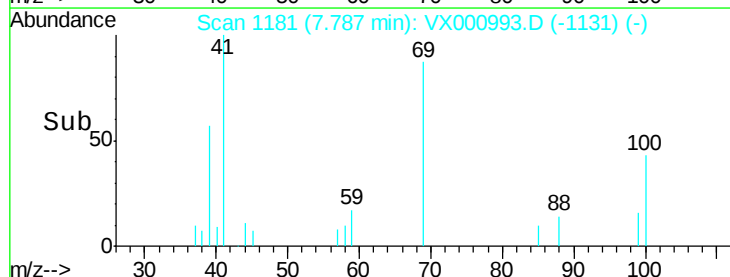
39 64.8 45.3 67.9

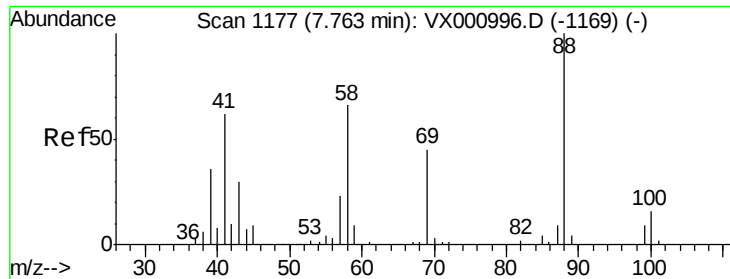


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

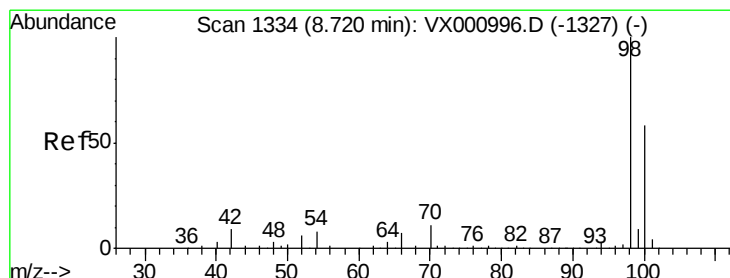
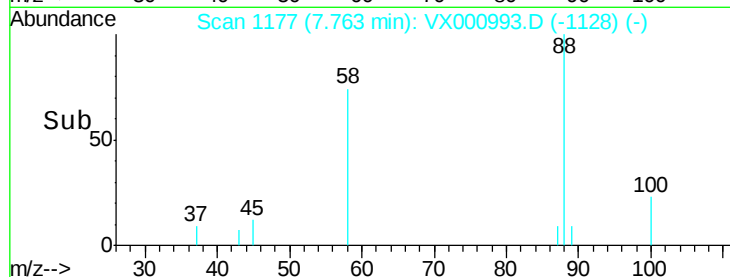
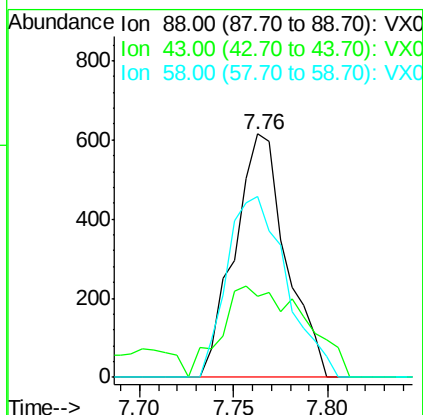
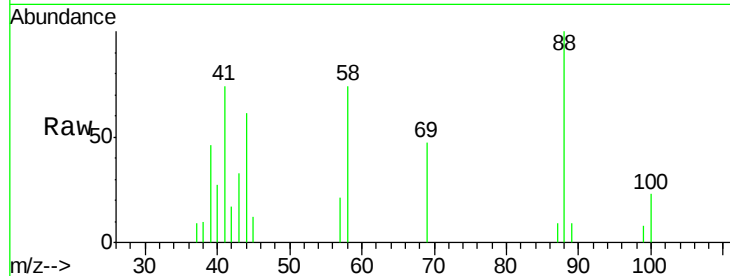




#49
1,4-Dioxane
Concen: 28.34 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

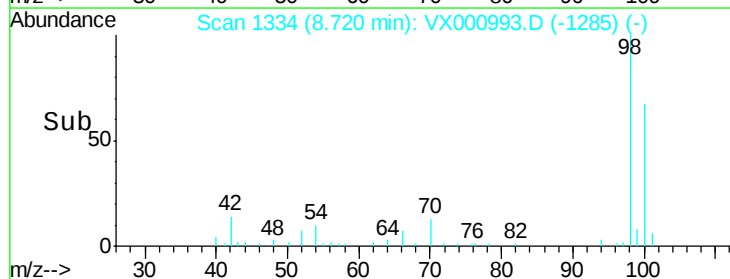
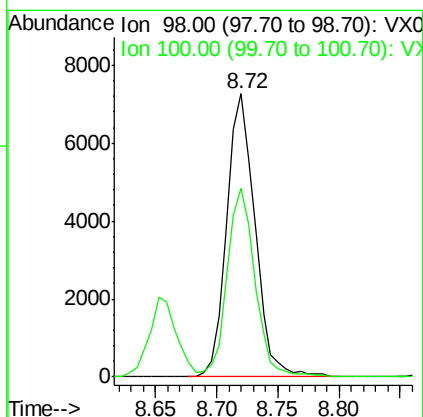
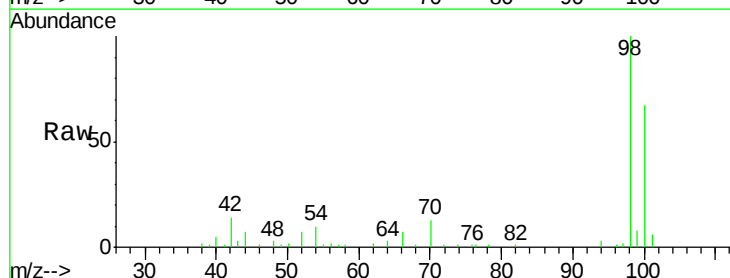
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

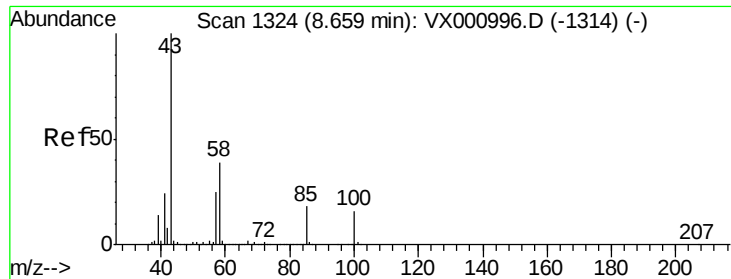
Tgt Ion: 88 Resp: 1167
Ion Ratio Lower Upper
88 100
43 60.3 29.2 43.8#
58 85.6 55.0 82.6#



#50
Toluene-d8
Concen: 1.28 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion: 98 Resp: 11595
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9

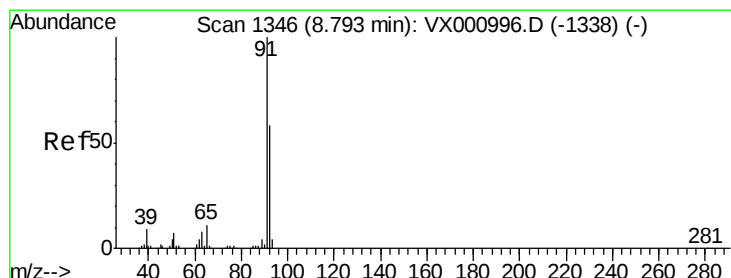
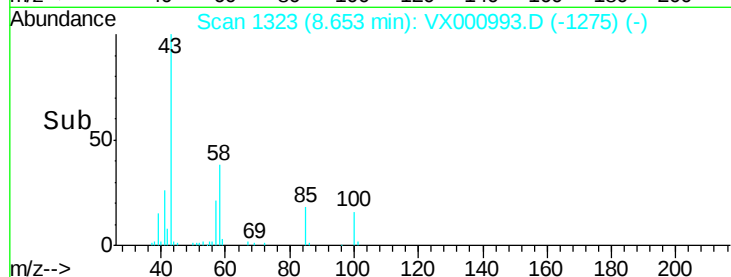
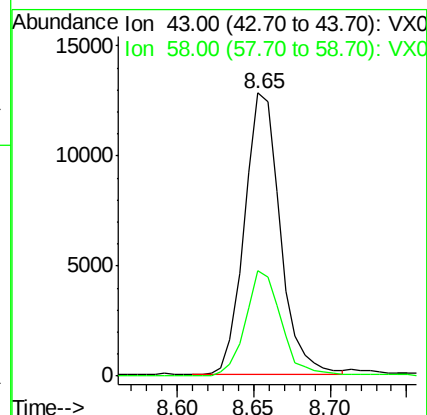
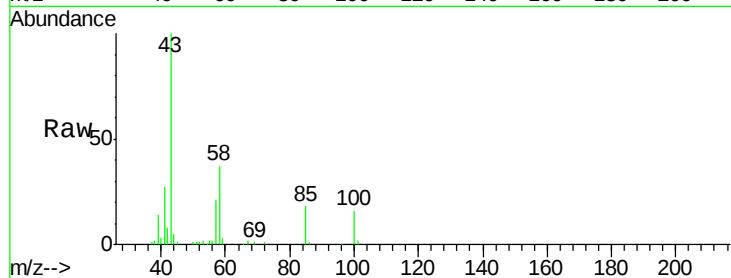




#51
 4-Methyl-2-Pentanone
 Concen: 6.42 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

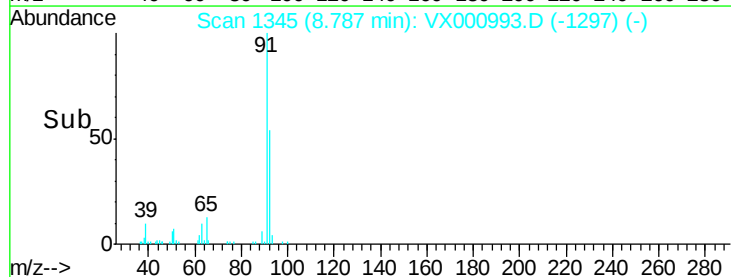
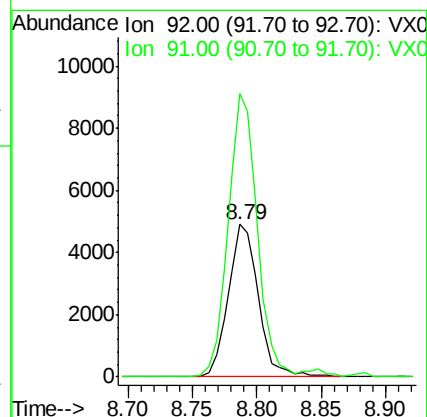
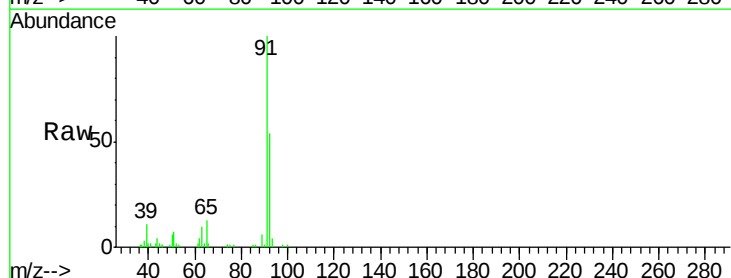
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

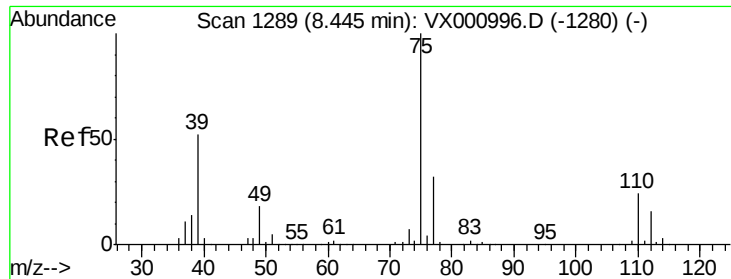
Tgt Ion: 43 Resp: 20956
 Ion Ratio Lower Upper
 43 100
 58 37.3 30.2 45.4



#52
 Toluene
 Concen: 1.29 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion: 92 Resp: 8074
 Ion Ratio Lower Upper
 92 100
 91 178.5 138.2 207.4

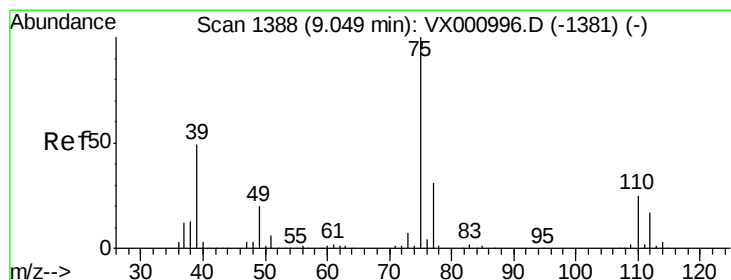
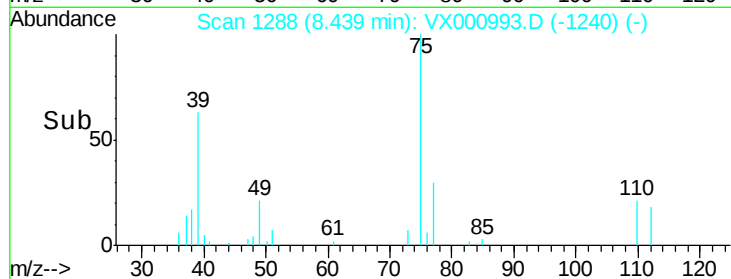
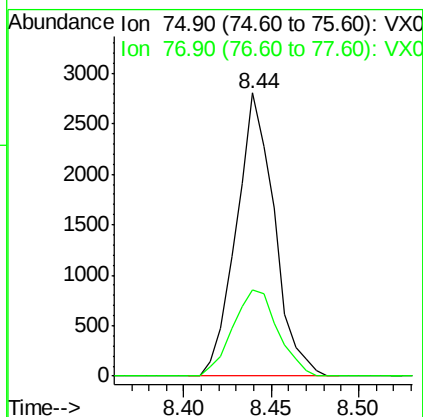
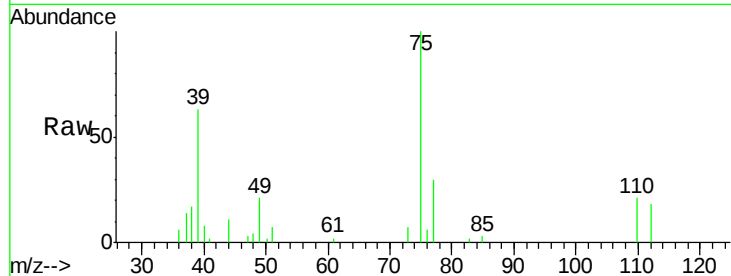




#53
 t-1,3-Dichloropropene
 Concen: 1.11 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

