

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
 Data File : VX001008.D
 Acq On : 20 Apr 2018 15:01
 Operator : JC/MD
 Sample : VX0420WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 05:33:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	493099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	680928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	642835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	428316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	301349	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	5.51	113	247014	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
50) Toluene-d8	8.72	98	935454	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.14	95	373268	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66931	10.94	ug/l	98
3) Chloromethane	1.32	50	56131	9.86	ug/l	100
4) Vinyl Chloride	1.41	62	60108	10.18	ug/l	99
5) Bromomethane	1.65	94	41252	9.89	ug/l	97
6) Chloroethane	1.73	64	36007	10.27	ug/l	98
7) Trichlorofluoromethane	1.93	101	89406	10.08	ug/l	99
8) Diethyl Ether	2.19	74	32879	10.04	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50884	9.79	ug/l	99
10) Methyl Iodide	2.51	142	35583	13.49	ug/l	100
11) Tert butyl alcohol	3.07	59	48254	51.19	ug/l	98
12) 1,1-Dichloroethene	2.38	96	47698	9.93	ug/l	98
13) Acrolein	2.29	56	17676	68.49	ug/l	95
14) Allyl chloride	2.73	41	85746	9.86	ug/l	100
15) Acrylonitrile	3.15	53	126184	49.46	ug/l	98
16) Acetone	2.45	43	120236	51.08	ug/l	99
17) Carbon Disulfide	2.57	76	127716	9.33	ug/l	100
18) Methyl Acetate	2.78	43	78644	11.04	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	162185	10.04	ug/l	98
20) Methylene Chloride	2.86	84	52021	9.24	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	51960	9.72	ug/l	99
22) Diisopropyl ether	3.88	45	170980	10.16	ug/l	98
23) Vinyl Acetate	3.83	43	693397	49.76	ug/l	99
24) 1,1-Dichloroethane	3.70	63	93251	9.88	ug/l	100
25) 2-Butanone	4.71	43	185783	50.56	ug/l	99
26) 2,2-Dichloropropane	4.60	77	79987	9.85	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	59671	10.02	ug/l	99
28) Bromochloromethane	5.03	49	36629	10.09	ug/l	99
29) Tetrahydrofuran	5.17	42	116587	50.21	ug/l	100
30) Chloroform	5.23	83	98398	10.06	ug/l	99
31) Cyclohexane	5.59	56	85890	9.75	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	88489	10.09	ug/l	99
36) 1,1-Dichloropropene	5.81	75	75409	9.42	ug/l	99
37) Ethyl Acetate	4.87	43	72370	9.86	ug/l	99
38) Carbon Tetrachloride	5.79	117	76180	9.40	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	88312	9.48	ug/l	98
40) Benzene	6.15	78	213865	9.61	ug/l	100
41) Methacrylonitrile	5.07	41	42397	9.25	ug/l	98
42) 1,2-Dichloroethane	6.20	62	81845	9.58	ug/l	100
43) Isopropyl Acetate	6.47	43	121166	9.62	ug/l	100
44) Trichloroethene	7.22	130	64994	9.56	ug/l	99
45) 1,2-Dichloropropane	7.52	63	55964	10.00	ug/l	99
46) Dibromomethane	7.67	93	37220	9.52	ug/l	99
47) Bromodichloromethane	7.90	83	68966	9.53	ug/l	97
48) Methyl methacrylate	7.78	41	65226	9.62	ug/l	99
49) 1,4-Dioxane	7.76	88	20068	201.26	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	384029	50.23	ug/l	98
52) Toluene	8.79	92	141847	9.77	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	84742	9.79	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	79083	9.69	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	56301	9.76	ug/l	98
56) Ethyl methacrylate	9.19	69	83446	9.84	ug/l	99
57) 1,3-Dichloropropane	9.38	76	92306	9.65	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	203221	49.12	ug/l	100
59) 2-Hexanone	9.51	43	291023	49.73	ug/l	99
60) Dibromochloromethane	9.59	129	57738	9.53	ug/l	99
61) 1,2-Dibromoethane	9.68	107	59838	9.82	ug/l	98
64) Tetrachloroethene	9.34	164	66027	9.67	ug/l	98
65) Chlorobenzene	10.15	112	166805	9.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	57536	9.79	ug/l	99
67) Ethyl Benzene	10.26	91	278290	9.79	ug/l	98
68) m/p-Xylenes	10.37	106	218601	19.51	ug/l	99
69) o-Xylene	10.71	106	105425	9.76	ug/l	100
70) Styrene	10.72	104	173259	9.74	ug/l	98
71) Bromoform	10.87	173	44848	10.48	ug/l	99
73) Isopropylbenzene	11.02	105	286897	10.25	ug/l	100
74) N-amyl acetate	6.47	43	121166	10.12	ug/l #	100
75) 1,1,1,2-Tetrachloroethane	11.27	83	81338	10.26	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	90111	12.13	ug/l	89
77) Bromobenzene	11.26	156	81990	10.09	ug/l	98
78) n-propylbenzene	11.37	91	324457	10.09	ug/l	99
79) 2-Chlorotoluene	11.43	91	192445	10.13	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	242175	10.20	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19261	10.68	ug/l	93
82) 4-Chlorotoluene	11.52	91	232676	10.14	ug/l	99
83) tert-Butylbenzene	11.77	119	245269	10.24	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	248579	10.18	ug/l	100
85) sec-Butylbenzene	11.95	105	289611	10.13	ug/l	99
86) p-Isopropyltoluene	12.07	119	270234	10.22	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	152398	10.02	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	156081	9.99	ug/l	98
89) n-Butylbenzene	12.39	91	235700	10.02	ug/l	100
90) Hexachloroethane	12.60	117	36167	9.65	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	147355	10.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17428	10.50	ug/l	93

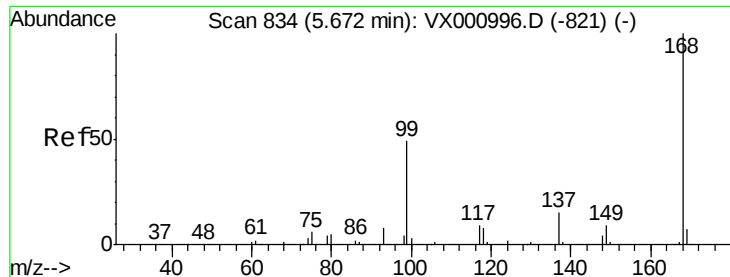
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	122259	9.89	ug/l	100
94) Hexachlorobutadiene	13.79	225	53641	9.59	ug/l	98
95) Naphthalene	13.84	128	317145	10.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	118593	9.92	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

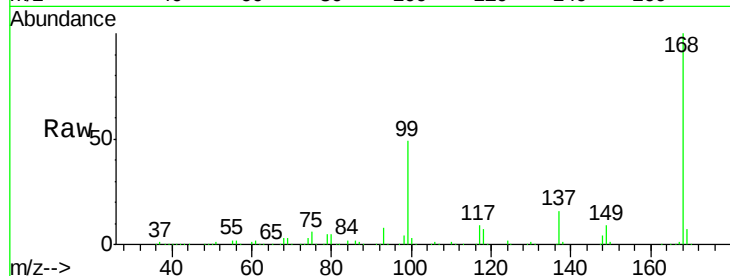
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 493099

Ion Ratio Lower Upper

168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

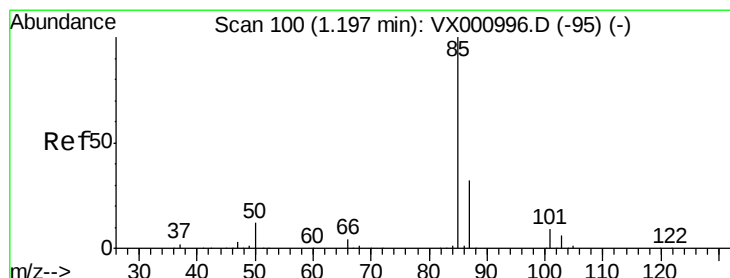
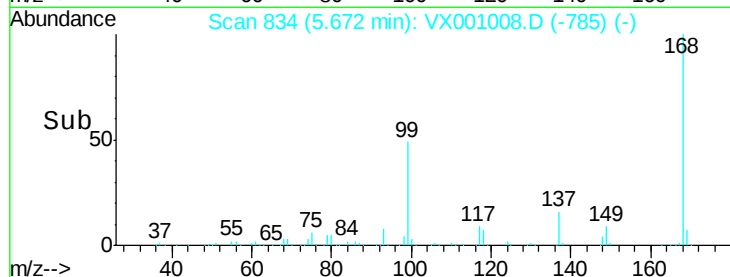
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 10.94 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001008.D

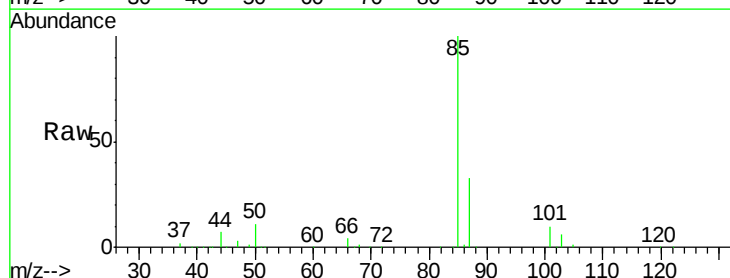
Acq: 20 Apr 2018 15:01

Tgt Ion: 85 Resp: 66931

Ion Ratio Lower Upper

85 100

87 32.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

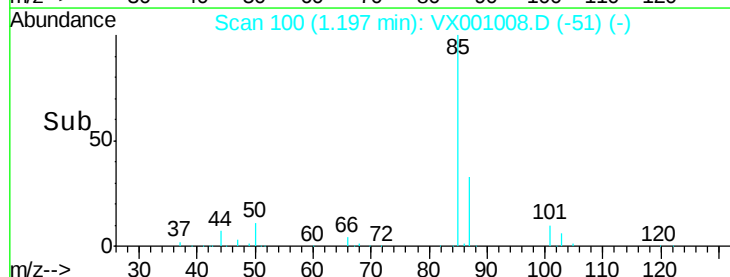
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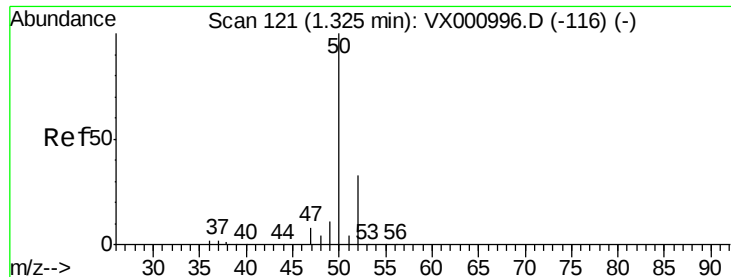
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 9.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