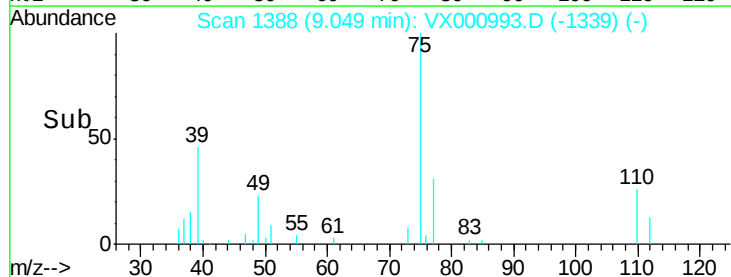
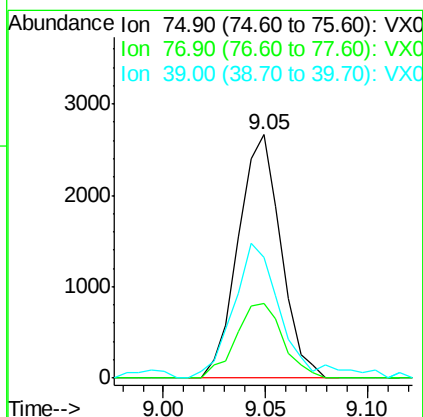
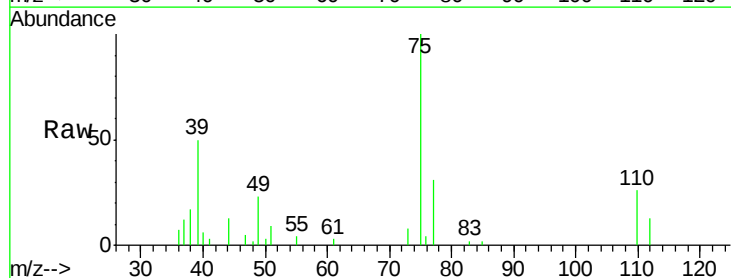
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

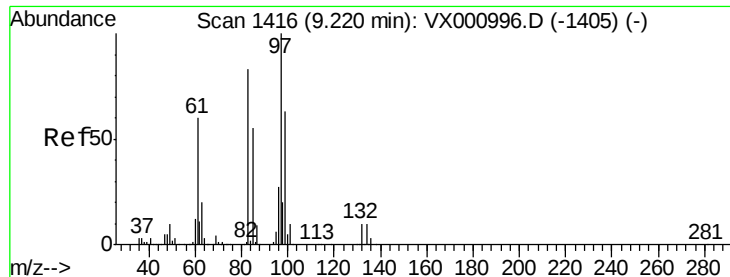
Tgt Ion: 75 Resp: 4234
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 1.07 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion: 75 Resp: 3865
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.6
 39 49.8 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 1.40 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 3404

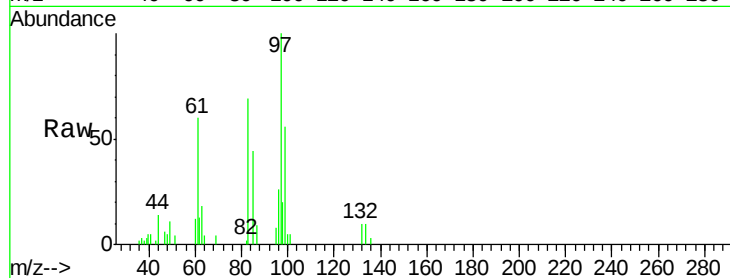
Ion Ratio Lower Upper

97 100

83 69.2 66.2 99.4

85 43.7 44.2 66.4#

99 55.7 50.2 75.4

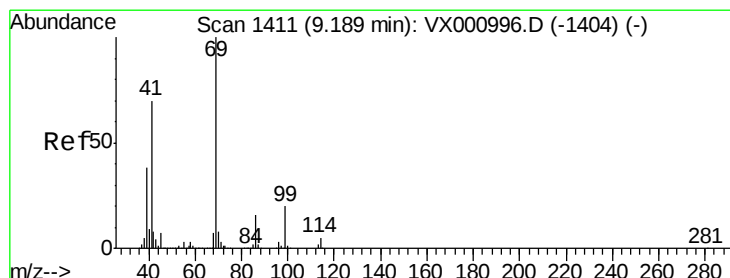
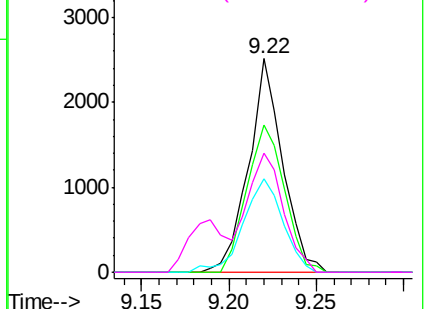
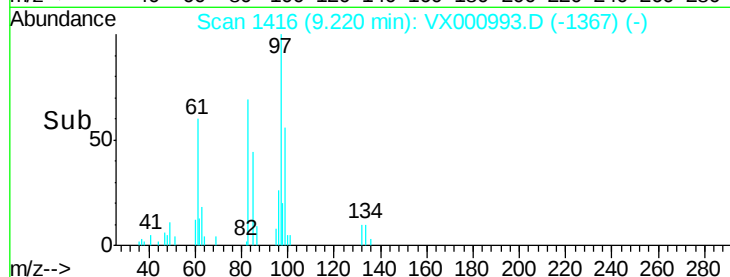


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 1.21 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

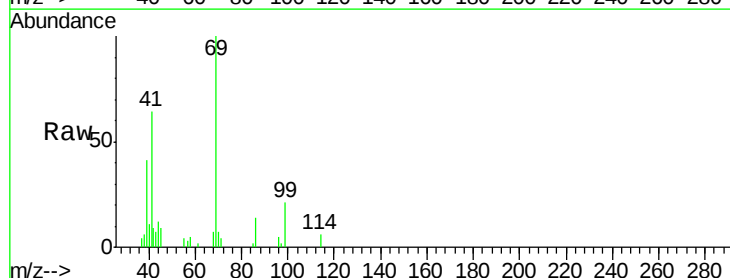
Tgt Ion: 69 Resp: 4450

Ion Ratio Lower Upper

69 100

41 76.1 56.3 84.5

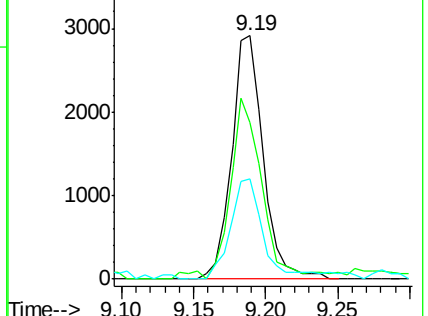
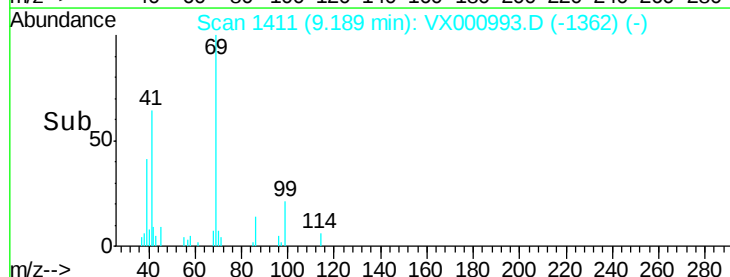
39 42.9 30.4 45.6

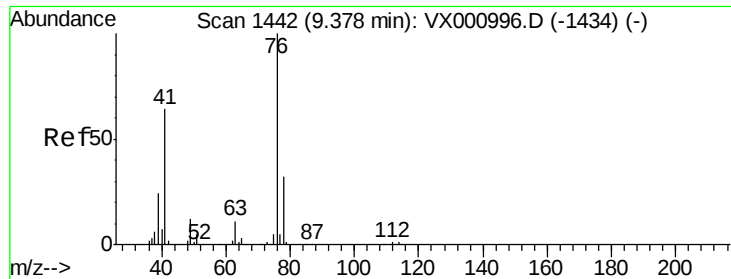


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

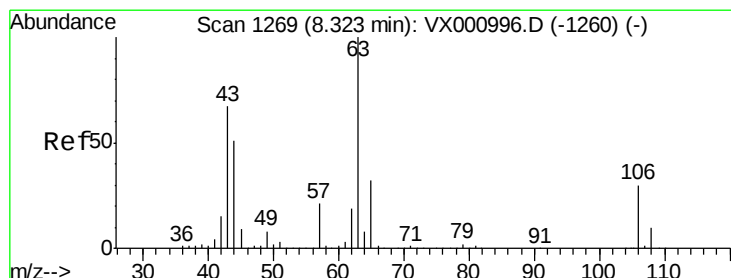
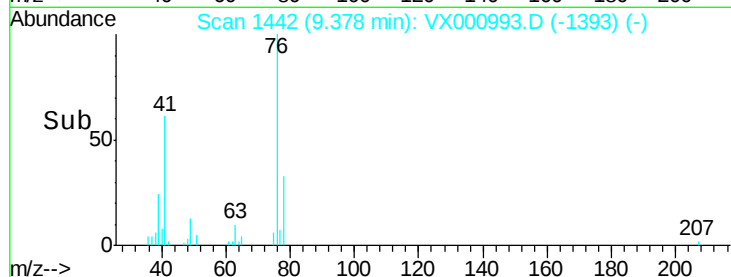
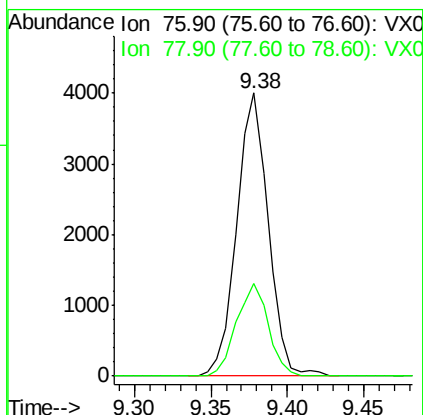
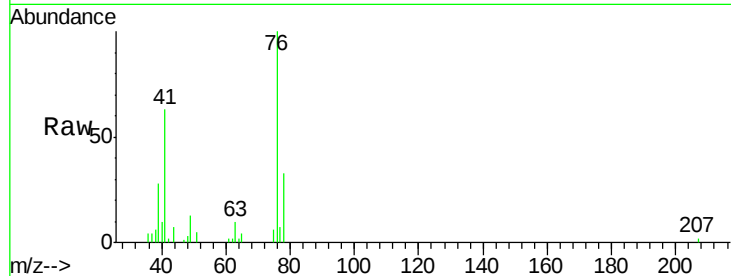




#57
 1,3-Dichloropropane
 Concen: 1.42 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

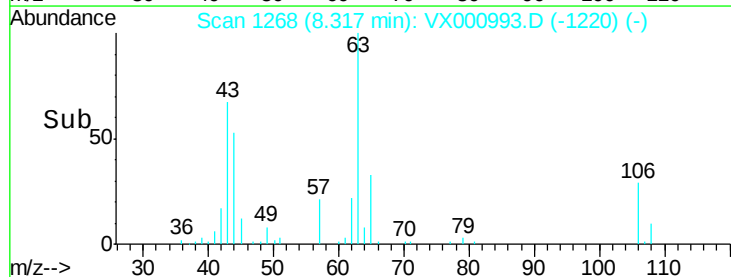
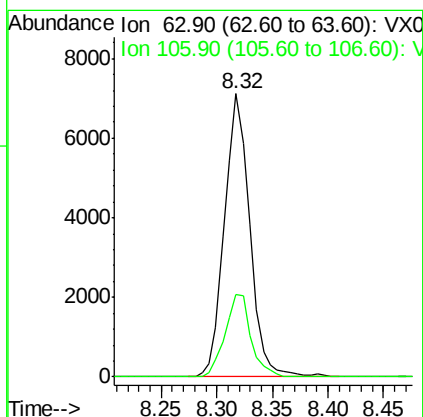
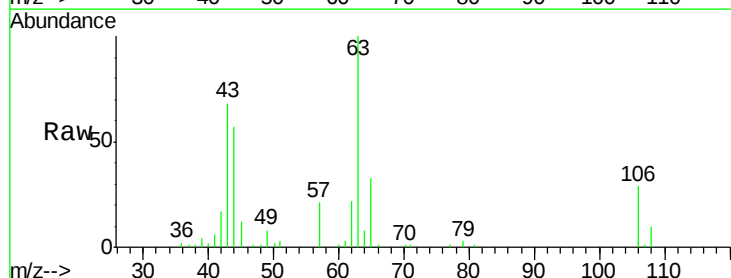
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

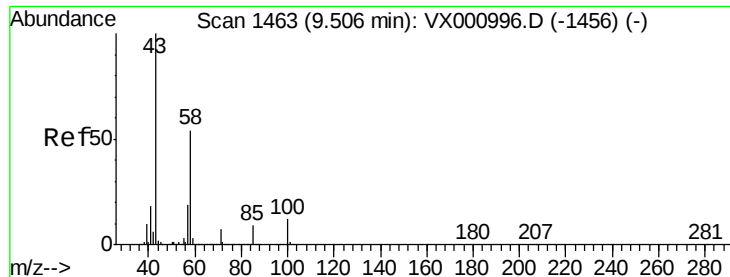
Tgt Ion: 76 Resp: 5714
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 6.71 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion: 63 Resp: 11283
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.8 35.6

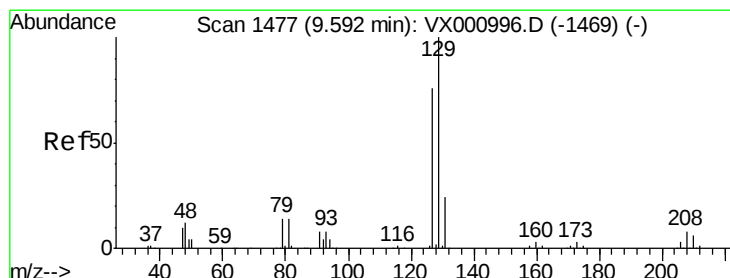
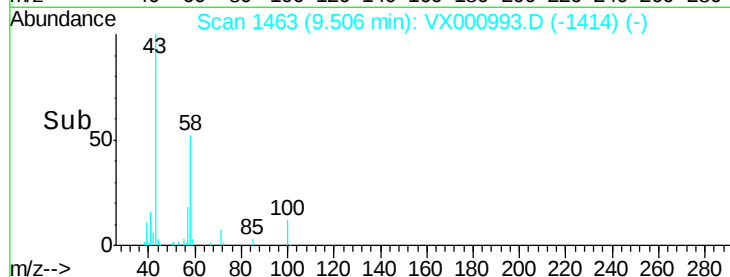
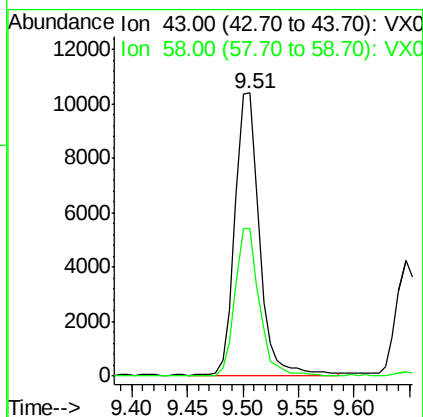
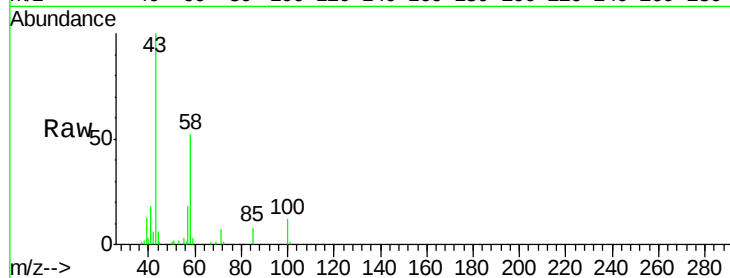




#59
2-Hexanone
Concen: 6.43 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

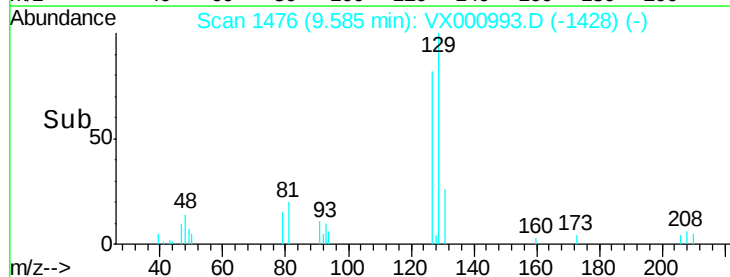
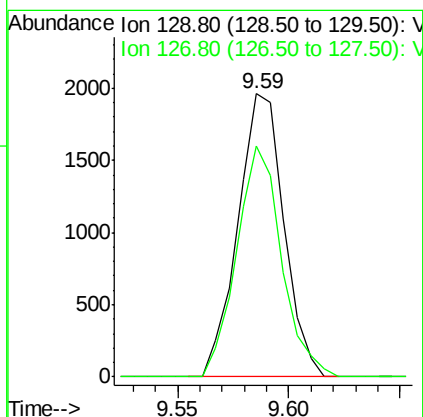
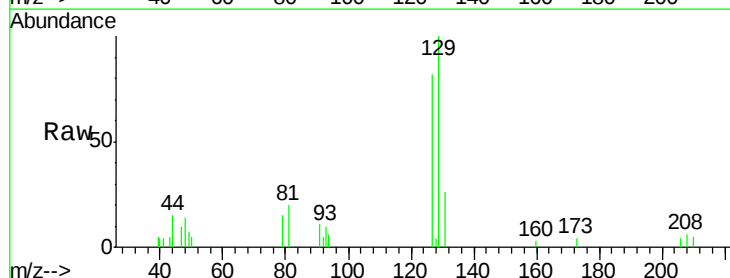
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

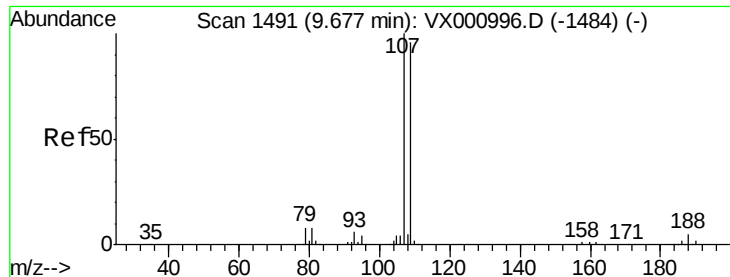
Tgt Ion: 43 Resp: 16109
Ion Ratio Lower Upper
43 100
58 51.0 26.3 78.9



#60
Dibromochloromethane
Concen: 1.05 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion: 129 Resp: 2823
Ion Ratio Lower Upper
129 100
127 79.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 1.29 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

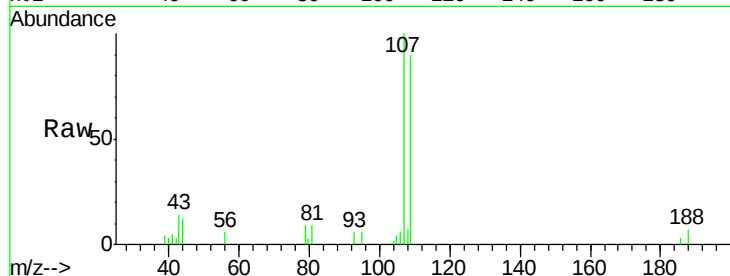
VSTDIC001

Tgt Ion: 107 Resp: 3383

Ion Ratio Lower Upper

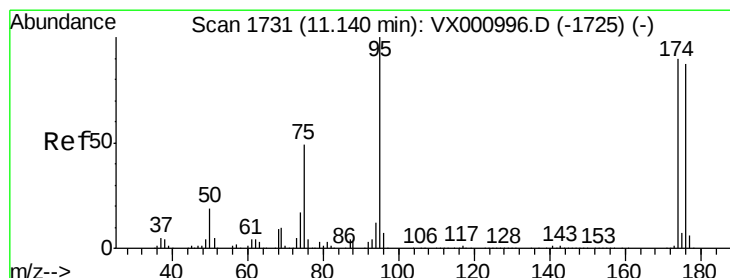
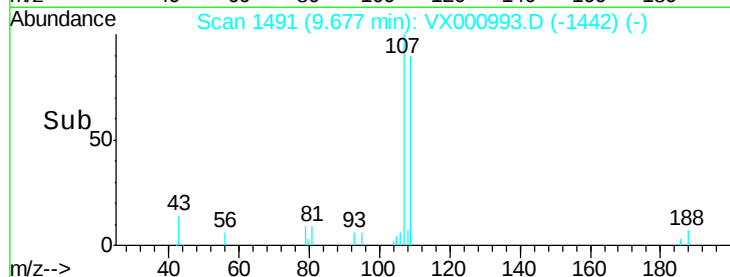
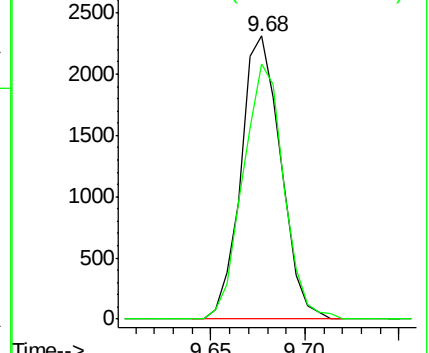
107 100

109 92.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.35 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

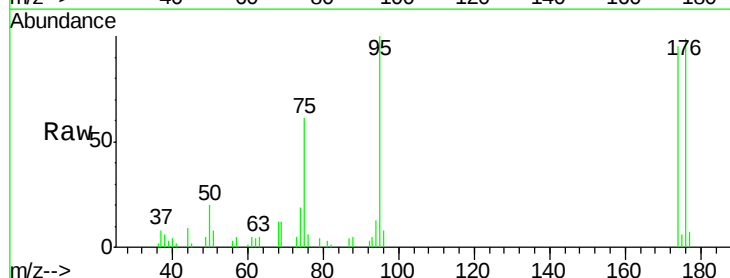
Tgt Ion: 95 Resp: 5047

Ion Ratio Lower Upper

95 100

174 96.0 0.0 198.4

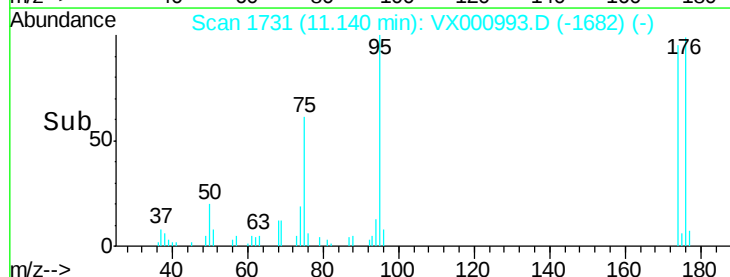
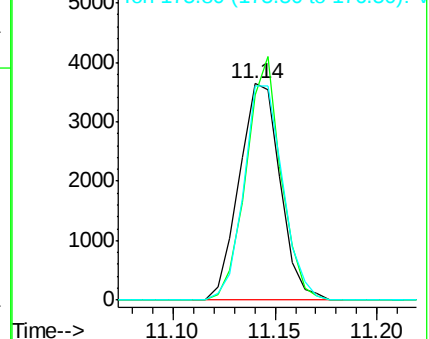
176 94.8 0.0 192.0

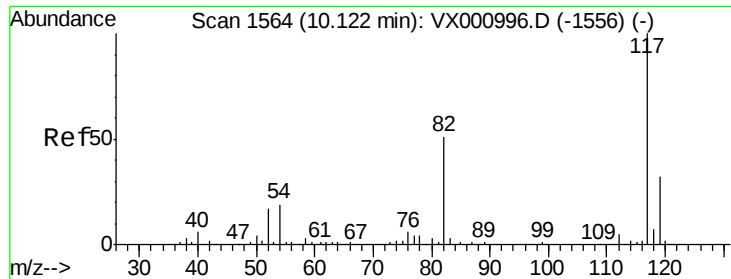


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

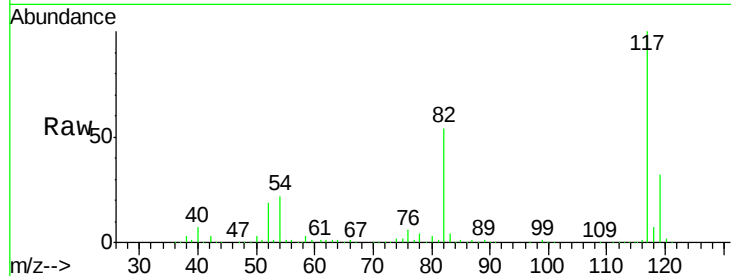




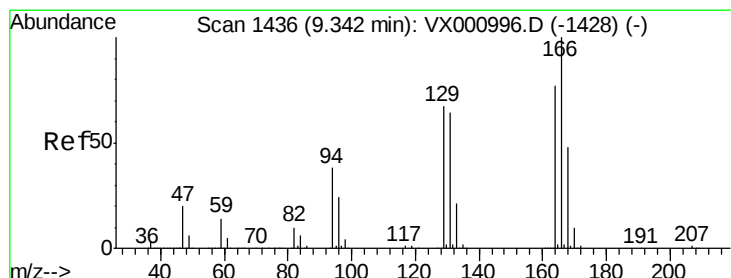
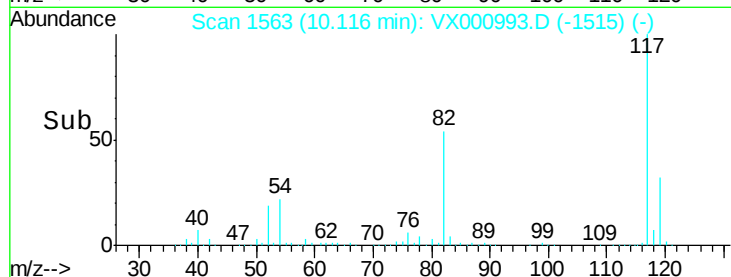
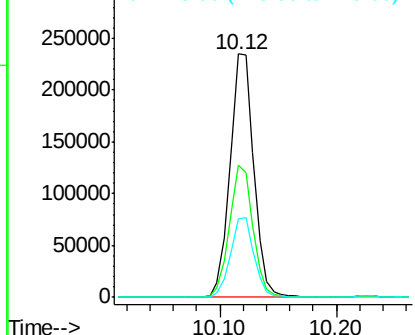
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 336623
Ion Ratio Lower Upper
117 100
82 54.1 40.6 60.8
119 32.3 26.0 39.0

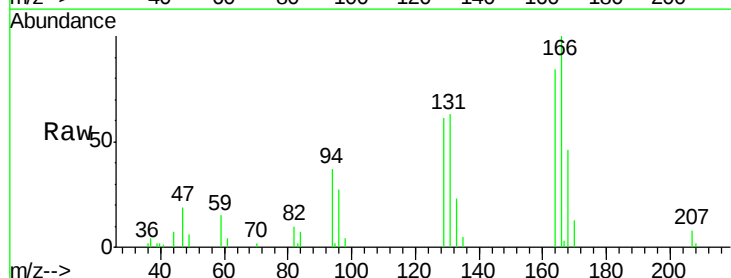


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

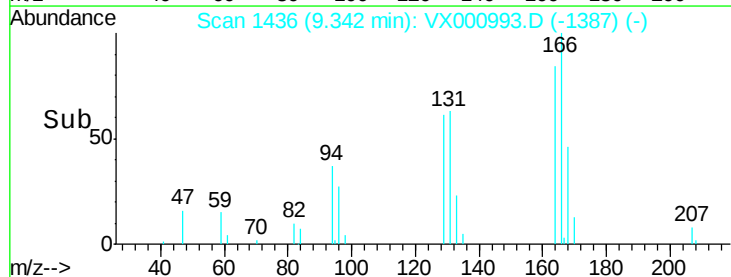
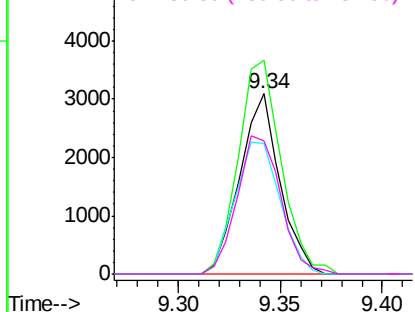


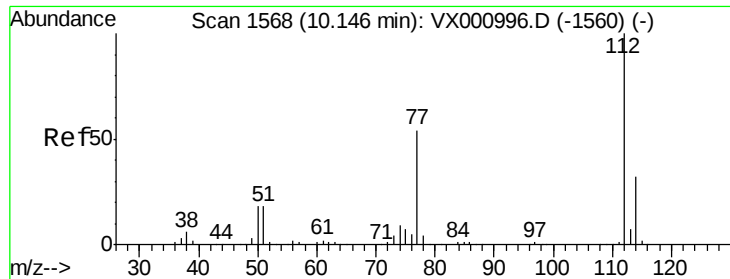
#64
Tetrachloroethene
Concen: 1.42 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion:164 Resp: 4223
Ion Ratio Lower Upper
164 100
166 118.7 103.5 155.3
129 72.3 69.6 104.4
131 74.2 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

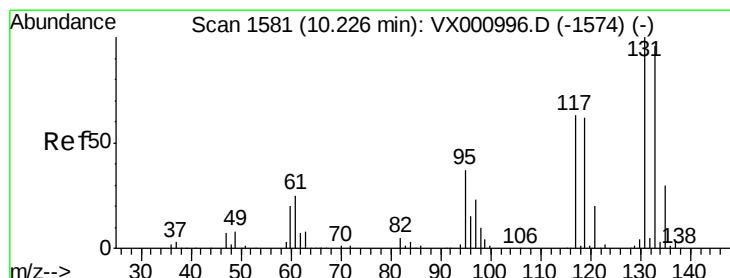
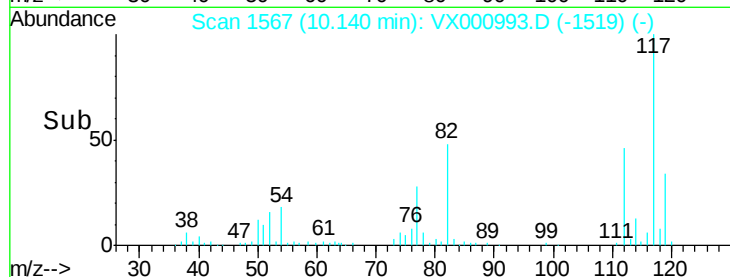
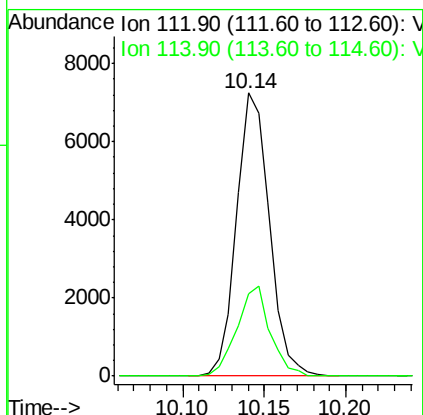
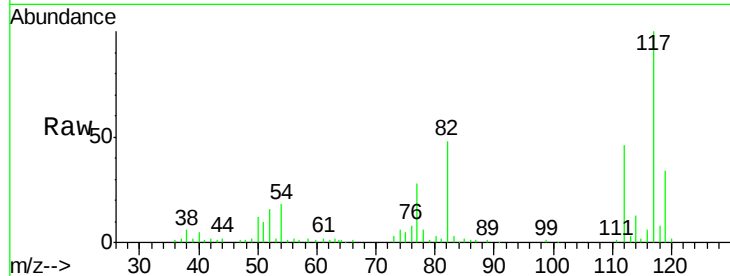




#65
Chlorobenzene
Concen: 1.38 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