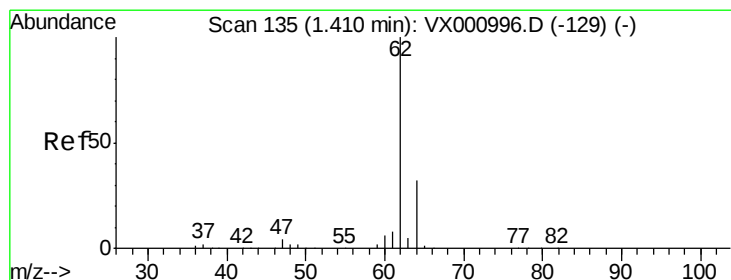
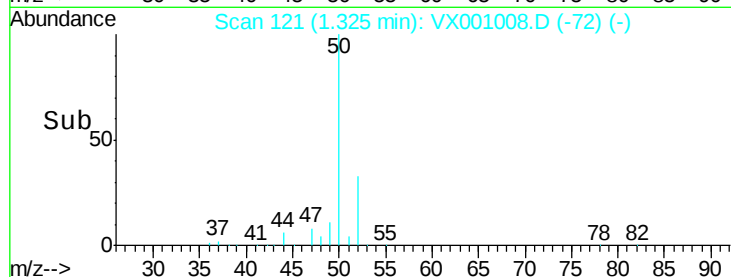
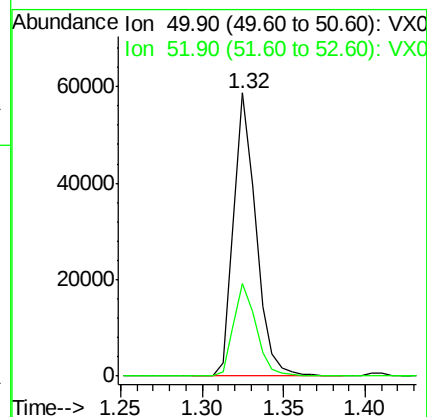
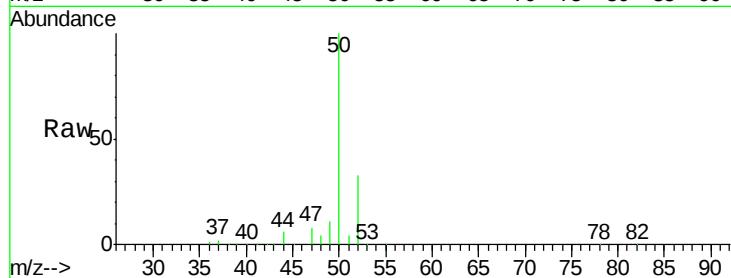
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 56131

Ion Ratio Lower Upper

50 100

52 32.9 26.3 39.5



#4

Vinyl Chloride

Concen: 10.18 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX001008.D

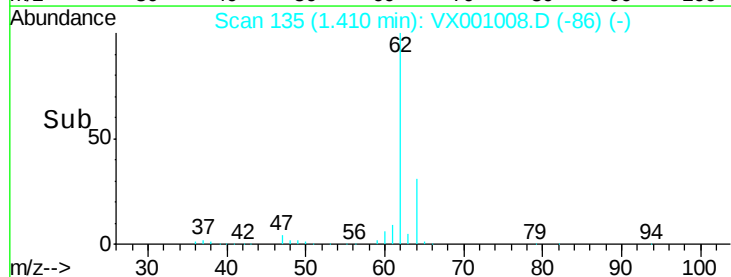
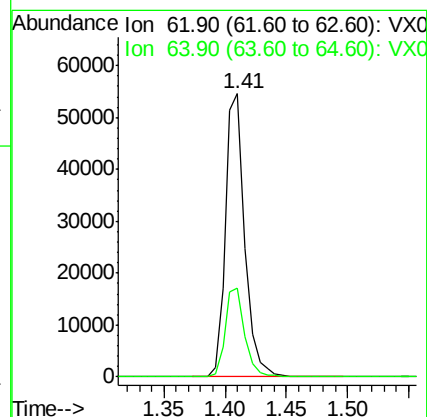
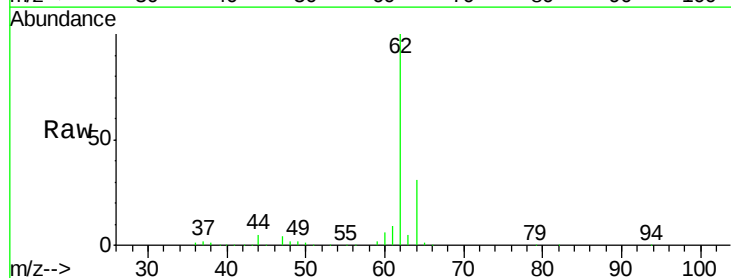
Acq: 20 Apr 2018 15:01

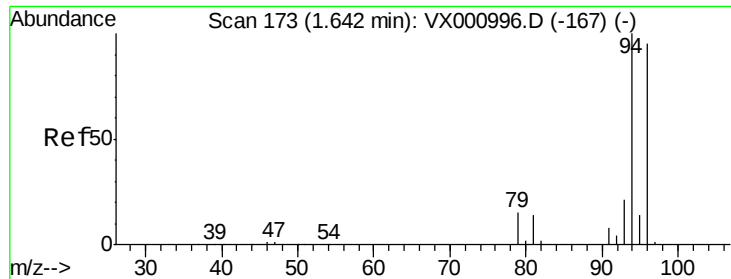
Tgt Ion: 62 Resp: 60108

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4

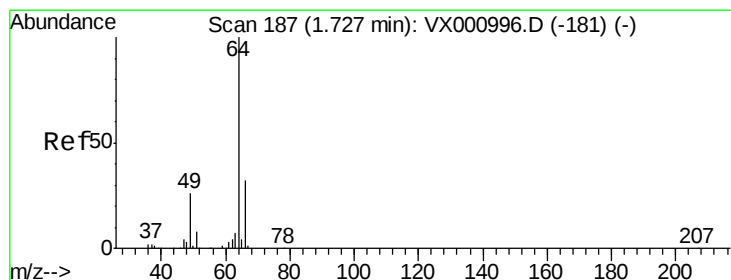
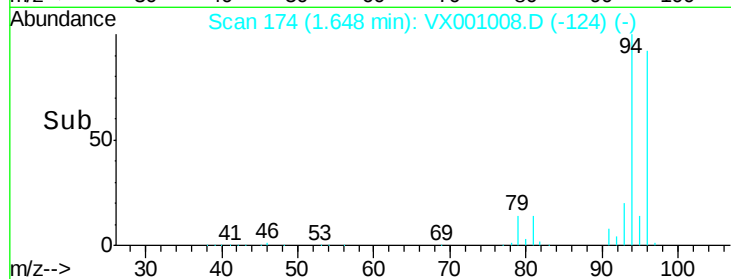
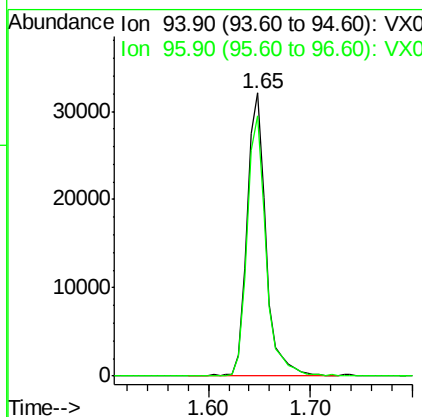
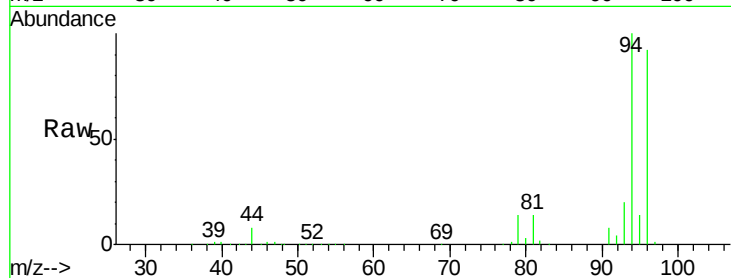




#5
Bromomethane
Concen: 9.89 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

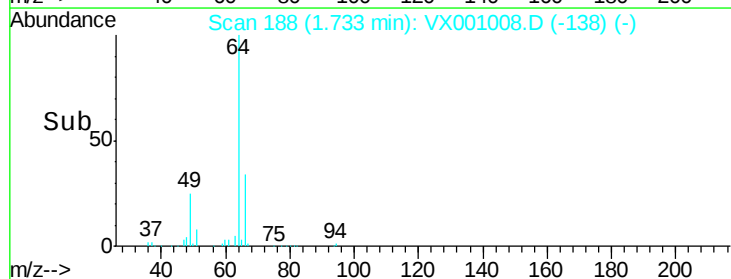
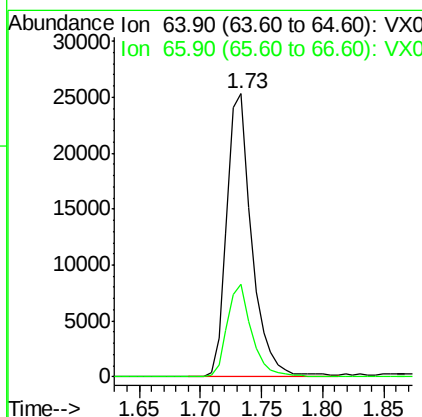
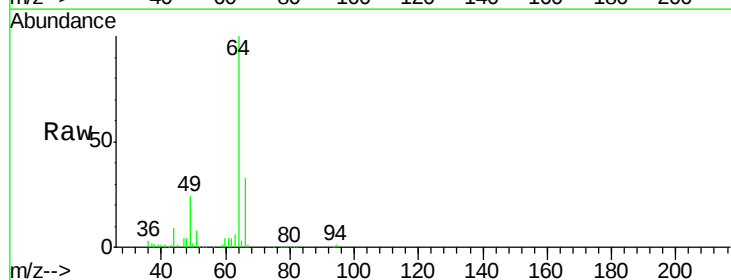
Instrument :
MSVOA_X
ClientSampleId :

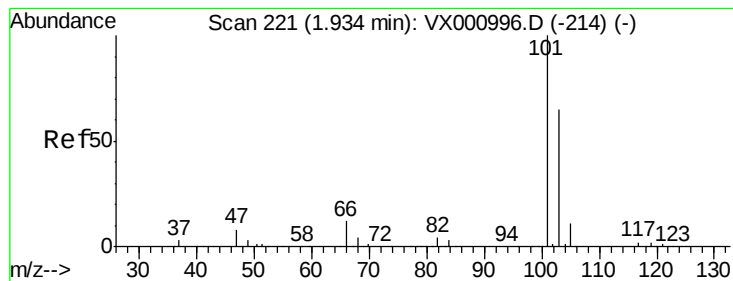
Tot Ion: 94 Resp: 41252
Ion Ratio Lower Upper
94 100
96 92.2 76.0 114.0



#6
Chloroethane
Concen: 10.27 ug/l
RT: 1.73 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 64 Resp: 36007
Ion Ratio Lower Upper
64 100
66 32.9 25.3 37.9