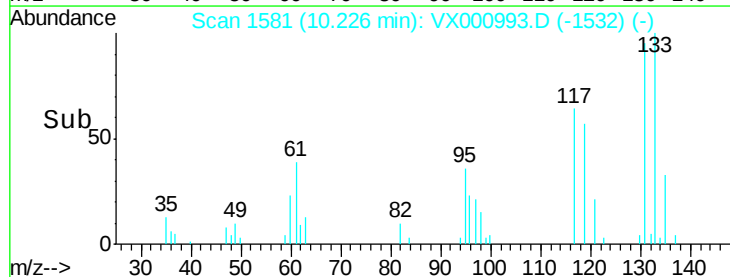
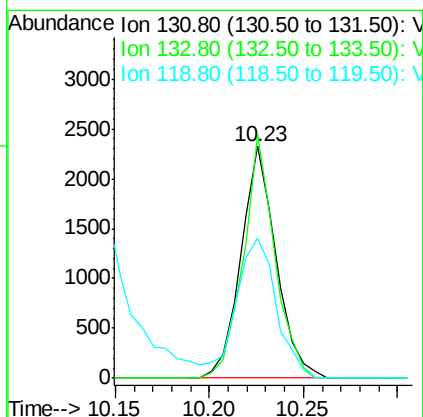
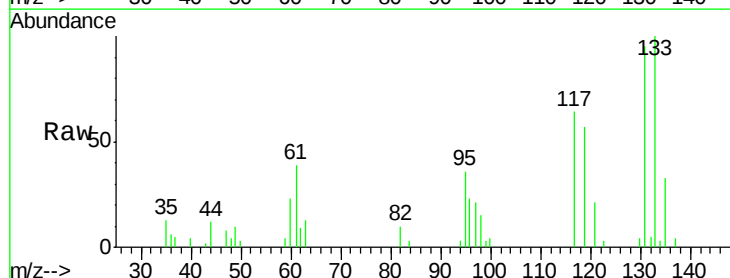
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

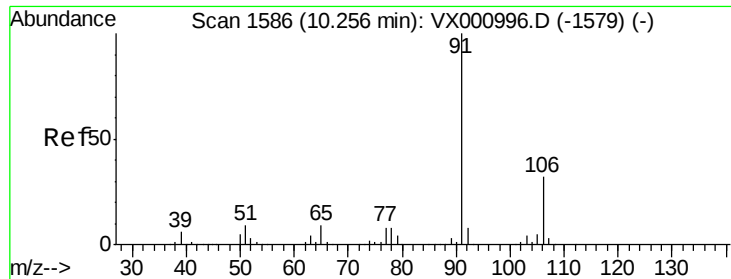
Tgt Ion:112 Resp: 10211
Ion Ratio Lower Upper
112 100
114 29.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 1.17 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion:131 Resp: 2997
Ion Ratio Lower Upper
131 100
133 93.9 47.6 142.8
119 0.0 31.1 93.2#

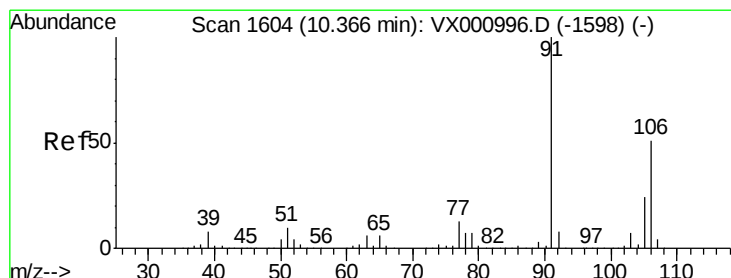
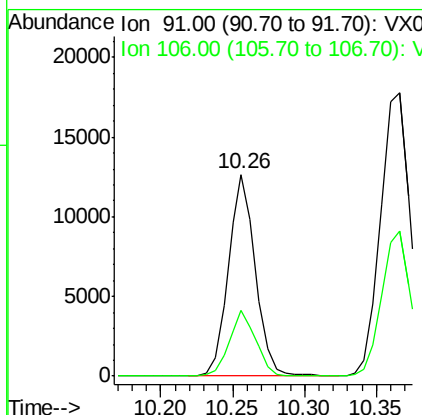
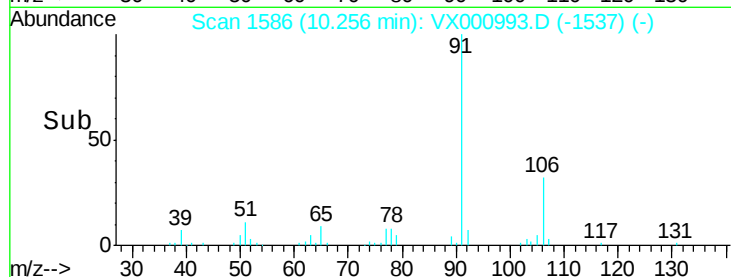
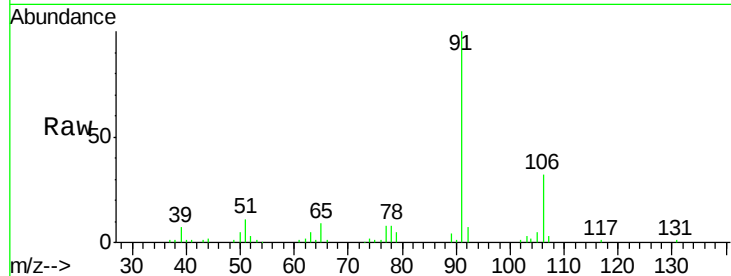




#67
Ethyl Benzene
Concen: 1.37 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

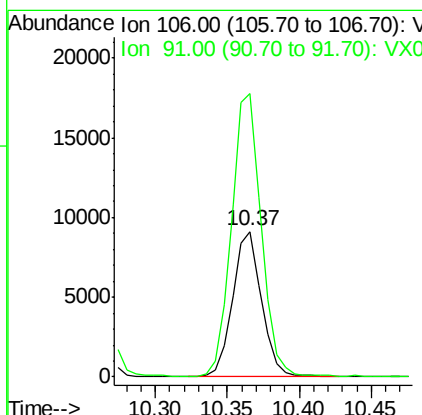
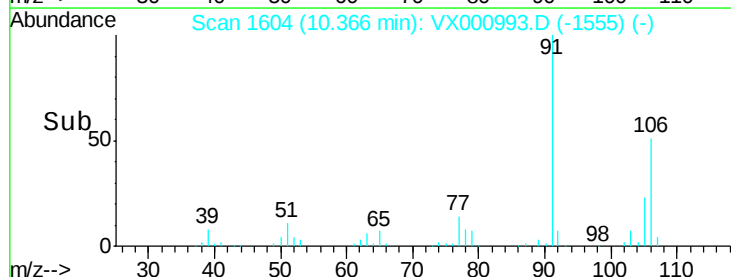
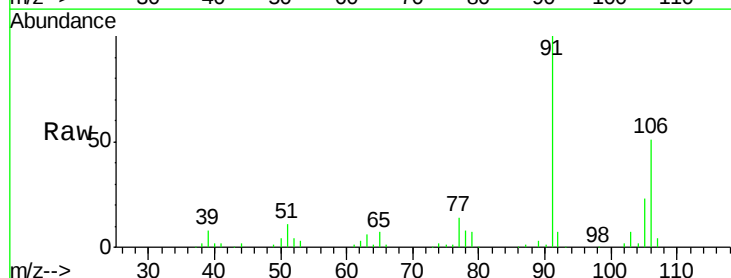
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 16614
Ion Ratio Lower Upper
91 100
106 32.5 25.7 38.5



#68
m/p-Xylenes
Concen: 2.67 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion: 106 Resp: 12800
Ion Ratio Lower Upper
106 100
91 200.5 159.3 238.9

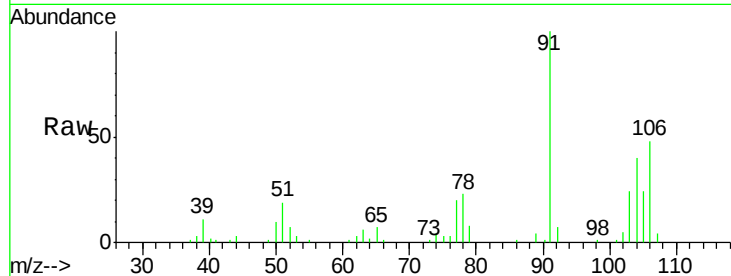




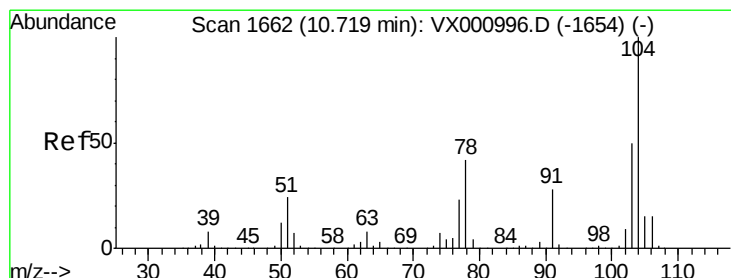
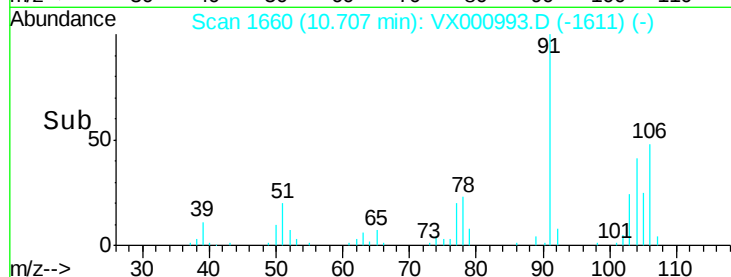
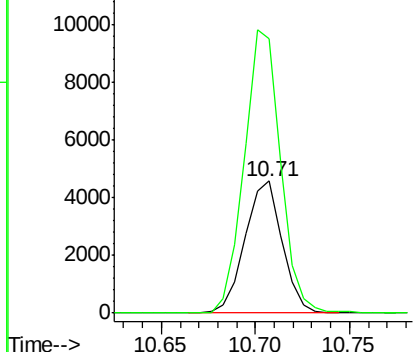
#69
o-Xylene
Concen: 1.34 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 6267
Ion Ratio Lower Upper
106 100
91 209.5 105.1 315.1

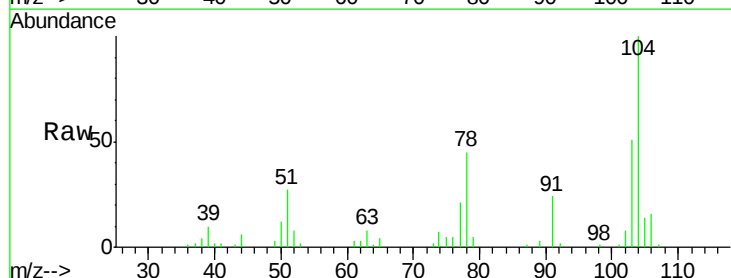


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

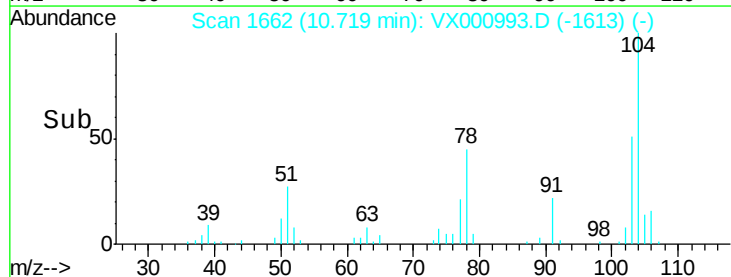
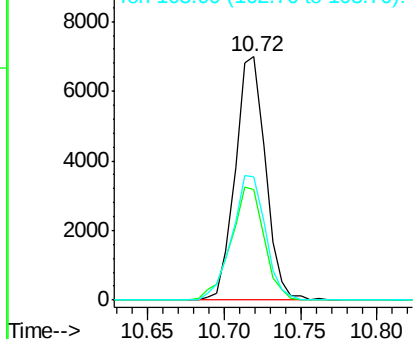


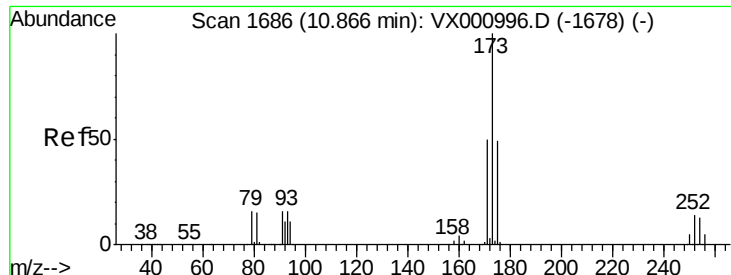
#70
Styrene
Concen: 1.24 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion:104 Resp: 9595
Ion Ratio Lower Upper
104 100
78 50.9 39.4 59.2
103 56.1 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: 0.99 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

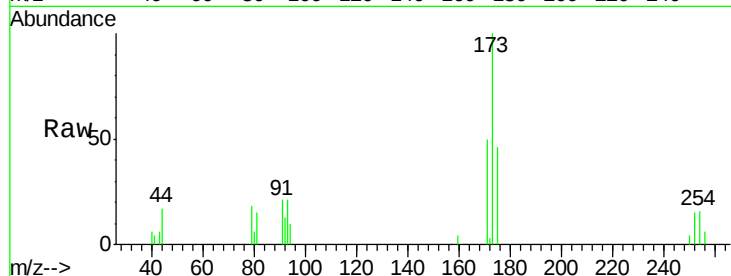
Tgt Ion:173 Resp: 2177

Ion Ratio Lower Upper

173 100

175 50.8 24.8 74.3

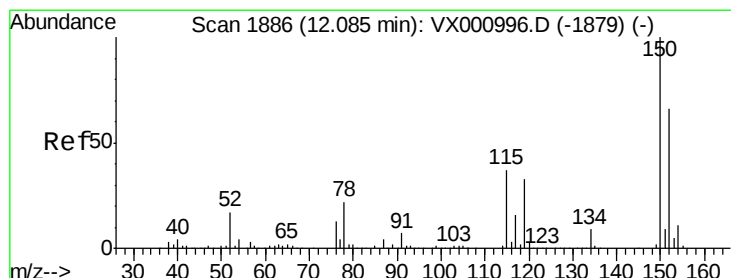
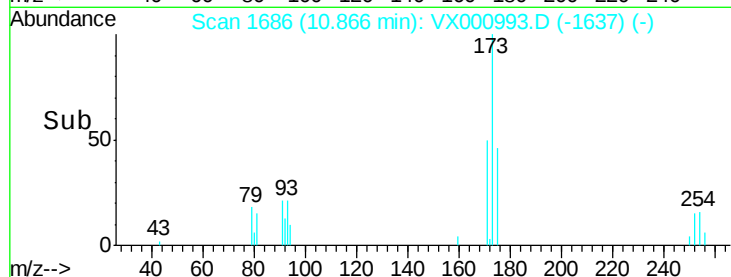
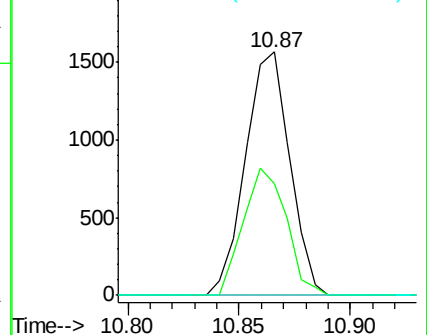
254 0.0 0.2 0.2#



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: VX000993.D

Acq: 19 Apr 2018 17:13

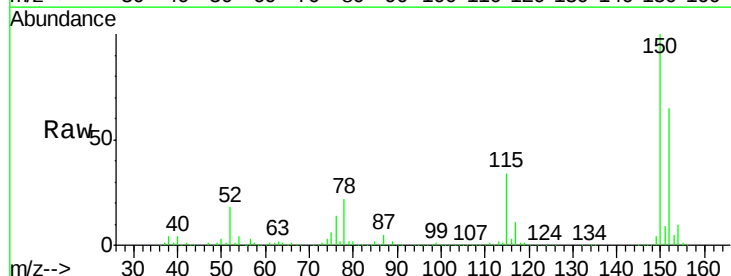
Tgt Ion:152 Resp: 232031

Ion Ratio Lower Upper

152 100

115 53.7 38.2 114.6

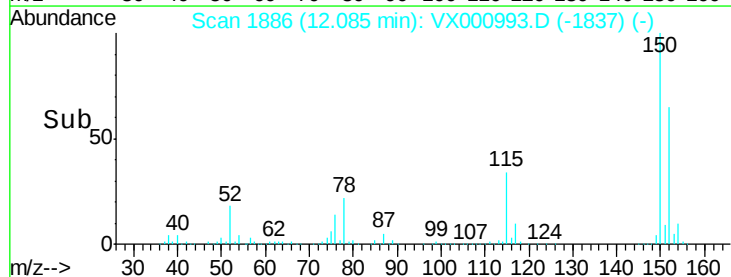
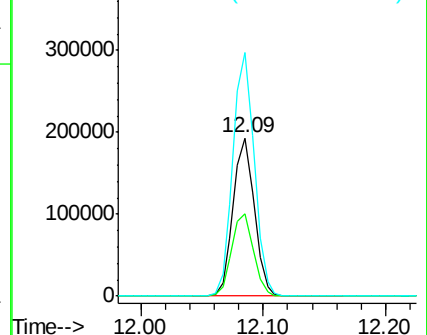
150 154.9 0.0 350.4