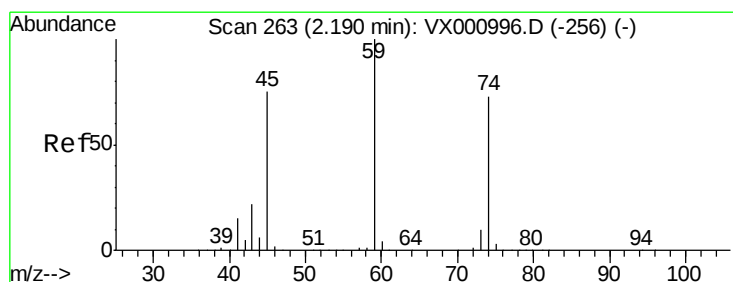
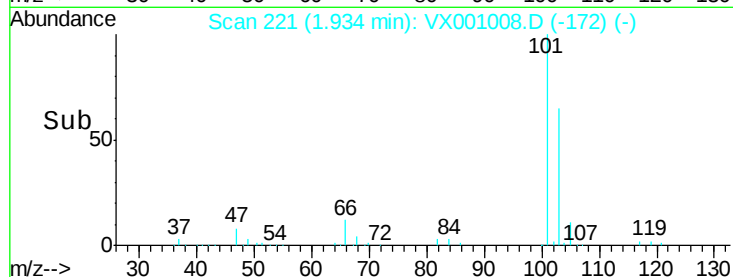
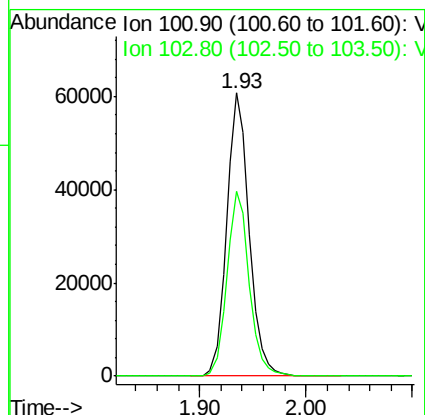
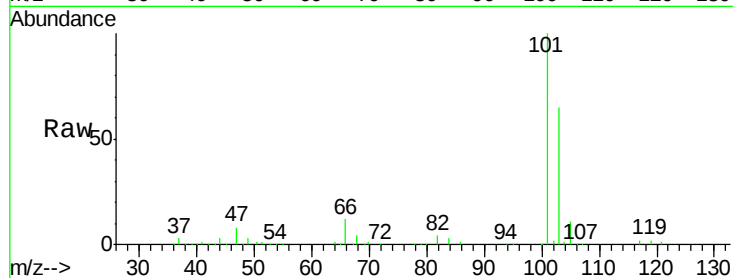


#7

Trichlorofluoromethane
 Concen: 10.08 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Instrument :
 MSVOA_X
 ClientSampleId :

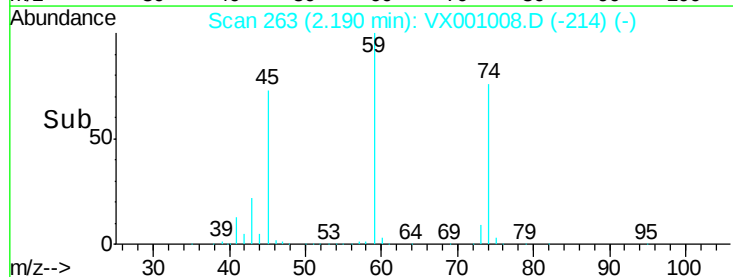
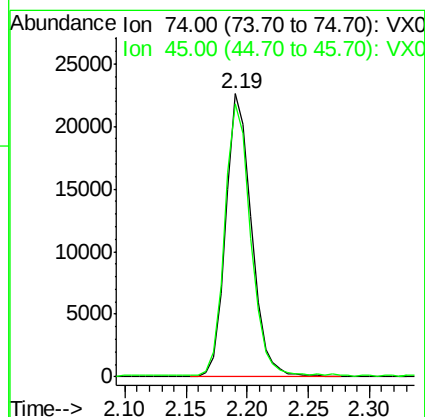
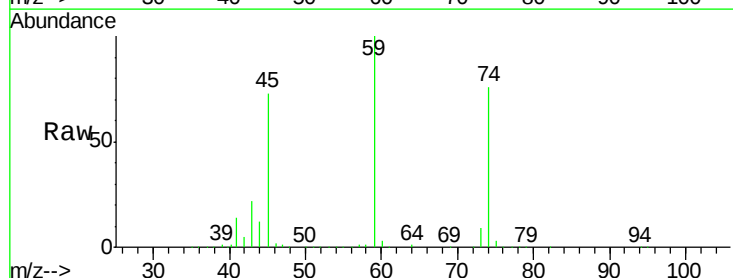
Tot Ion:101 Resp: 89406
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.8 77.8

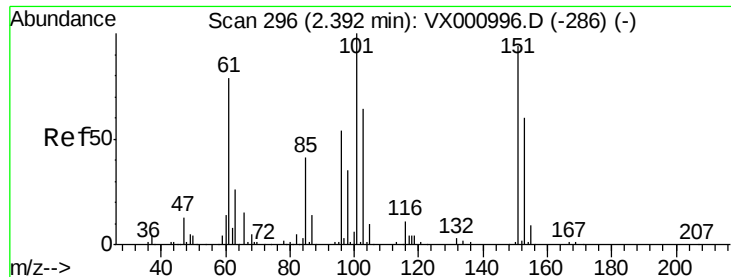


#8

Diethyl Ether
 Concen: 10.04 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion: 74 Resp: 32879
 Ion Ratio Lower Upper
 74 100
 45 96.6 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.79 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

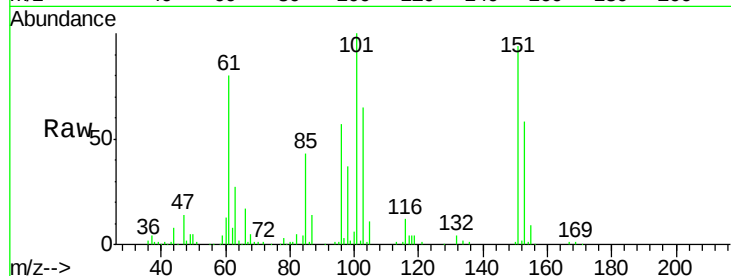
Tot Ion:101 Resp: 50884

Ion Ratio Lower Upper

101 100

85 42.9 33.9 50.9

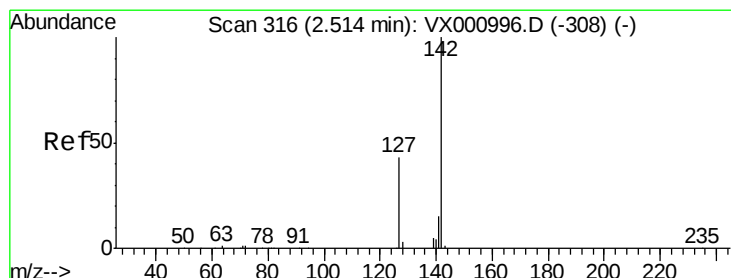
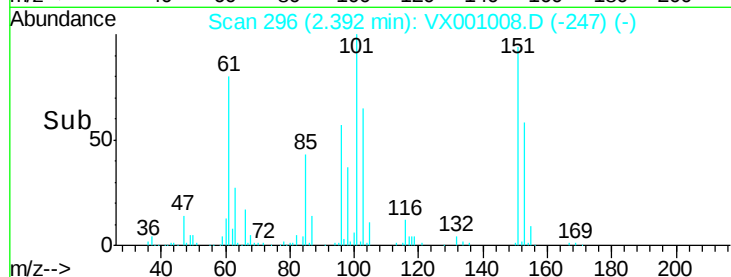
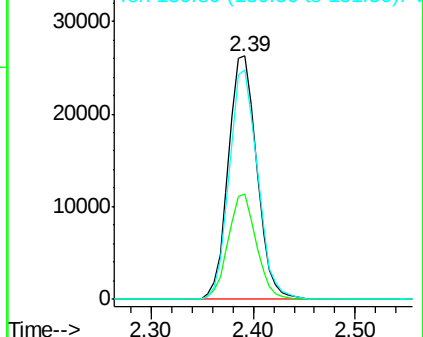
151 93.6 73.5 110.3



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: 13.49 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

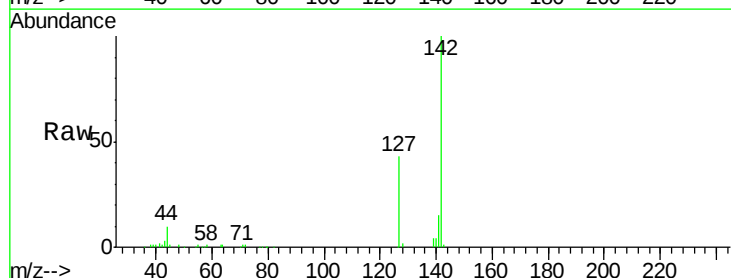
Tgt Ion:142 Resp: 35583

Ion Ratio Lower Upper

142 100

127 42.6 34.0 51.0

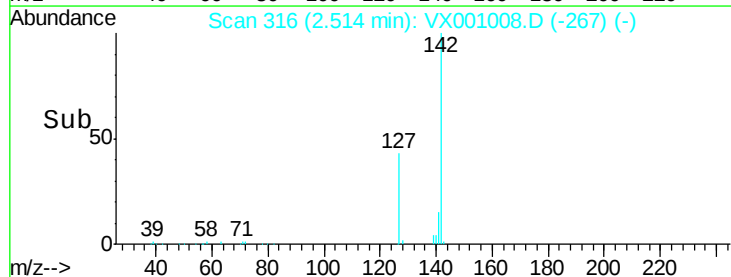
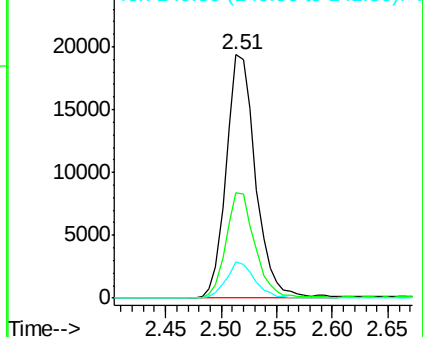
141 14.4 11.4 17.2

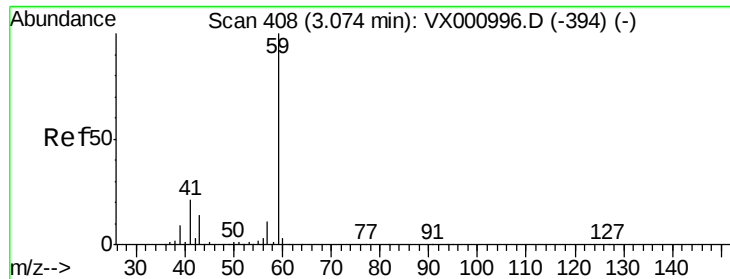


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

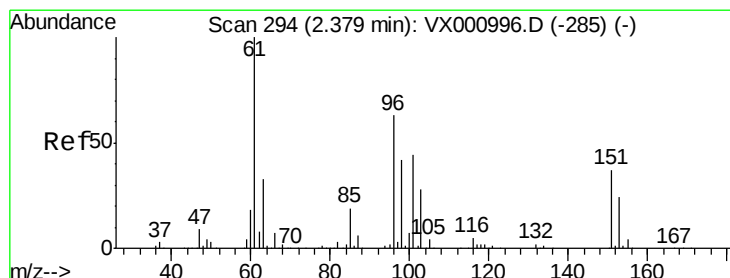
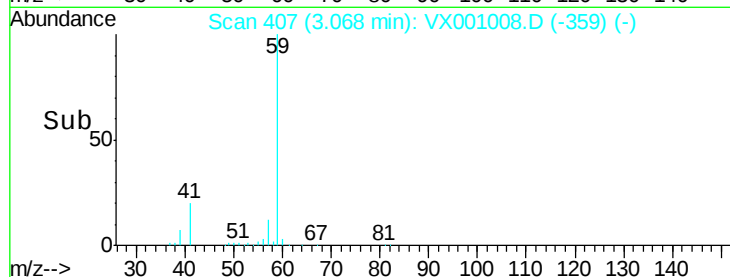
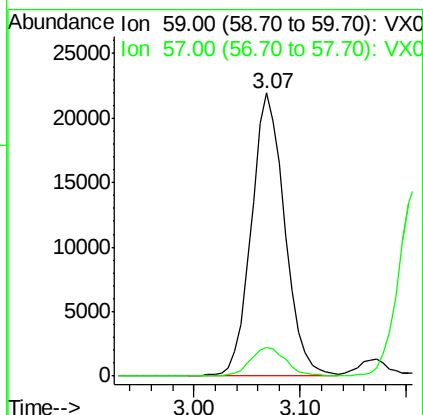
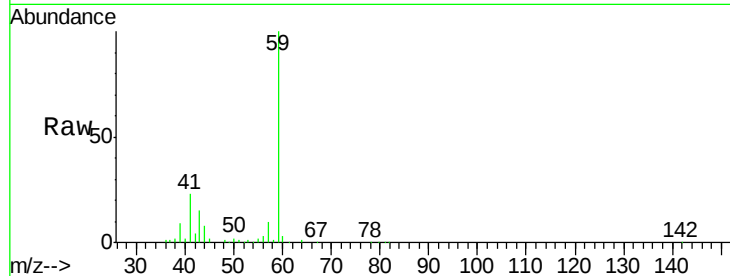