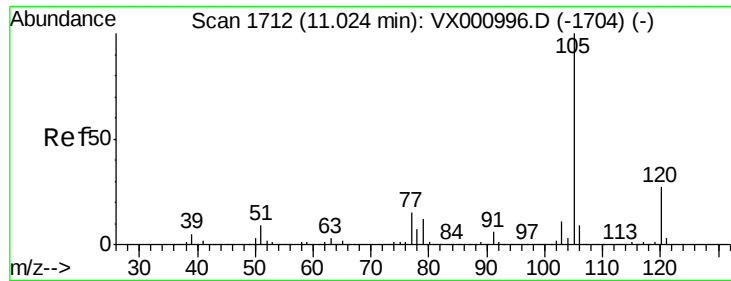


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.31 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

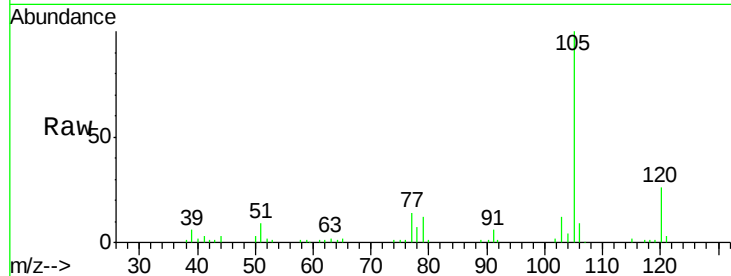
VSTDIC001

Tgt Ion:105 Resp: 16656

Ion Ratio Lower Upper

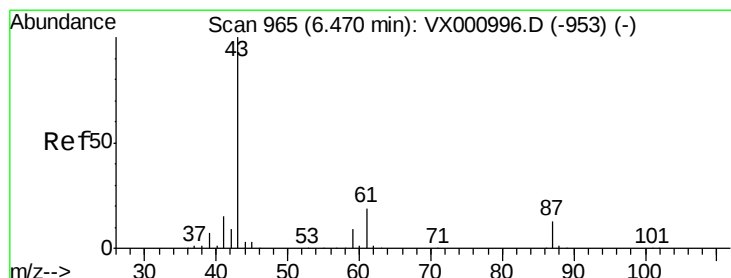
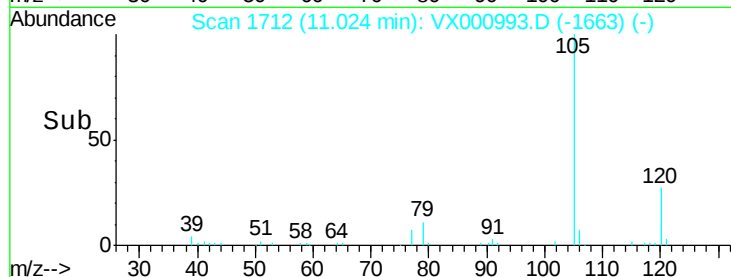
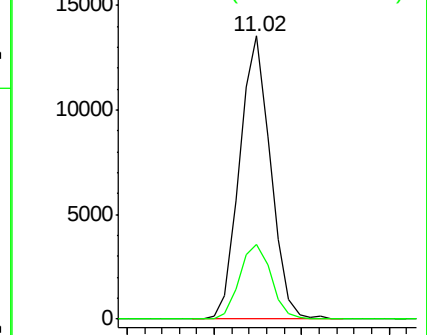
105 100

120 26.8 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: 1.36 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Tgt Ion: 43 Resp: 7224

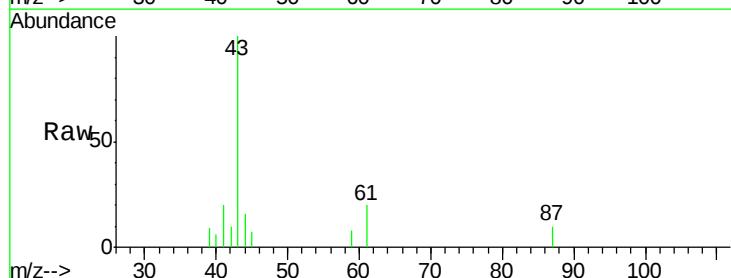
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.6 15.4 23.2

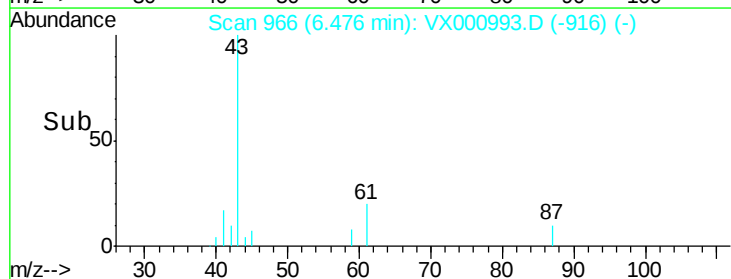
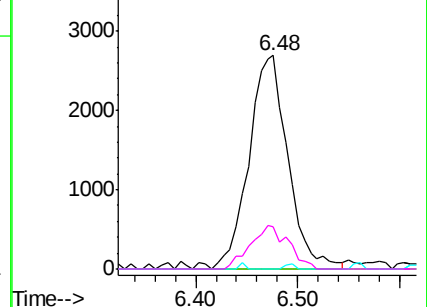


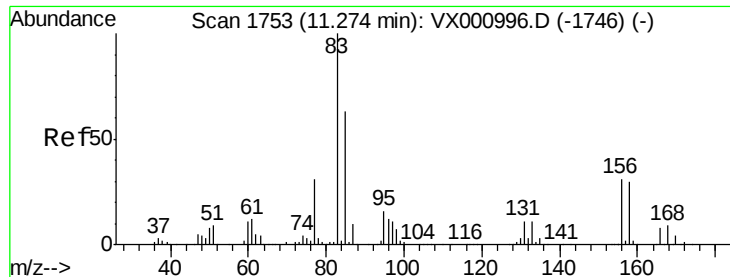
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.20 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

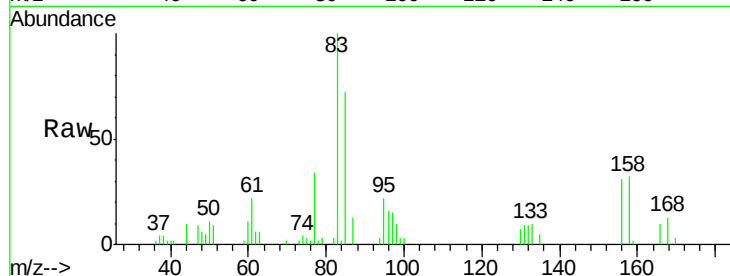
Tgt Ion: 83 Resp: 4324

Ion Ratio Lower Upper

83 100

131 12.0 5.8 17.4

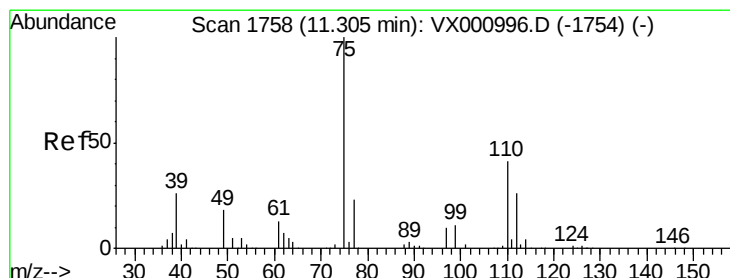
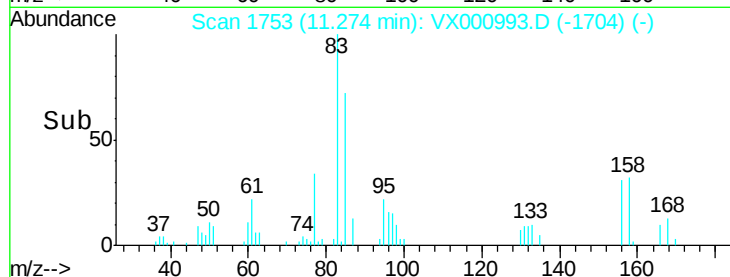
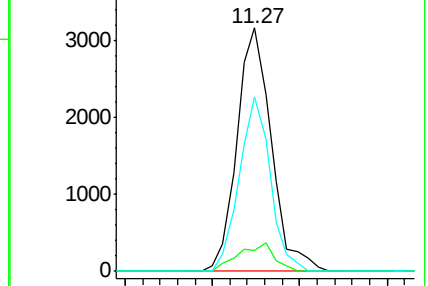
85 64.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.24 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000993.D

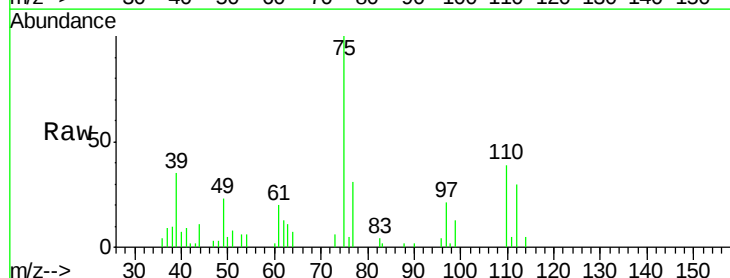
Acq: 19 Apr 2018 17:13

Tgt Ion: 75 Resp: 4914

Ion Ratio Lower Upper

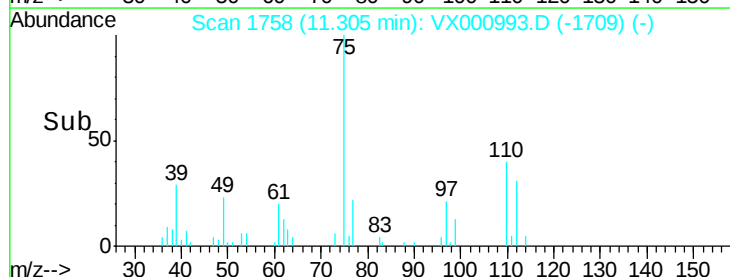
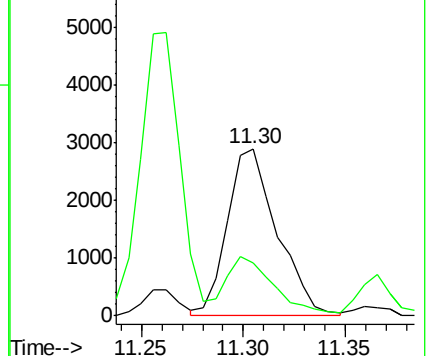
75 100

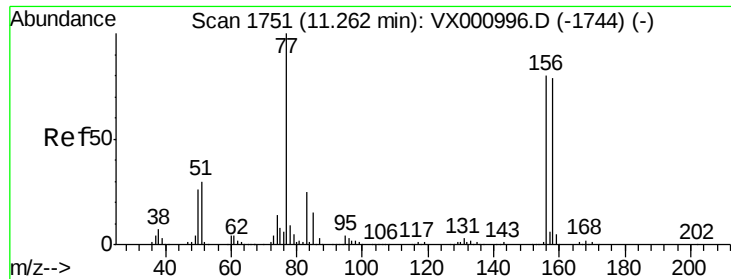
77 33.1 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.32 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

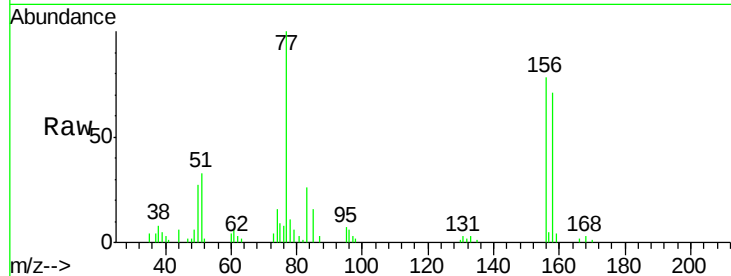
Tgt Ion:156 Resp: 4928

Ion Ratio Lower Upper

156 100

77 134.7 66.3 199.0

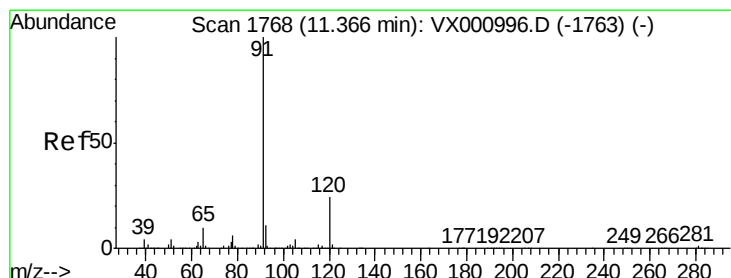
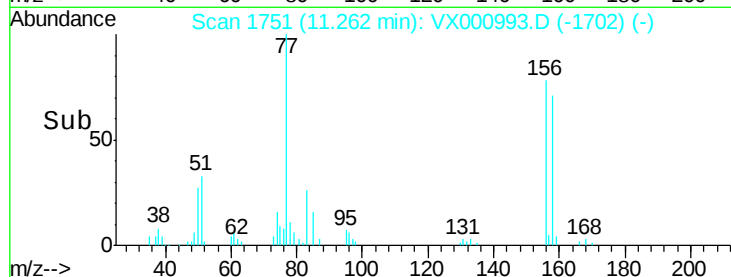
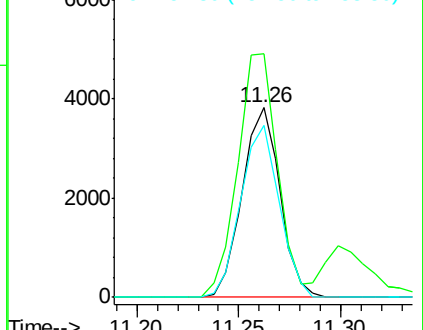
158 92.3 48.9 146.6



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: 1.33 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000993.D

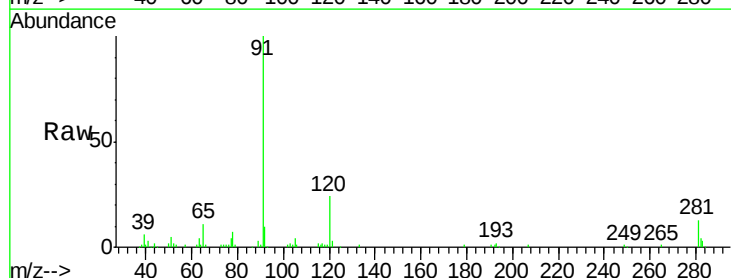
Acq: 19 Apr 2018 17:13

Tgt Ion: 91 Resp: 19611

Ion Ratio Lower Upper

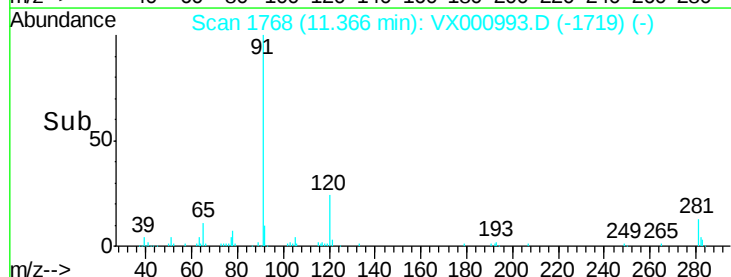
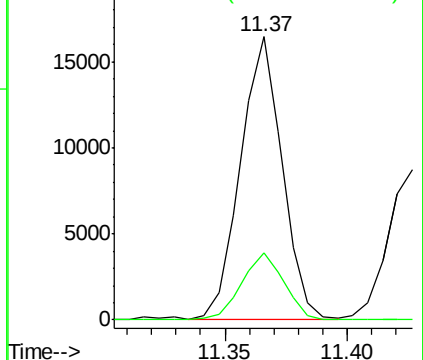
91 100