#11
Tert butyl alcohol
Concen: 51.19 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

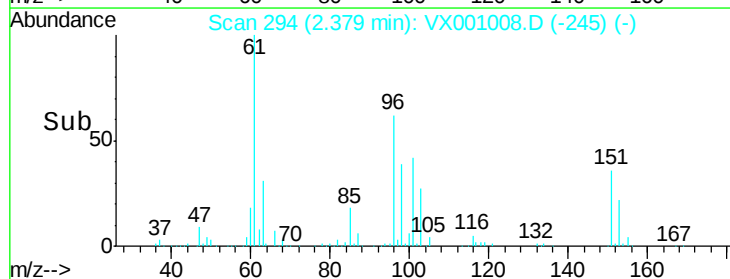
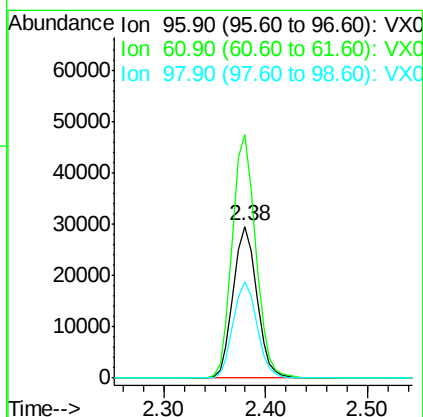
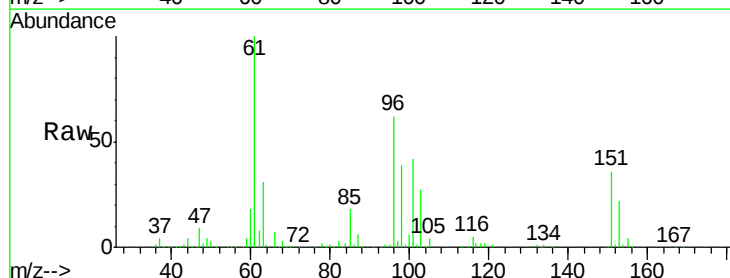
Instrument :
MSVOA_X
ClientSampled :

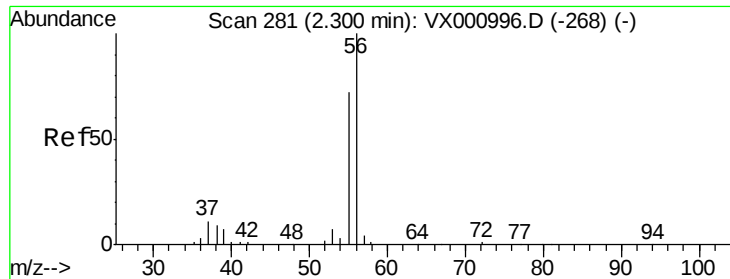
Tot Ion: 59 Resp: 48254
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 9.93 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 96 Resp: 47698
Ion Ratio Lower Upper
96 100
61 160.3 126.4 189.6
98 63.2 52.6 78.8





#13

Acrolein

Concen: 68.49 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

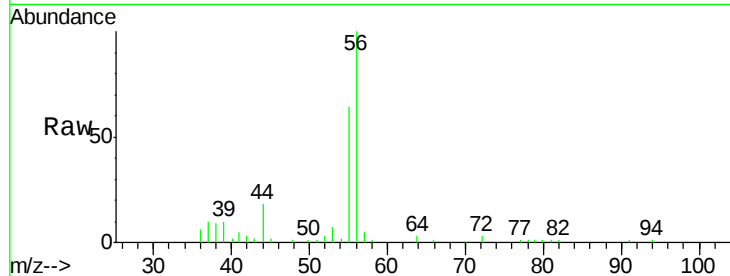
ClientSampleId :

Tot Ion: 56 Resp: 17676

Ion Ratio Lower Upper

56 100

55 67.8 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

12000

10000

8000

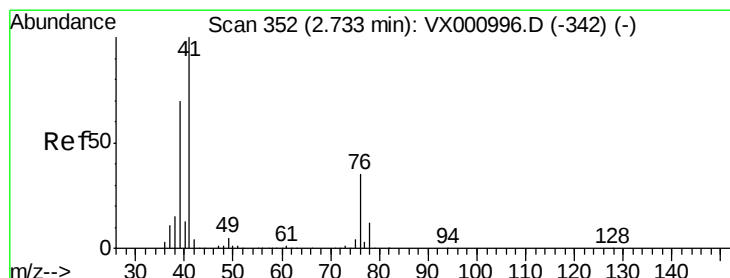
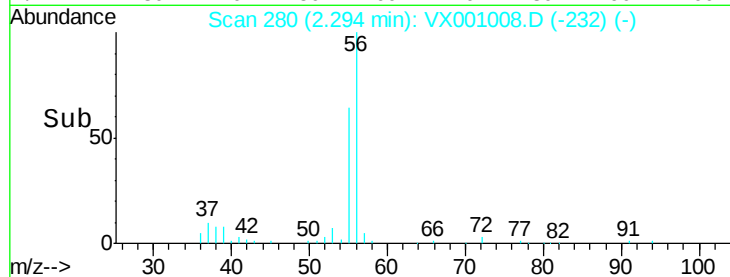
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 9.86 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

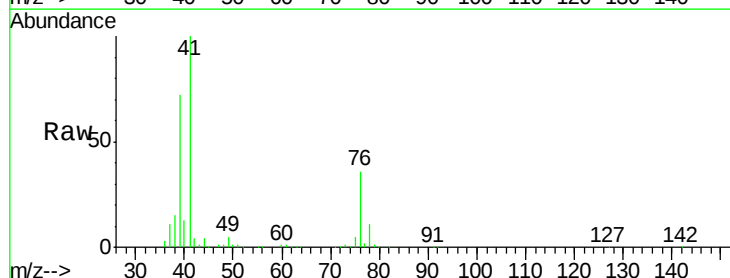
Tgt Ion: 41 Resp: 85746

Ion Ratio Lower Upper

41 100

39 66.4 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

100000

80000

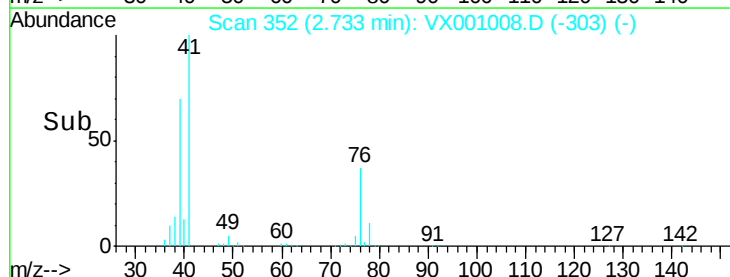
60000

40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 49.46 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

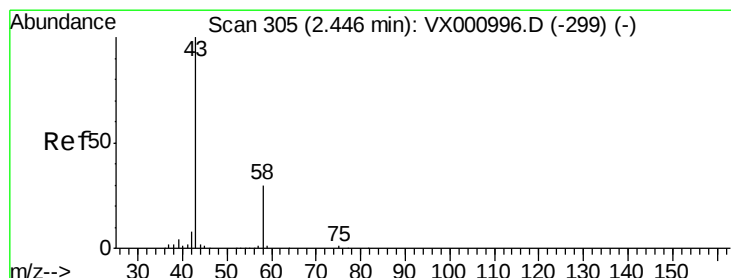
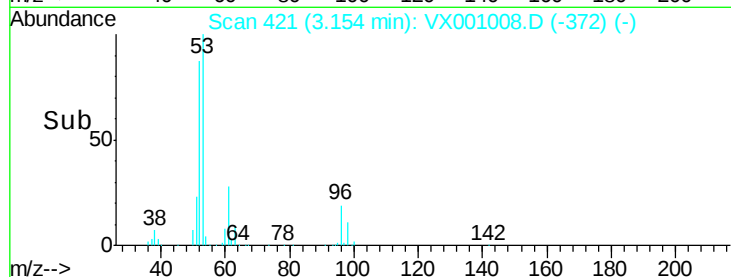
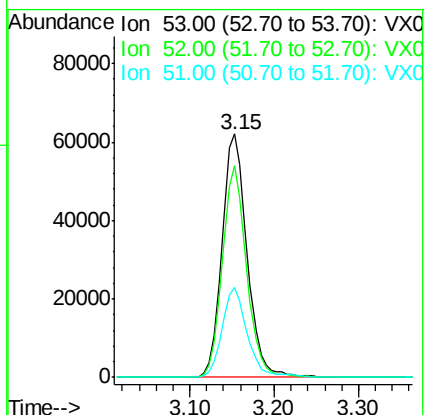
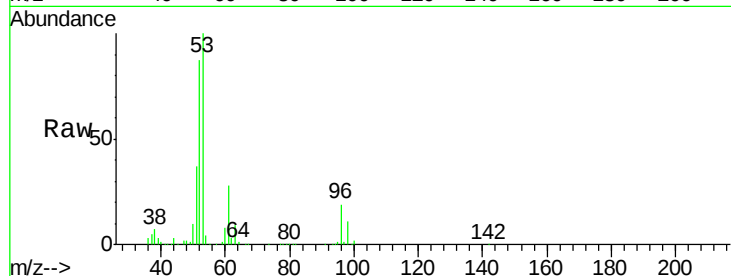
Tot Ion: 53 Resp: 126184