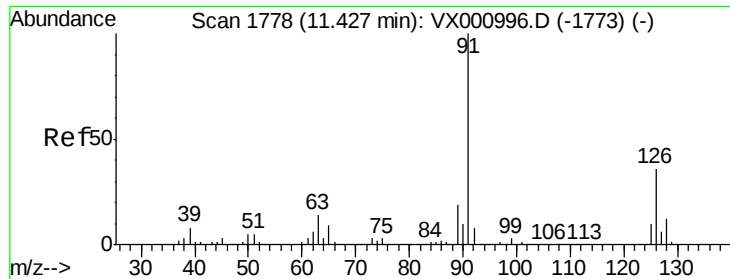
120 24.0 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.33 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

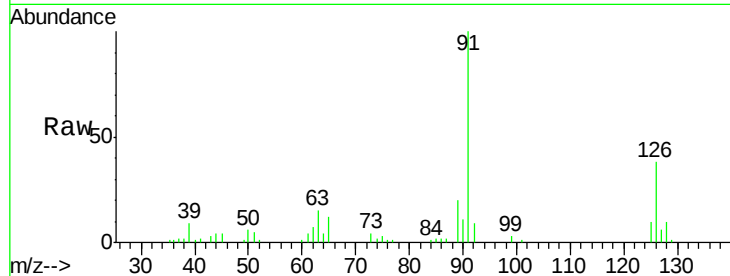
VSTDIC001

Tgt Ion: 91 Resp: 11568

Ion Ratio Lower Upper

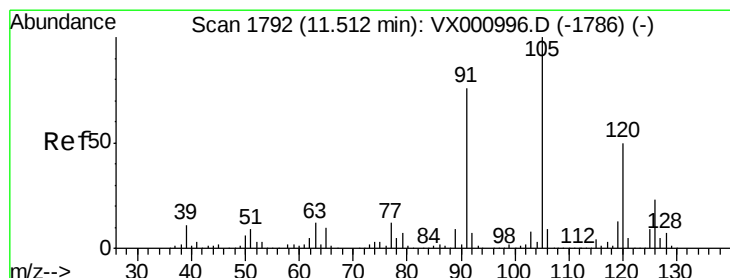
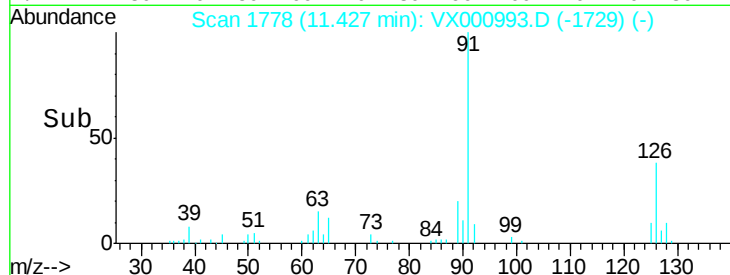
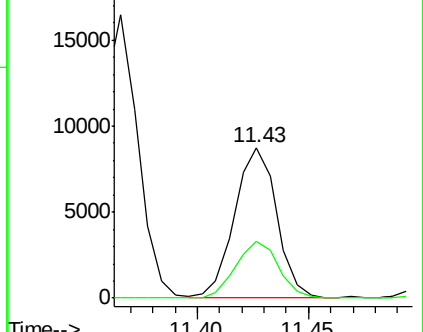
91 100

126 38.2 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000993.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000993.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.25 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000993.D

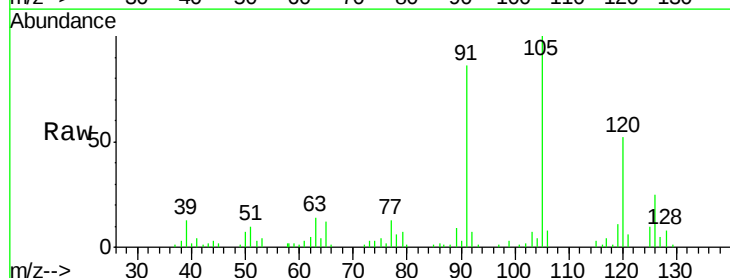
Acq: 19 Apr 2018 17:13

Tgt Ion: 105 Resp: 13552

Ion Ratio Lower Upper

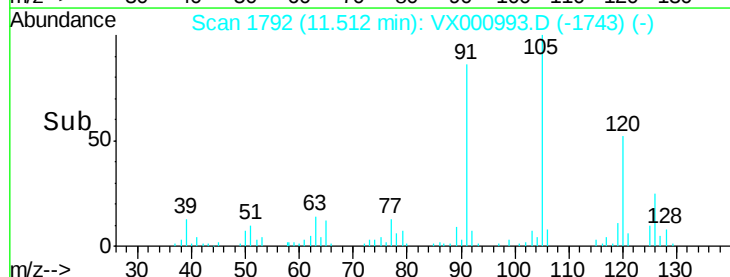
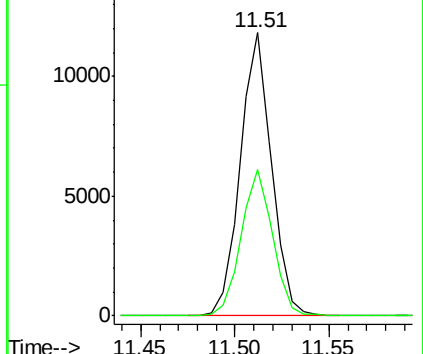
105 100

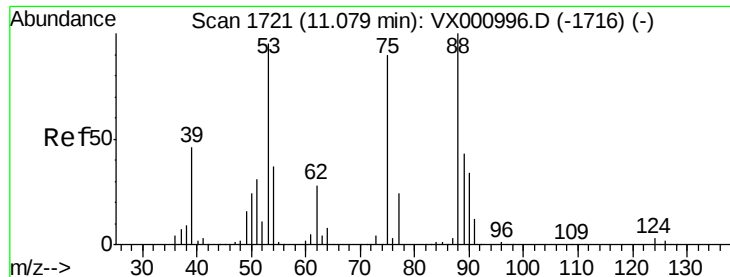
120 51.9 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000993.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX000993.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.95 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

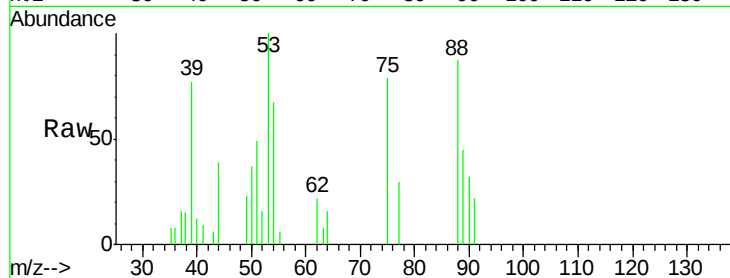
Tgt Ion: 75 Resp: 959

Ion Ratio Lower Upper

75 100

53 124.4 83.4 125.2

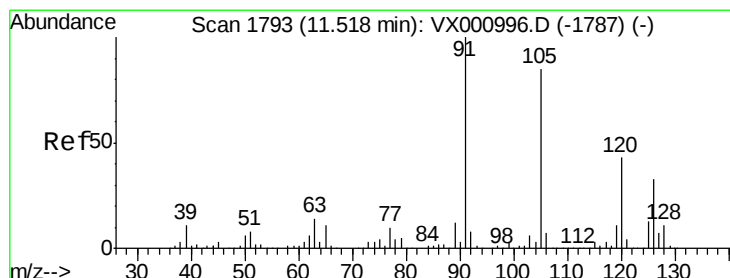
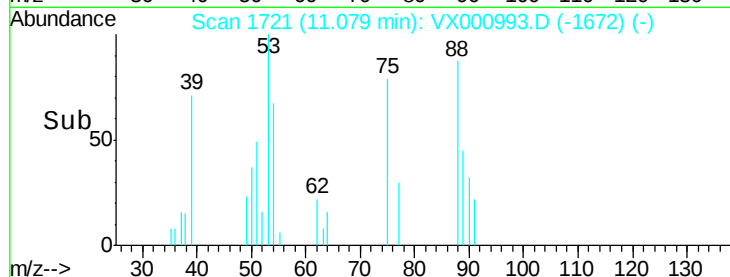
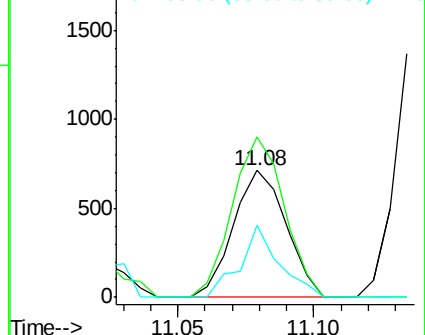
89 41.8 39.7 59.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.36 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000993.D

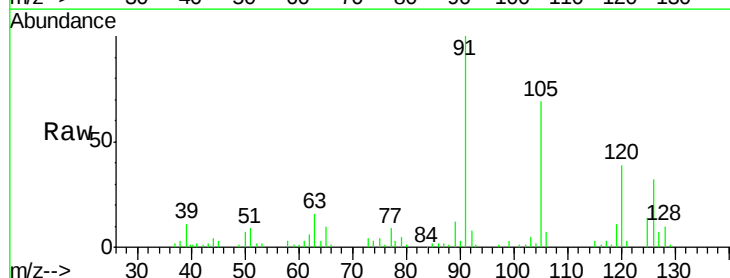
Acq: 19 Apr 2018 17:13

Tgt Ion: 91 Resp: 14322

Ion Ratio Lower Upper

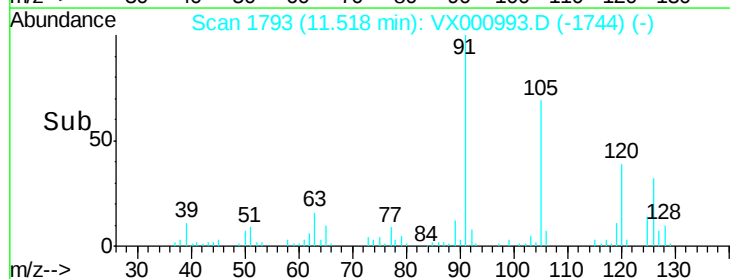
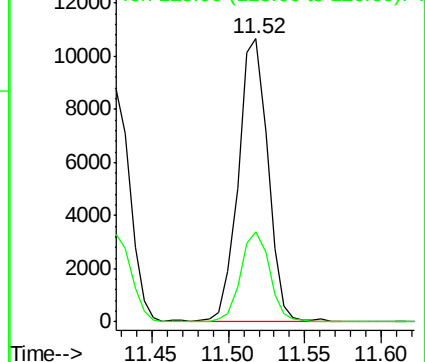
91 100

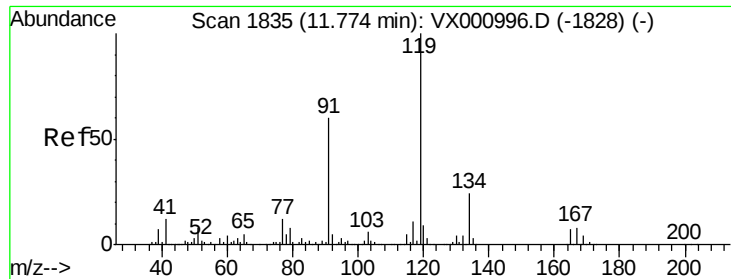
126 31.1 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

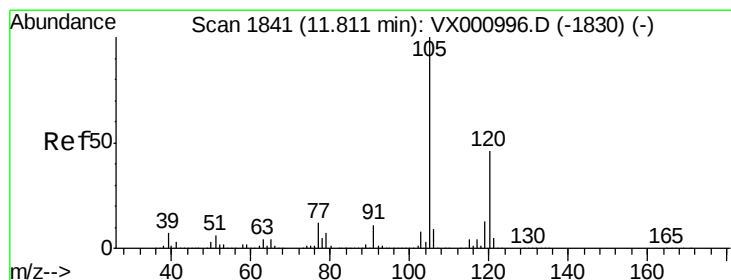
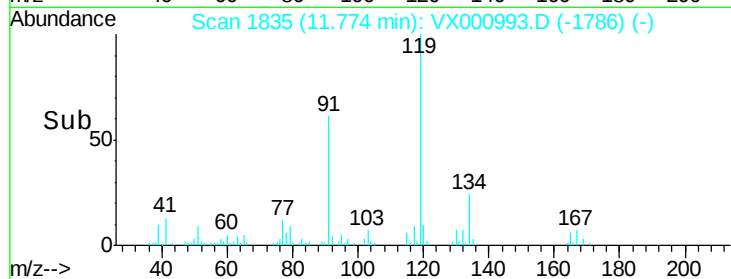
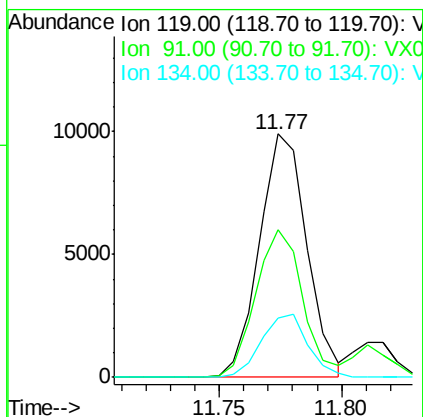
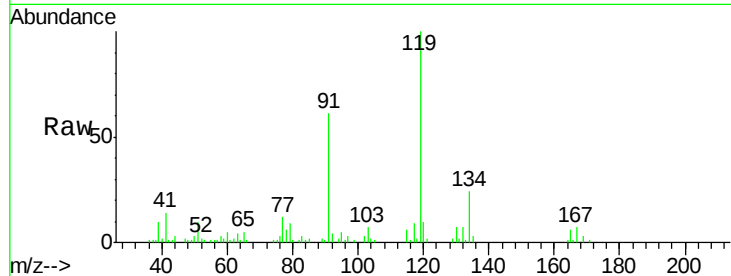




#83
 tert-Butylbenzene
 Concen: 1.21 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

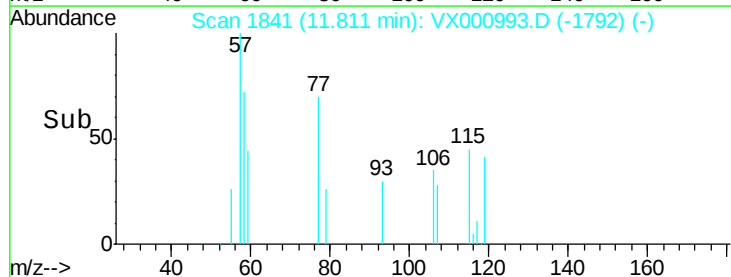
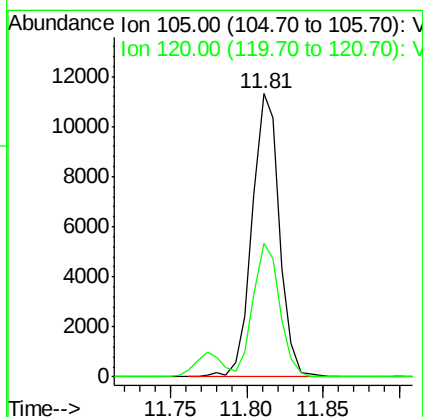
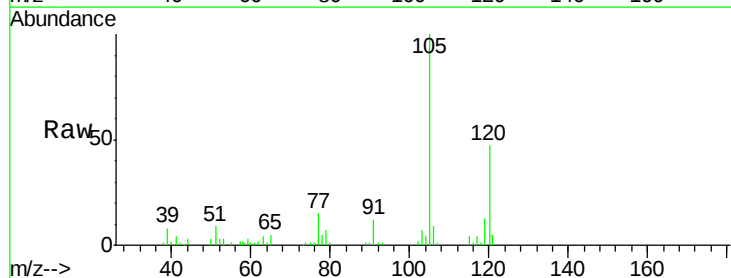
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