Ion Ratio Lower Upper

53 100

52 84.6 66.4 99.6

51 36.8 29.0 43.6



#16

Acetone

Concen: 51.08 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001008.D

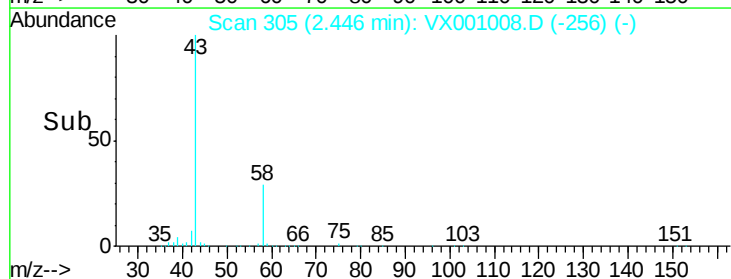
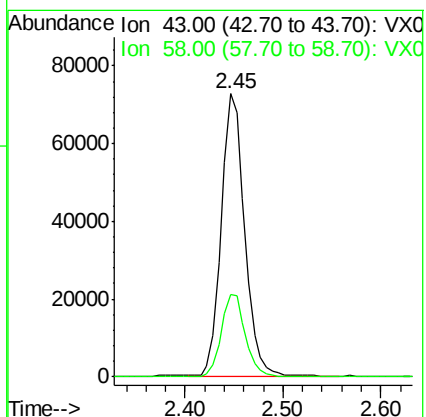
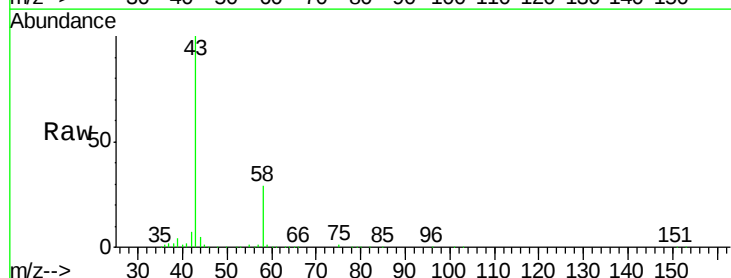
Acq: 20 Apr 2018 15:01

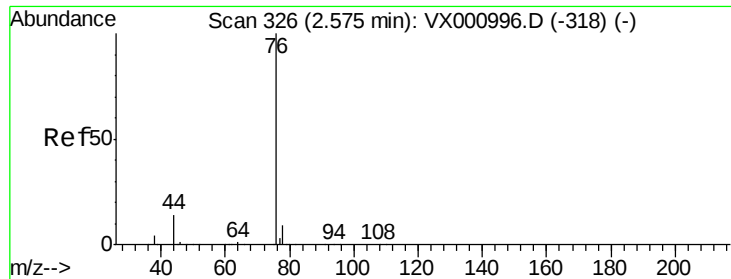
Tgt Ion: 43 Resp: 120236

Ion Ratio Lower Upper

43 100

58 29.3 23.7 35.5

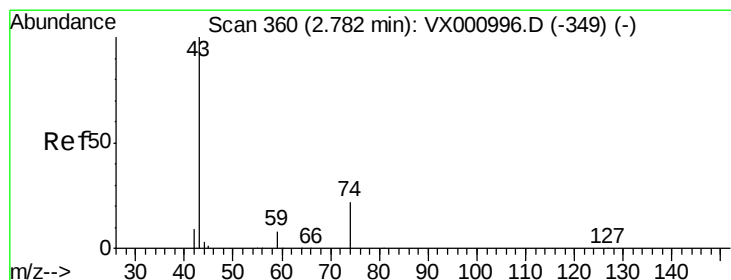
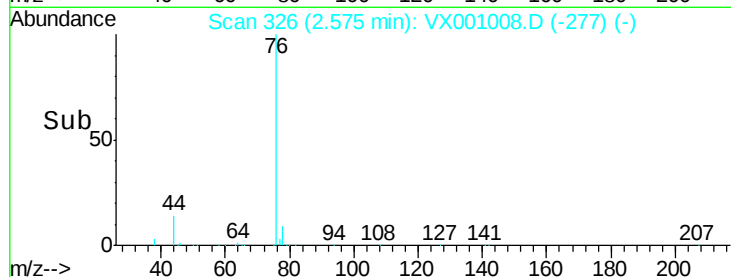
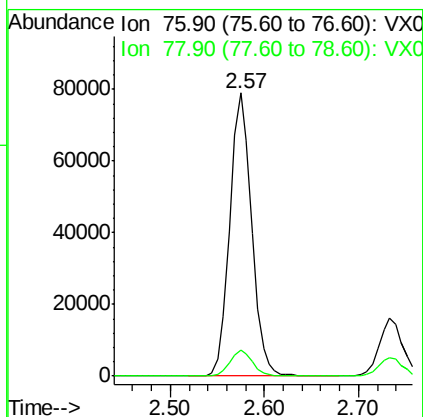
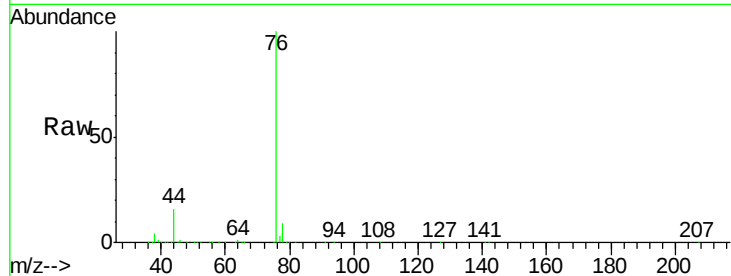




#17
Carbon Disulfide
Concen: 9.33 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

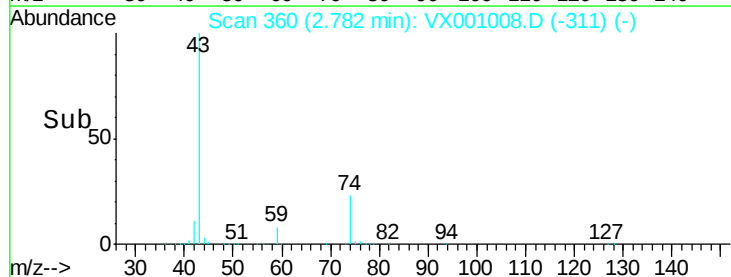
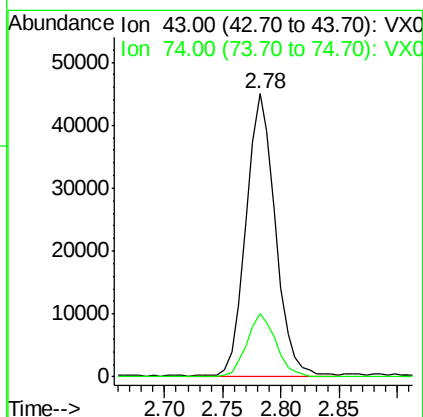
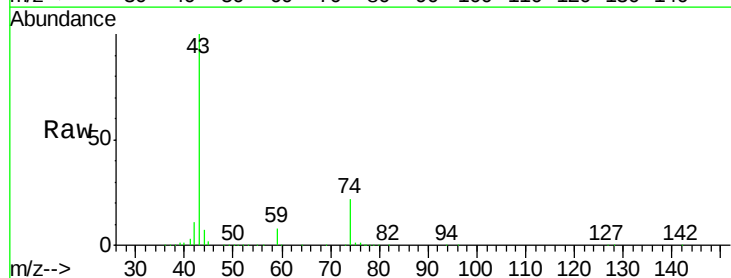
Instrument :
MSVOA_X
ClientSampleId :

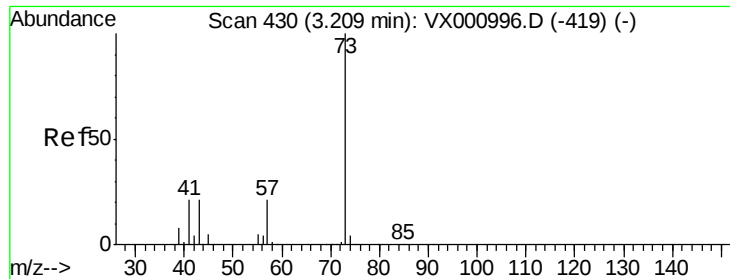
Tot Ion: 76 Resp: 127716
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 11.04 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 43 Resp: 78644
Ion Ratio Lower Upper
43 100
74 22.8 18.3 27.5

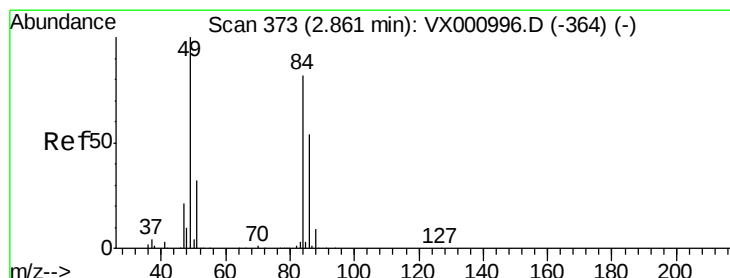
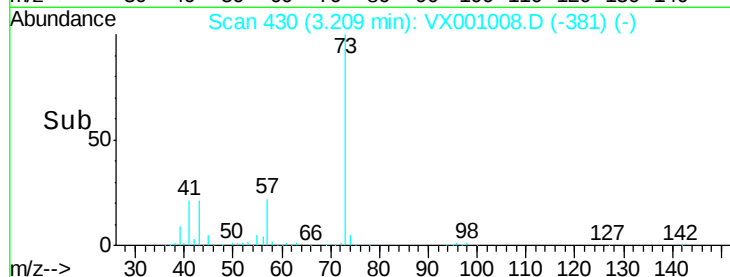
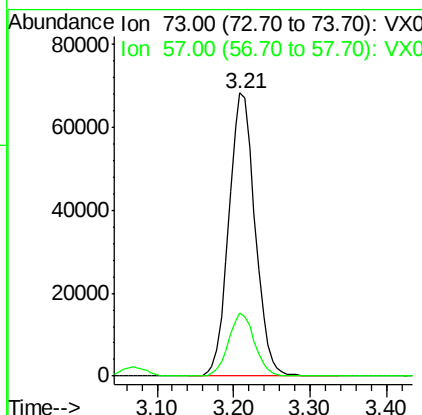
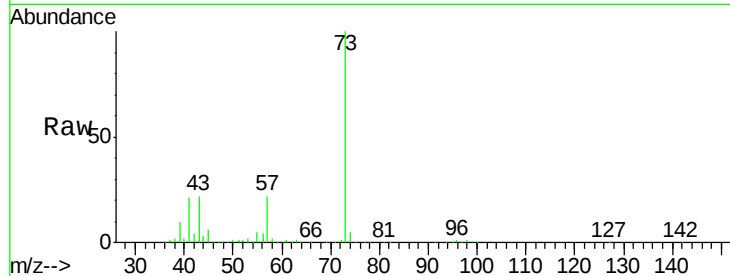




#19
Methyl tert-butyl Ether
Concen: 10.04 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

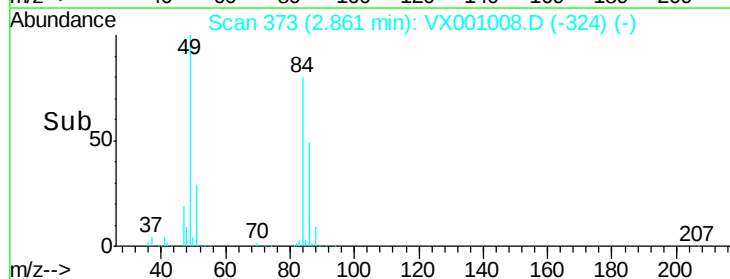
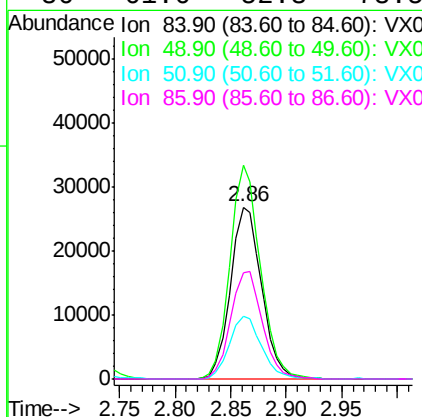
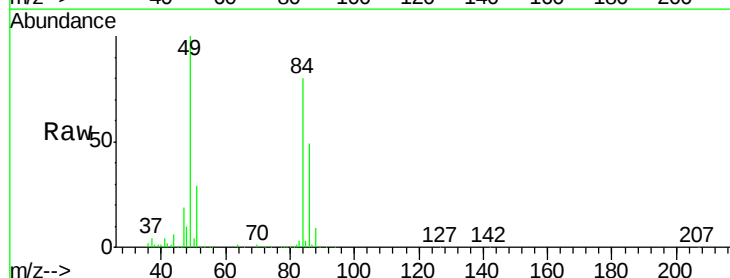
Instrument :
MSVOA_X
ClientSampleId :