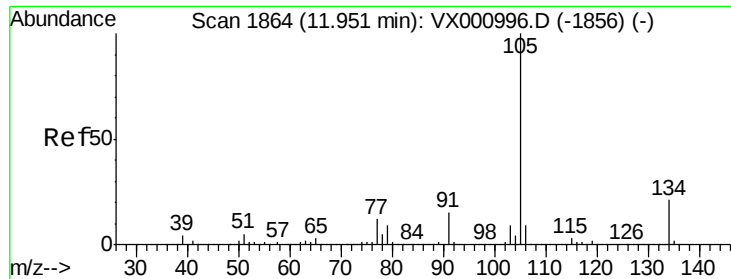
Tgt Ion:119 Resp: 13467
 Ion Ratio Lower Upper
 119 100
 91 60.3 27.0 81.0
 134 25.3 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 1.27 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion:105 Resp: 14033
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.0 69.0

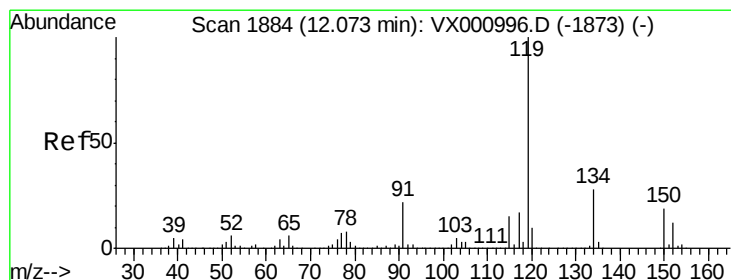
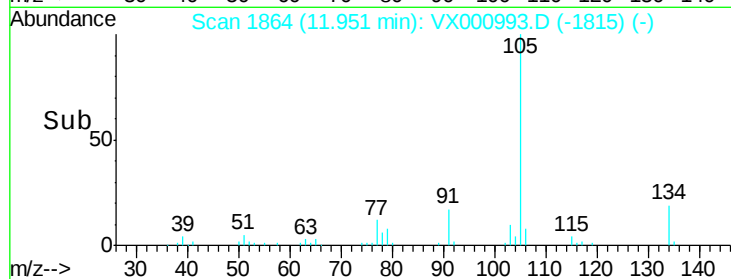
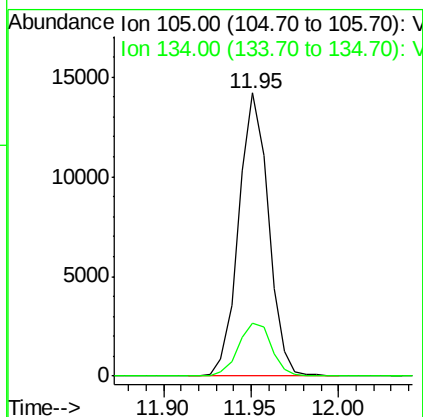
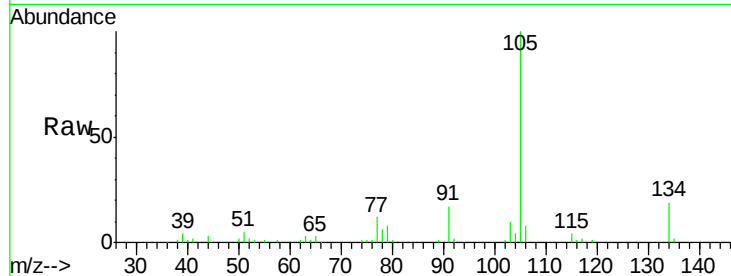




#85
 sec-Butylbenzene
 Concen: 1.26 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

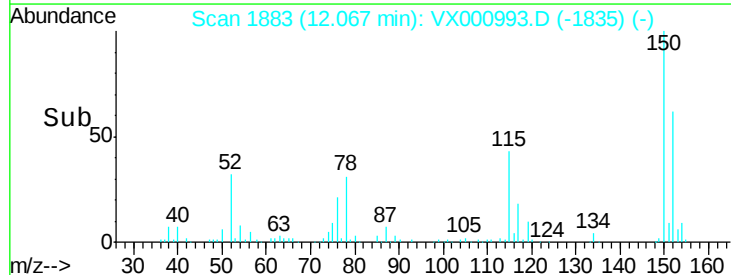
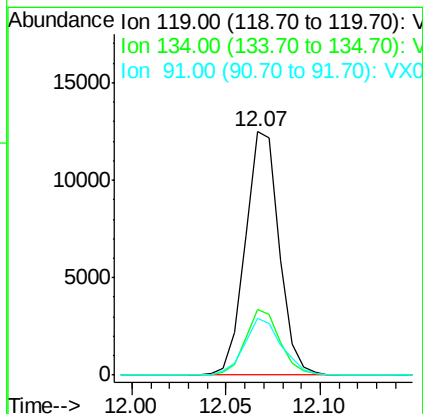
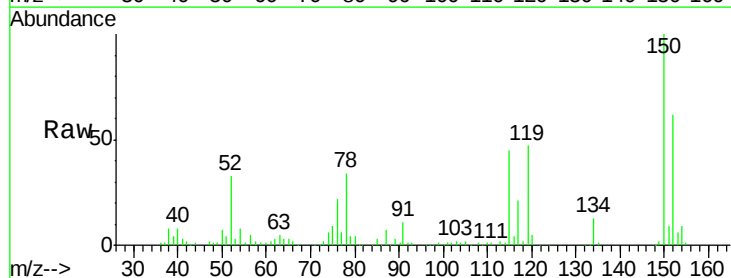
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

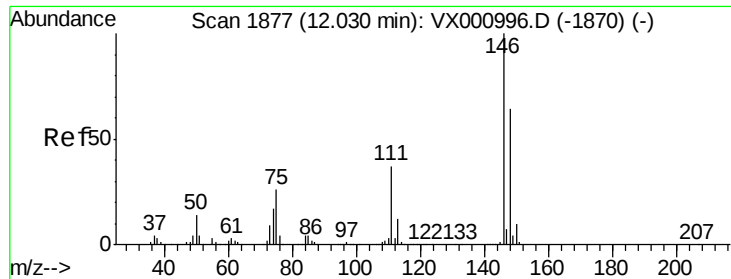
Tgt Ion:105 Resp: 16876
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 1.26 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion:119 Resp: 15526
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.5 40.5
 91 25.7 11.4 34.1

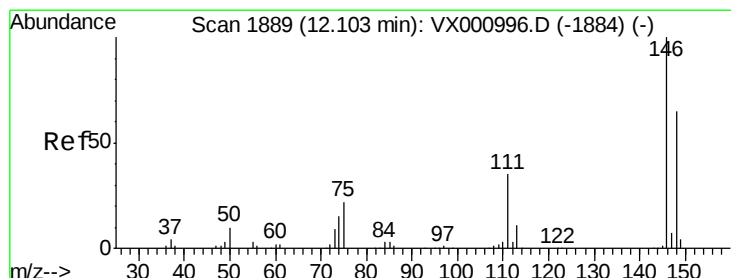
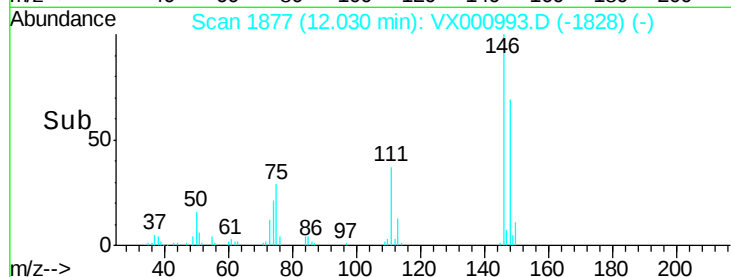
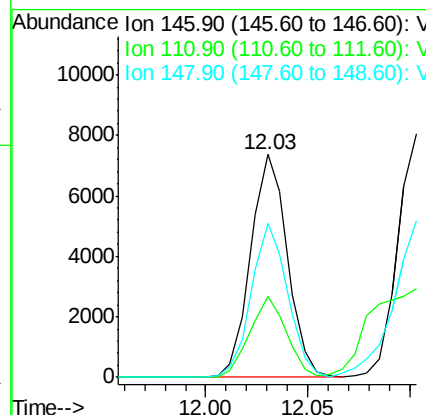
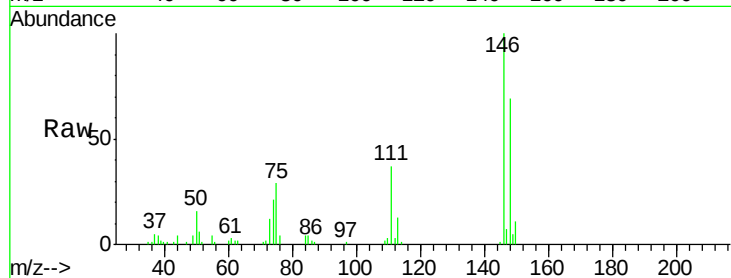




#87
 1,3-Dichlorobenzene
 Concen: 1.32 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

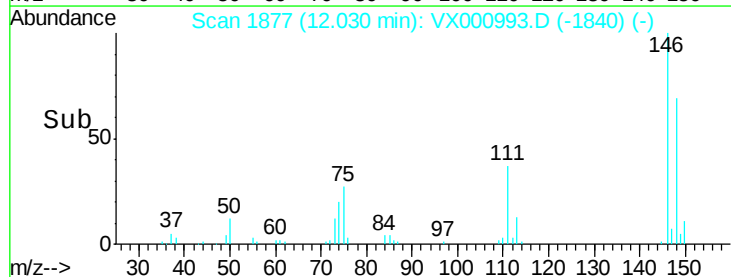
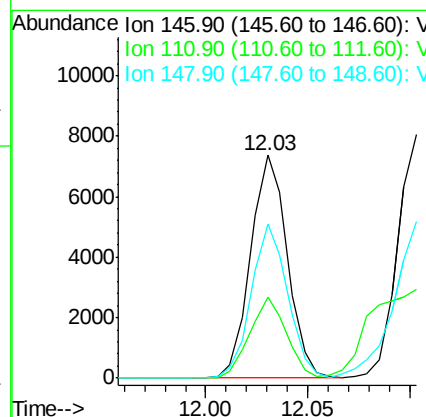
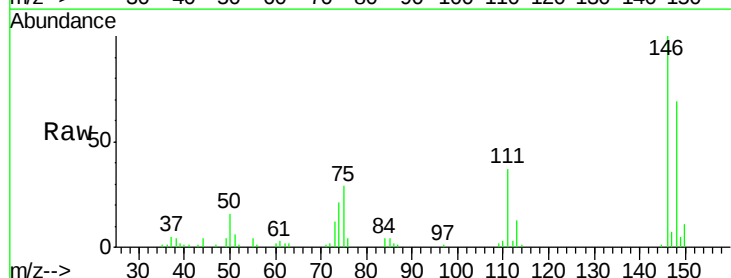
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

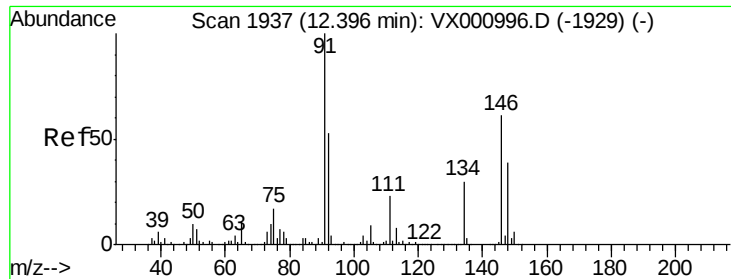
Tgt Ion:146 Resp: 9247
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.3 54.8
 148 68.5 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 1.30 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion:146 Resp: 9247
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.0 54.0
 148 68.5 32.4 97.0

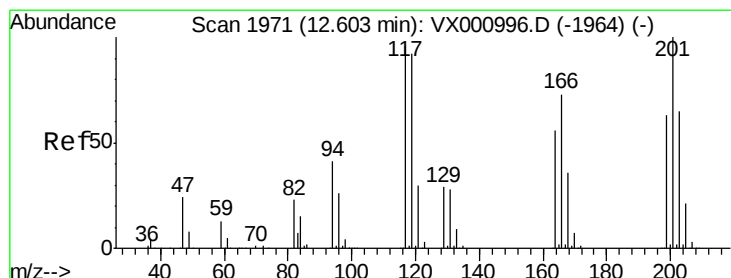
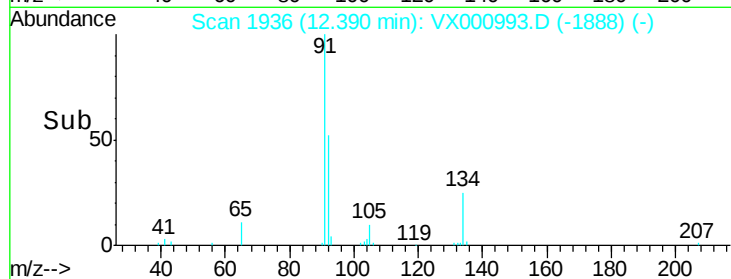
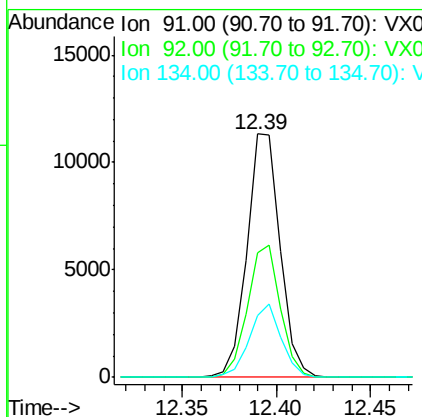
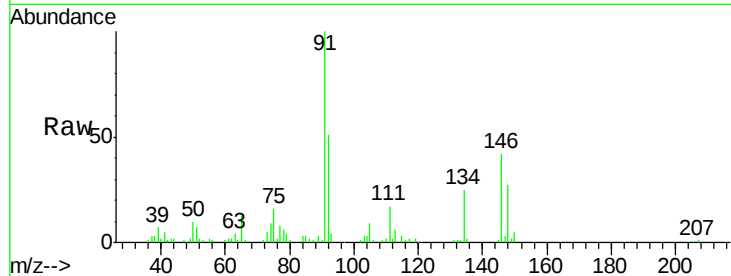




#89
n-Butylbenzene
Concen: 1.24 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

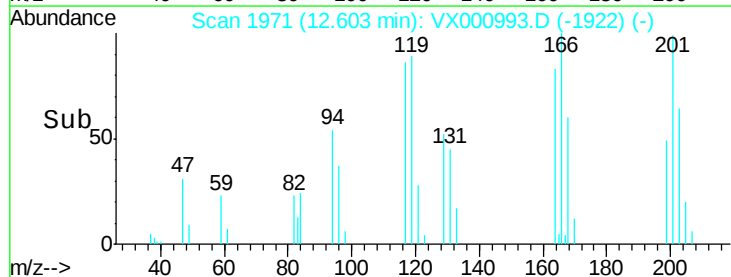
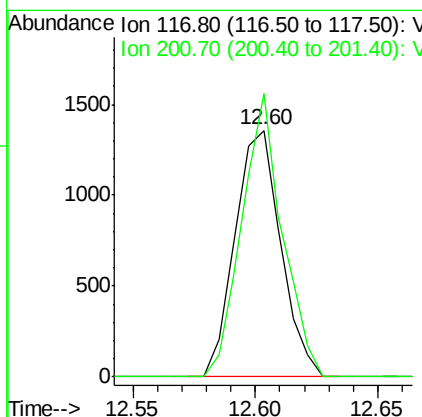
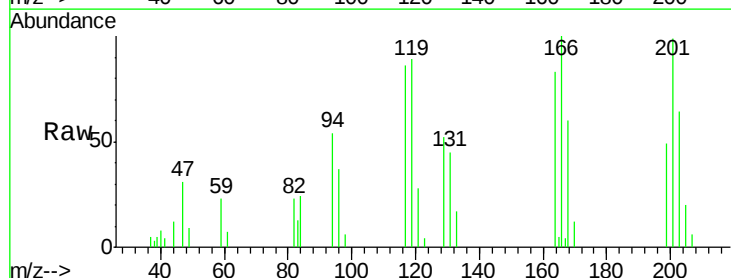
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

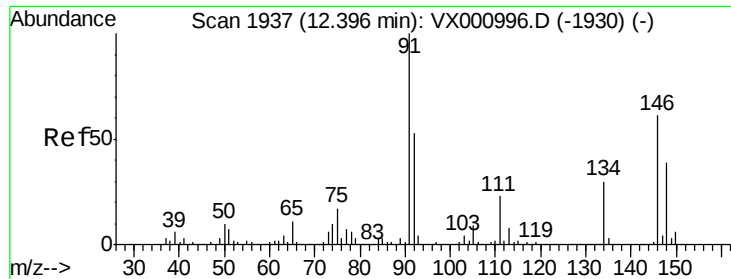
Tgt Ion: 91 Resp: 13816
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.9
134 28.9 14.4 43.0



#90
Hexachloroethane
Concen: 0.99 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion: 117 Resp: 1764
Ion Ratio Lower Upper
117 100
201 101.9 52.3 157.1

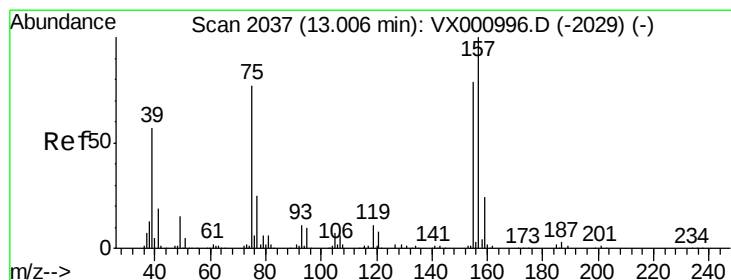
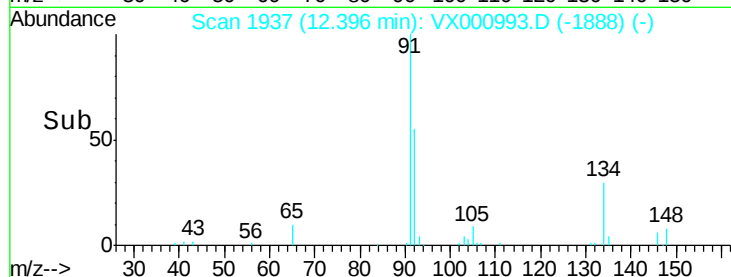
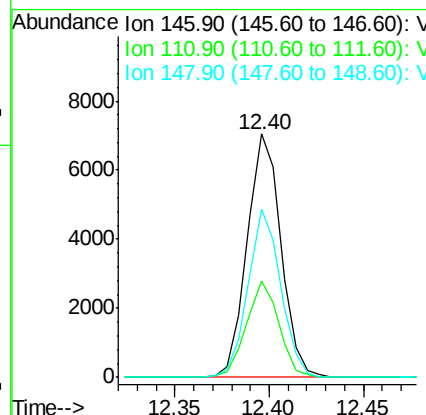
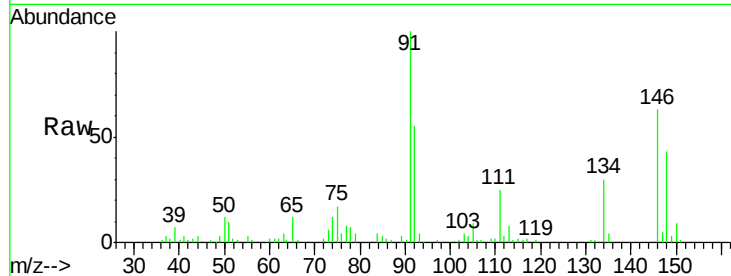




#91
 1,2-Dichlorobenzene
 Concen: 1.30 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

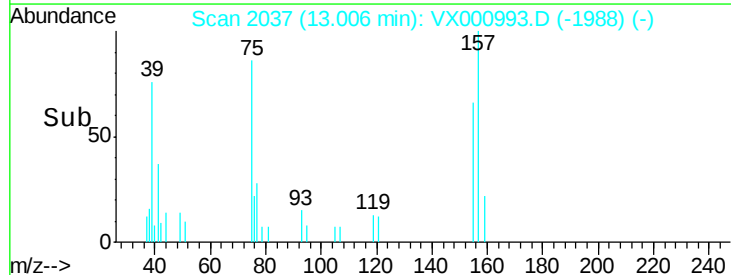
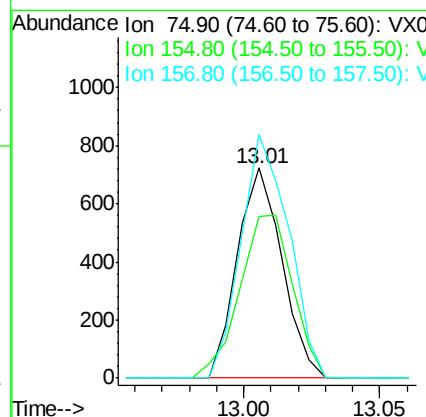
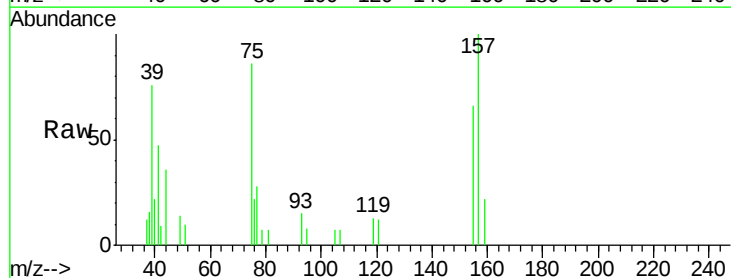
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

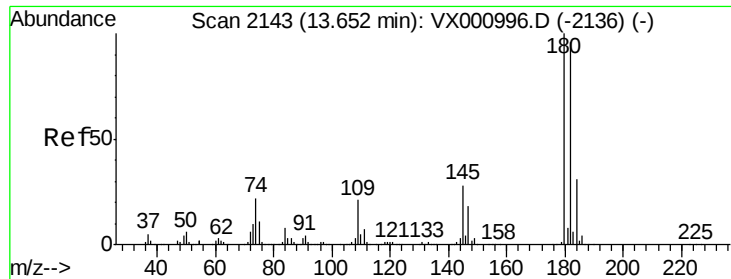
Tgt Ion: 146 Resp: 8784
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 56.0
 148 66.7 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.10 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion: 75 Resp: 824
 Ion Ratio Lower Upper
 75 100
 155 91.6 51.0 153.0
 157 123.4 64.9 194.7

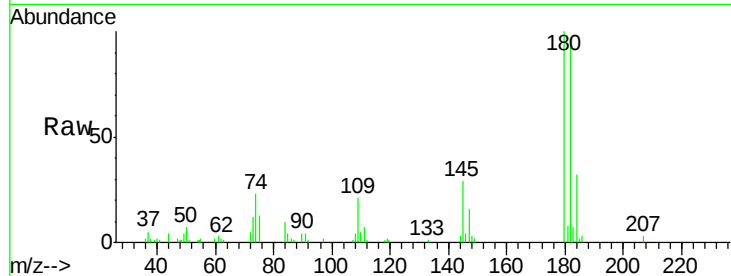




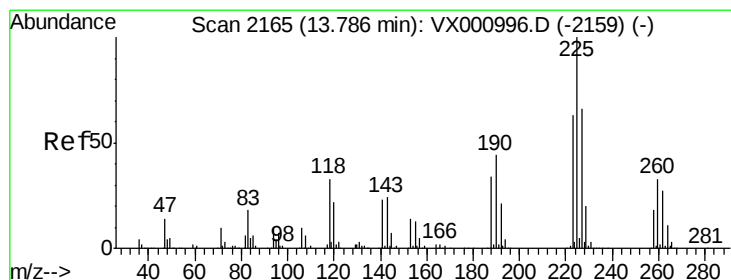
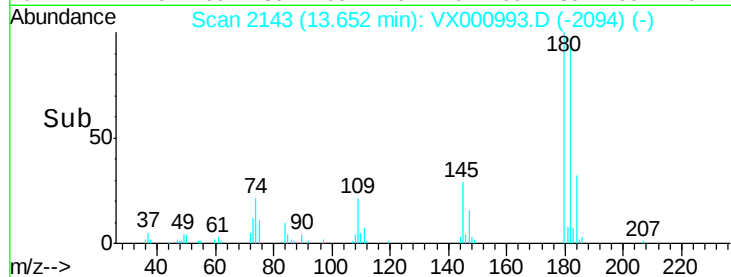
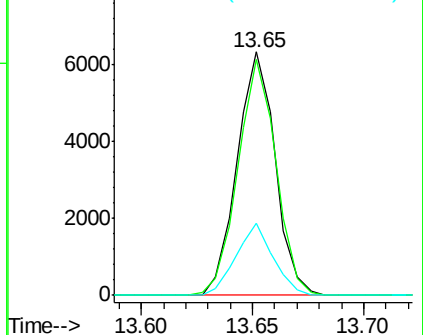
#93
 1,2,4-Trichlorobenzene
 Concen: 1.26 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 7553
 Ion Ratio Lower Upper
 180 100
 182 96.8 48.0 144.0
 145 28.6 13.9 41.7

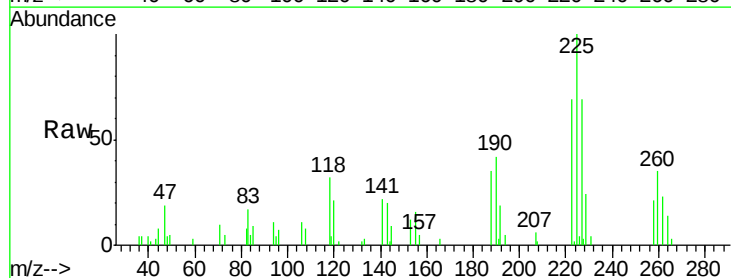


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

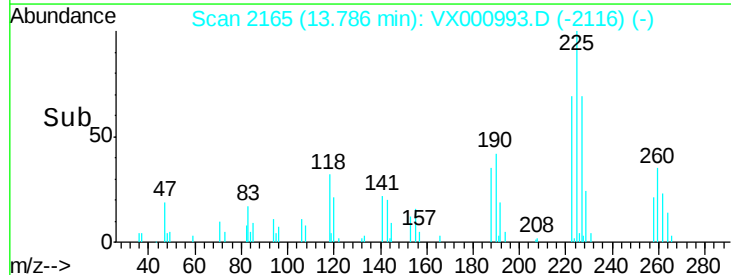
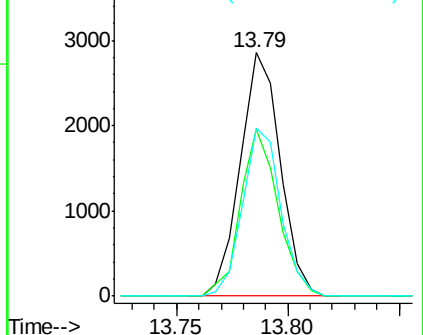


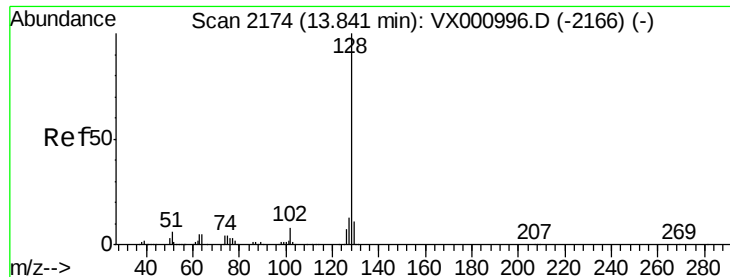
#94
 Hexachlorobutadiene
 Concen: 1.35 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion:225 Resp: 3579
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.5 94.5
 227 66.0 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 1.20 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

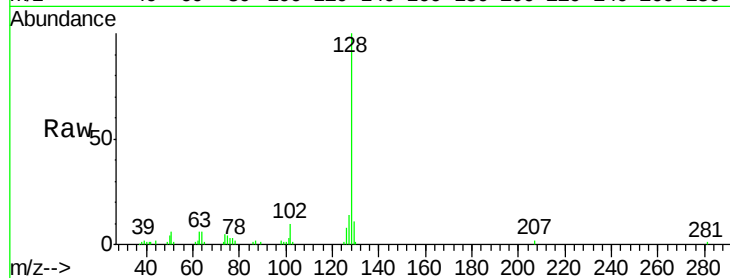
Tgt Ion:128 Resp: 16769

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.4

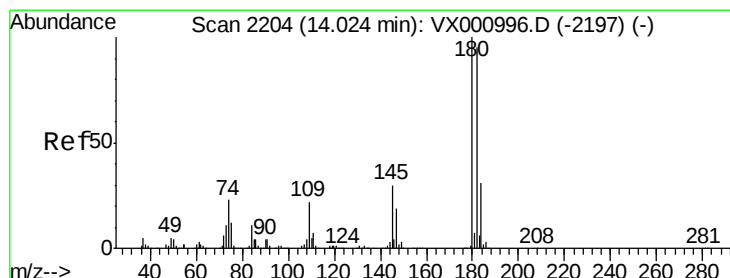
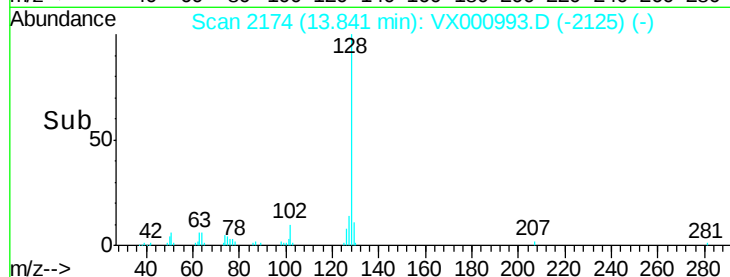
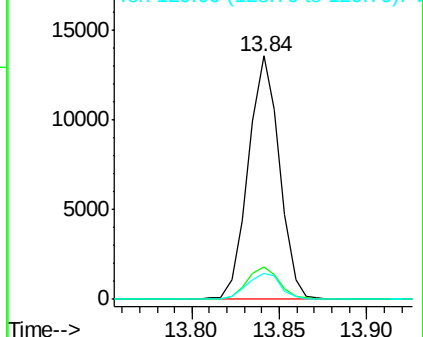
129 11.3 8.7 13.1



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: 1.31 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

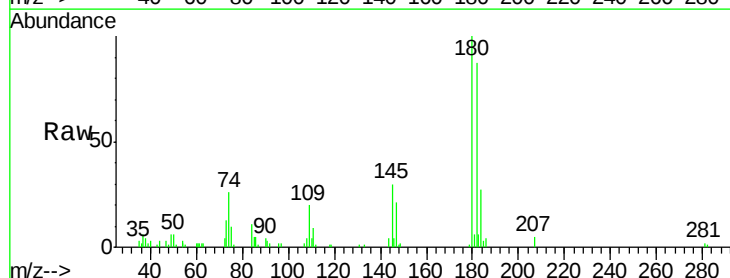
Tgt Ion:180 Resp: 7333

Ion Ratio Lower Upper

180 100

182 90.3 47.9 143.7

145 29.7 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