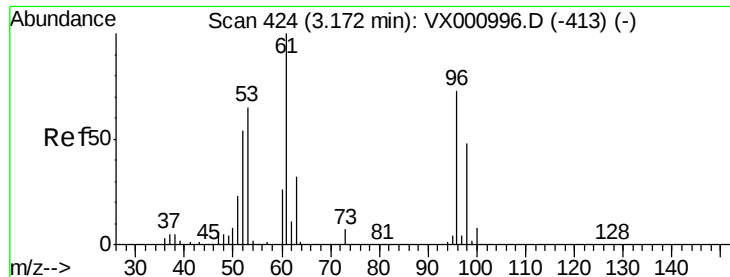
Tot Ion: 73 Resp: 162185
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#20
Methylene Chloride
Concen: 9.24 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 84 Resp: 52021
Ion Ratio Lower Upper
84 100
49 124.5 97.1 145.7
51 36.2 30.8 46.2
86 61.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 9.72 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

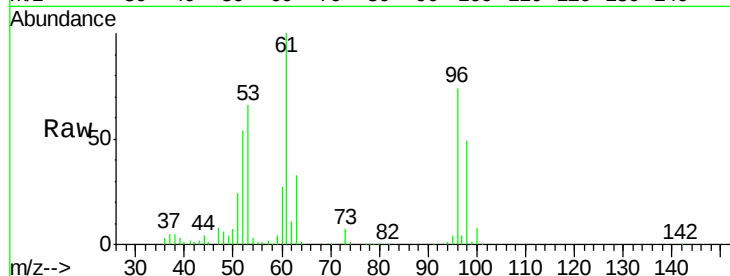
Tot Ion: 96 Resp: 51960

Ion Ratio Lower Upper

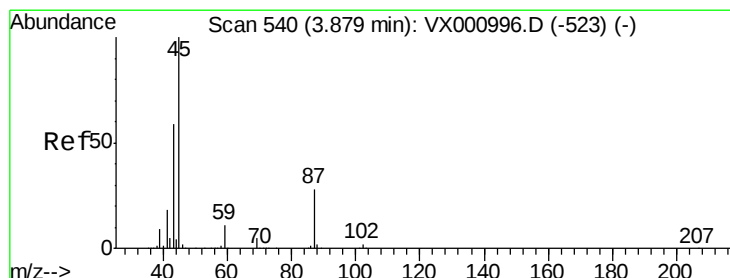
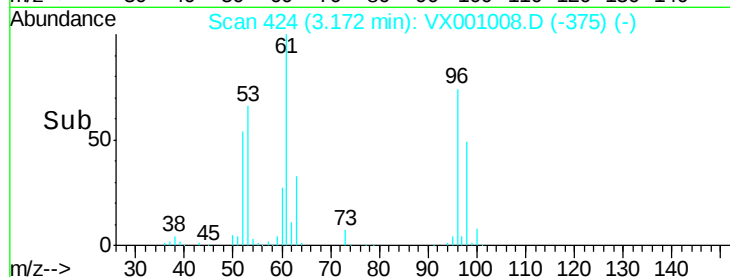
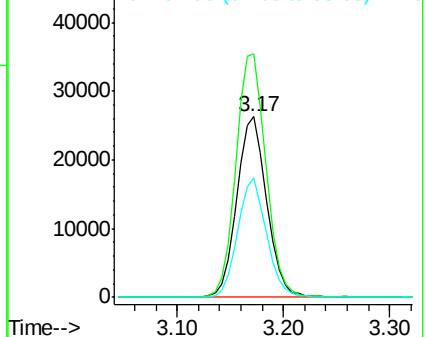
96 100

61 134.8 109.4 164.2

98 66.2 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: 10.16 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Tgt Ion: 45 Resp: 170980

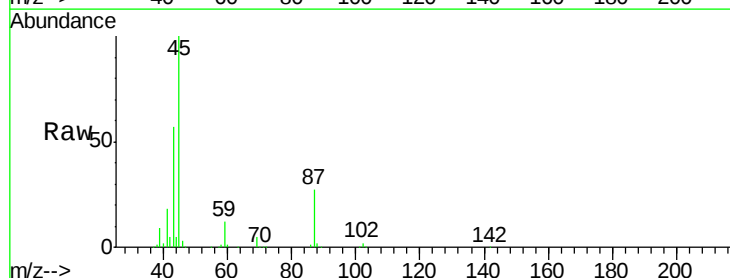
Ion Ratio Lower Upper

45 100

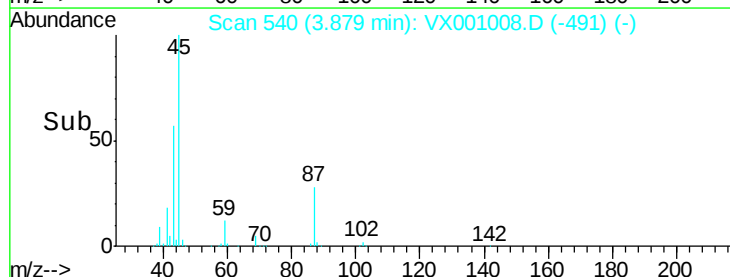
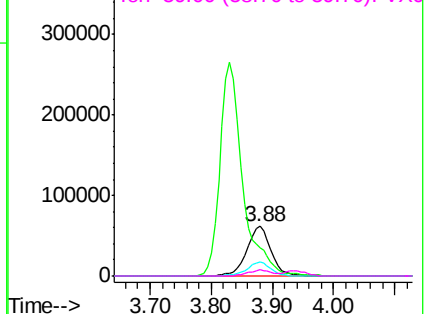
43 57.2 47.0 70.4

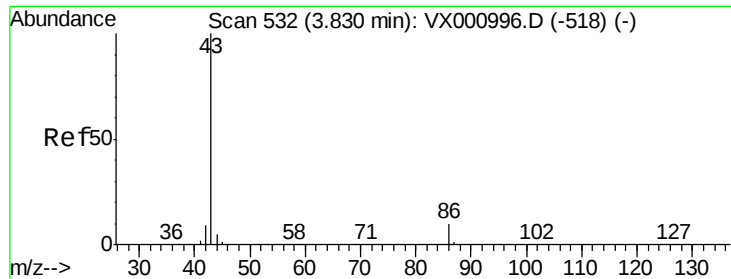
87 27.5 22.5 33.7

59 12.0 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

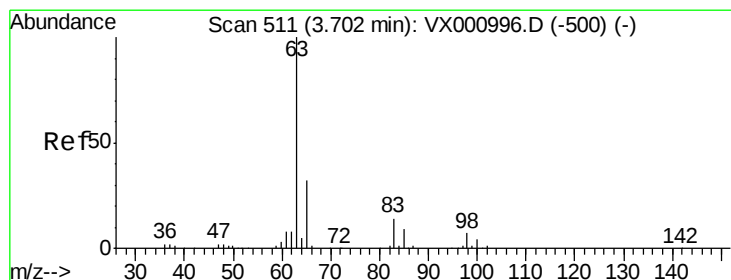
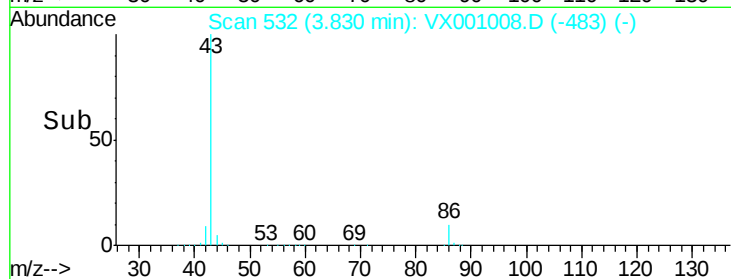
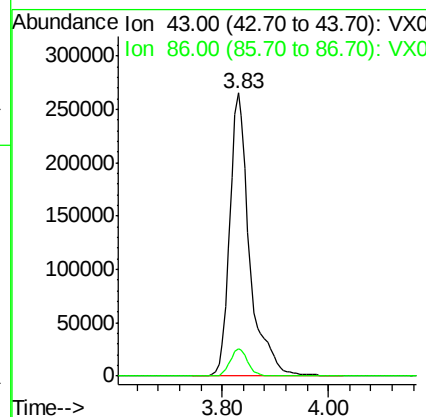
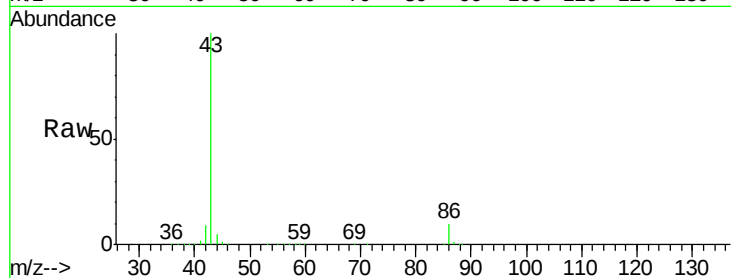




#23
 Vinyl Acetate
 Concen: 49.76 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

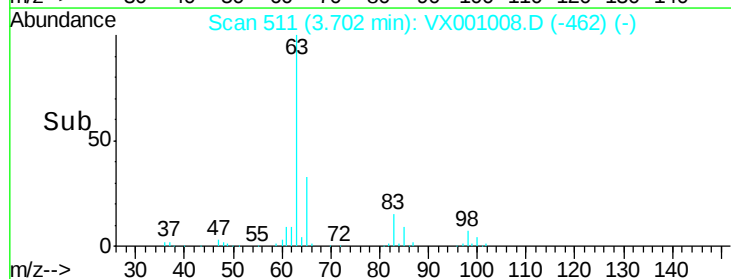
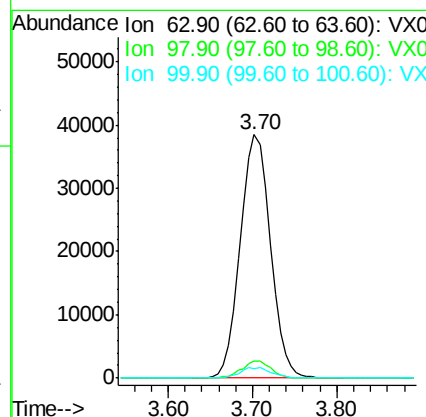
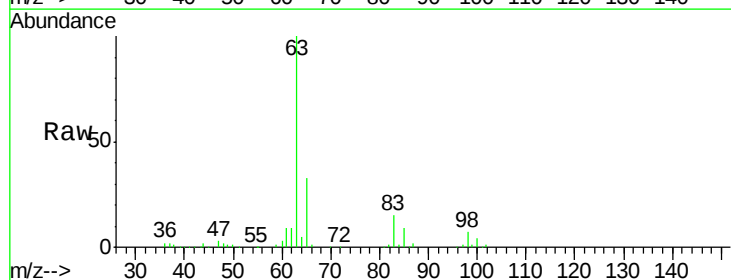
Instrument :
 MSVOA_X
 ClientSampleId :

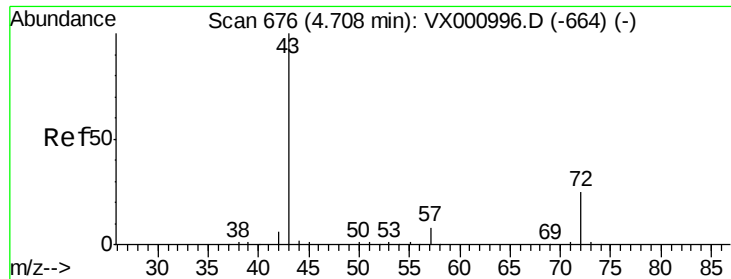
Tot Ion: 43 Resp: 693397
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 9.88 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion: 63 Resp: 93251
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 50.56 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

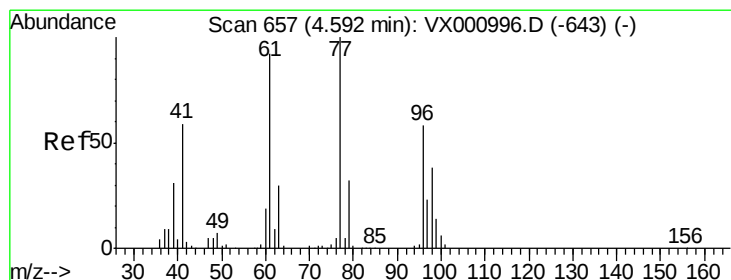
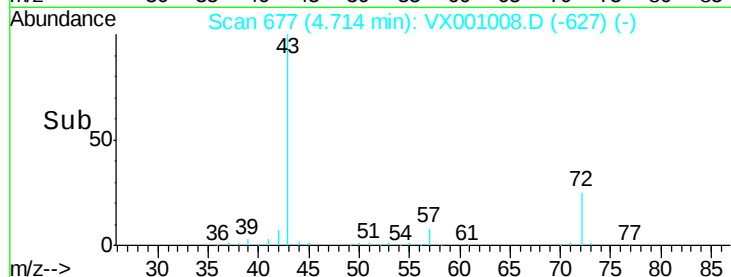
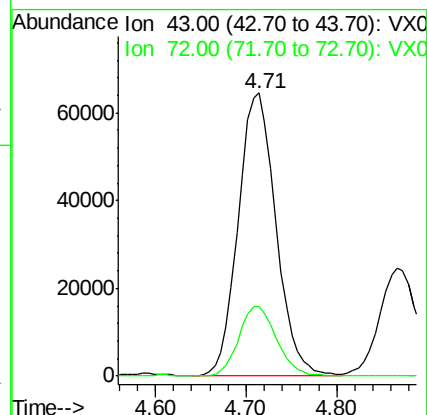
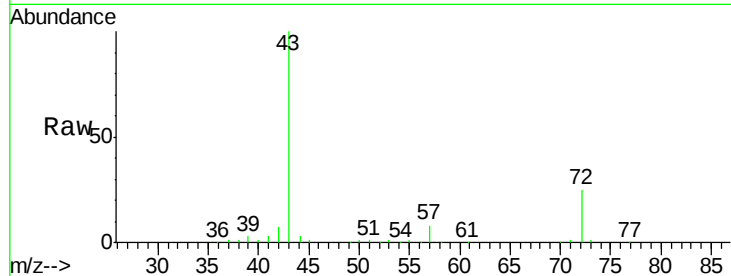
ClientSampleId :

Tot Ion: 43 Resp: 185783

Ion Ratio Lower Upper

43 100

72 24.6 19.9 29.9



#26

2,2-Dichloropropane

Concen: 9.85 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX001008.D

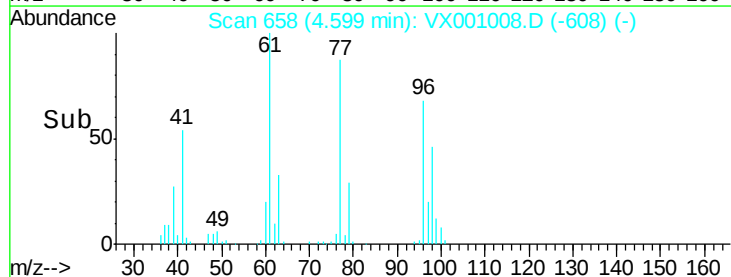
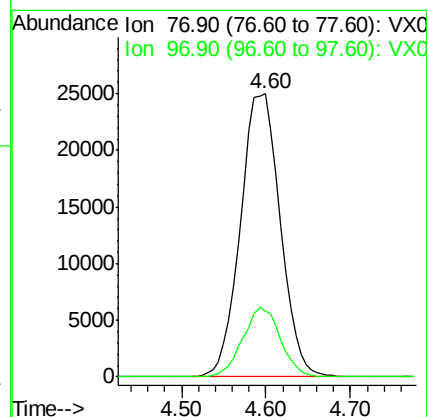
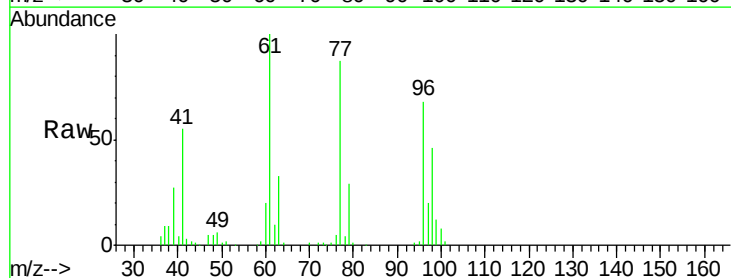
Acq: 20 Apr 2018 15:01

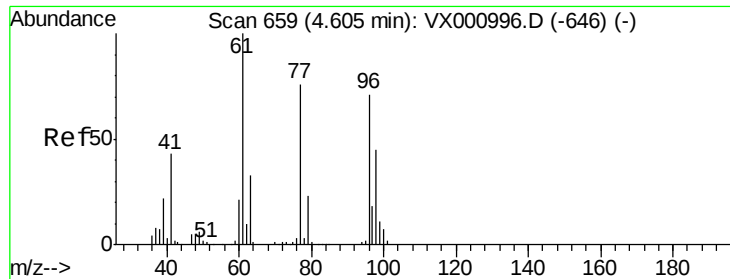
Tgt Ion: 77 Resp: 79987

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 10.02 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

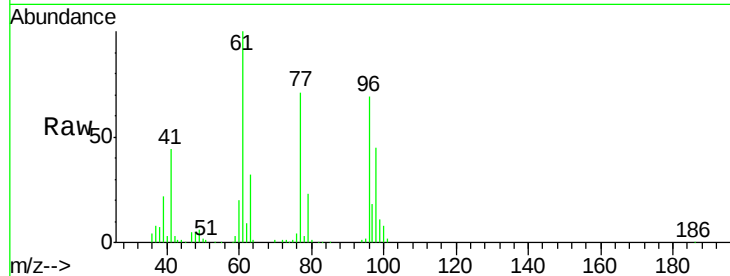
Tot Ion: 96 Resp: 59671

Ion Ratio Lower Upper

96 100

61 147.9 0.0 297.0

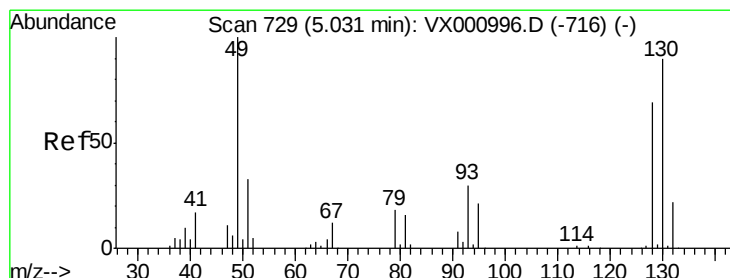
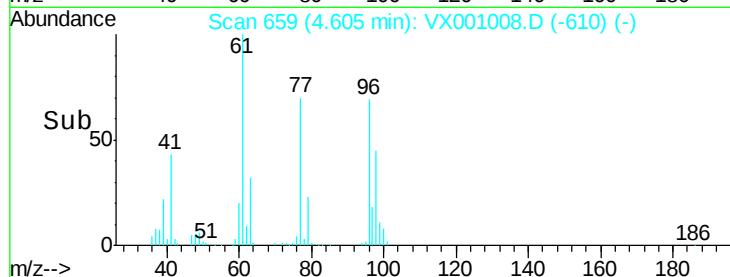
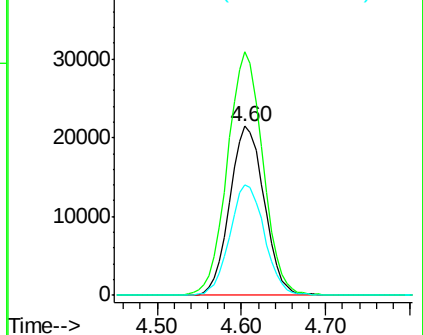
98 65.5 0.0 130.0



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: 10.09 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

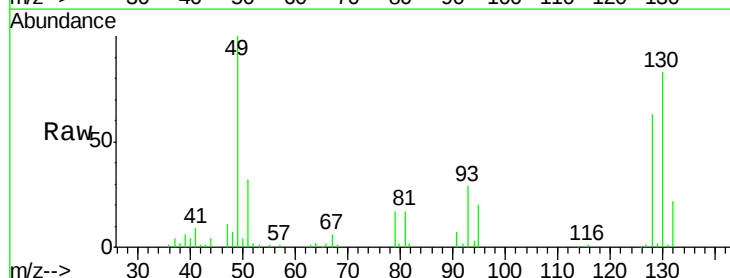
Tgt Ion: 49 Resp: 36629

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

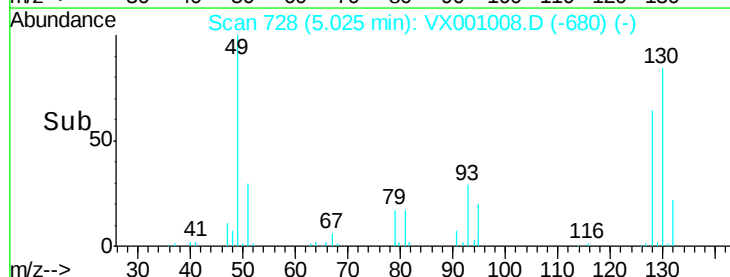
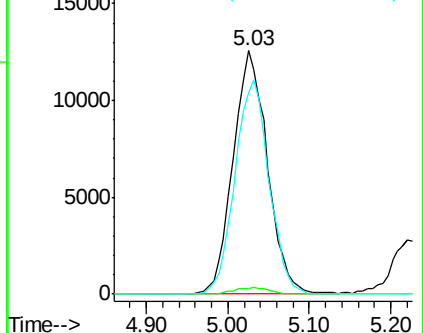
130 87.1 70.6 105.8

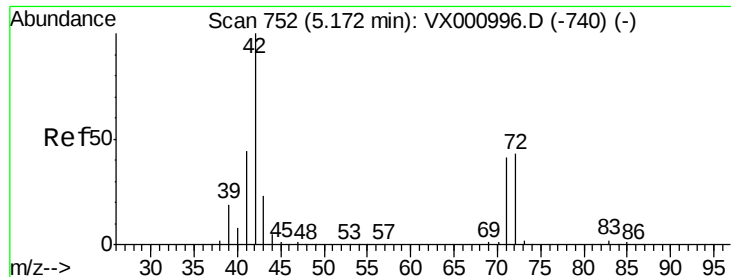


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

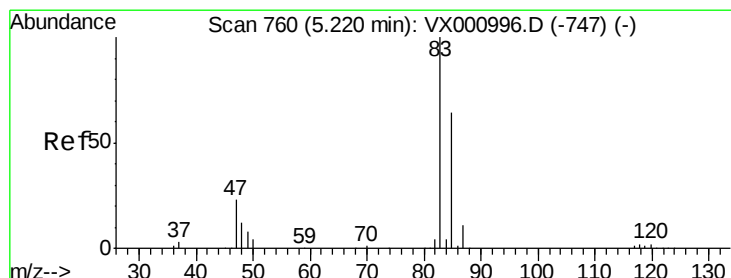
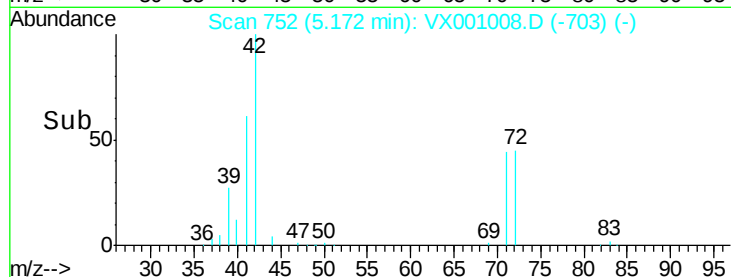
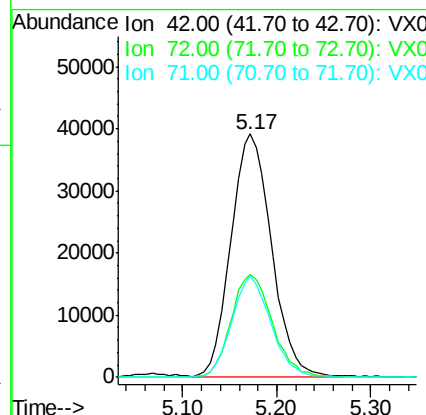
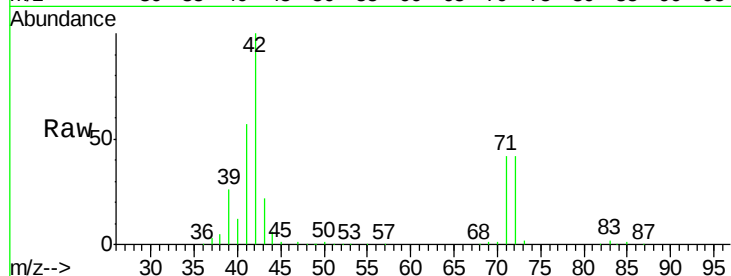




#29
Tetrahydrofuran
Concen: 50.21 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

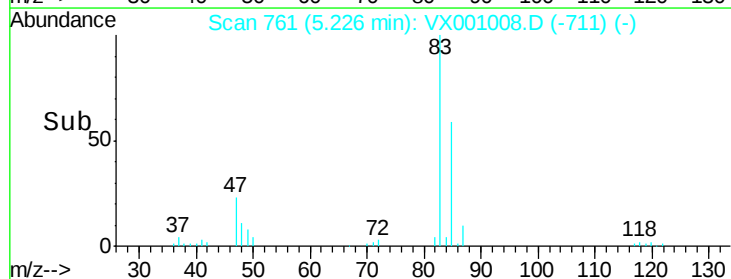
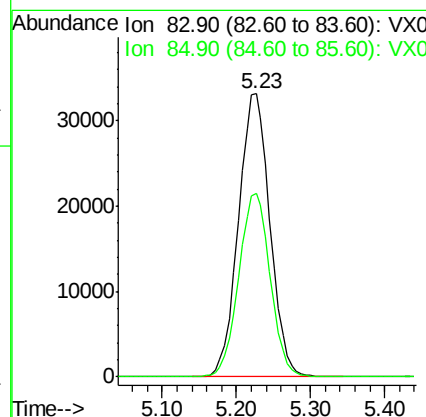
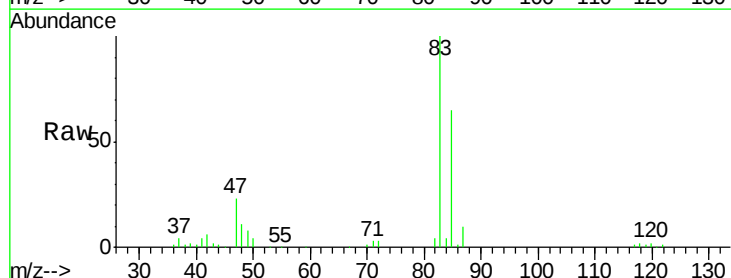
Instrument :
MSVOA_X
ClientSampled :

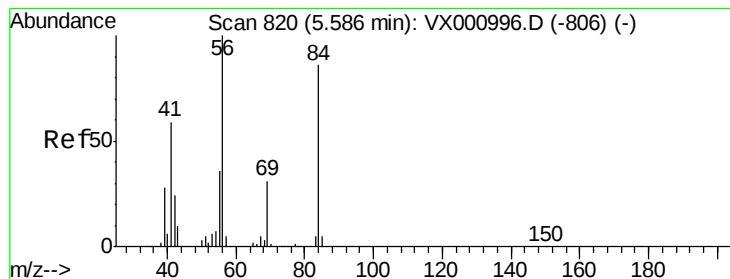
Tot Ion: 42 Resp: 116587
Ion Ratio Lower Upper
42 100
72 43.5 34.6 52.0
71 40.8 32.6 49.0



#30
Chloroform
Concen: 10.06 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 83 Resp: 98398
Ion Ratio Lower Upper
83 100
85 65.1 51.3 76.9





#31

Cyclohexane

Concen: 9.75 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

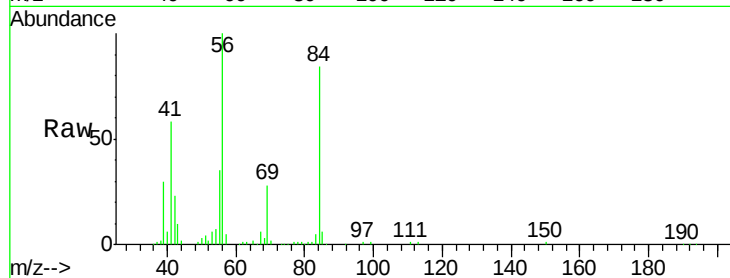
Tot Ion: 56 Resp: 85890

Ion Ratio Lower Upper

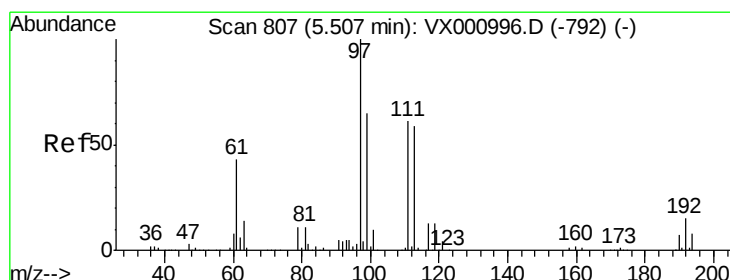
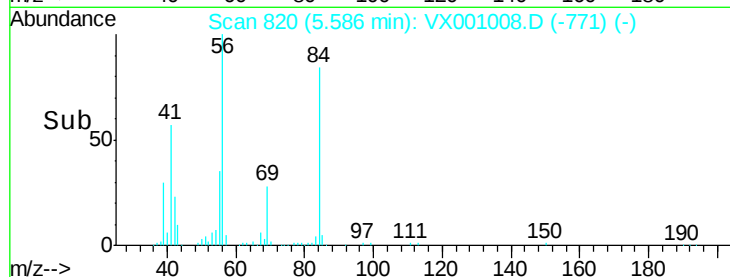
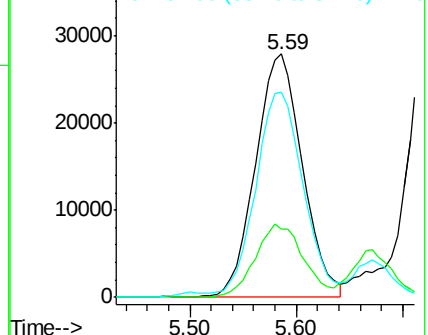
56 100

69 28.1 24.6 36.8

84 82.0 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 10.09 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

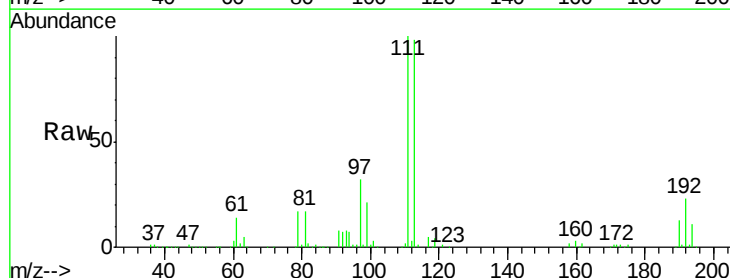
Tgt Ion: 97 Resp: 88489

Ion Ratio Lower Upper

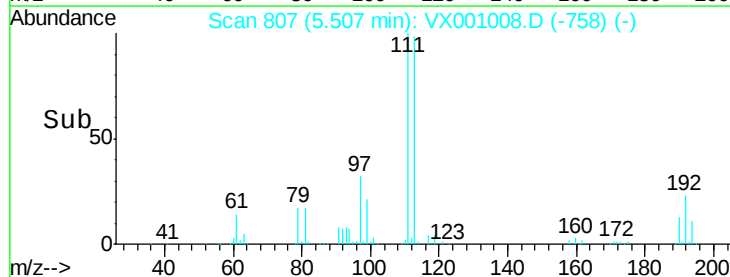
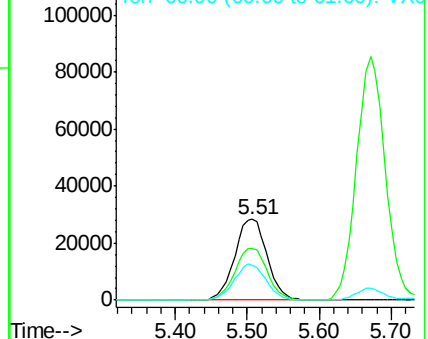
97 100

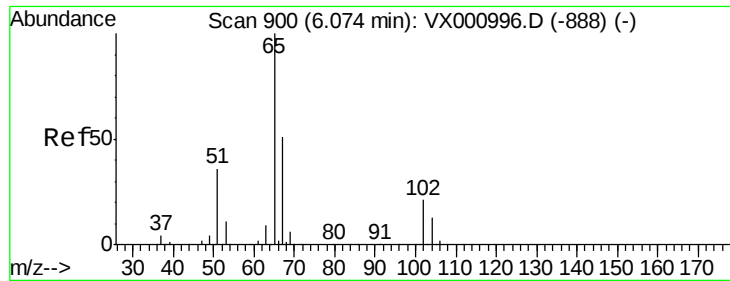
99 64.0 51.1 76.7

61 44.1 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.21 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

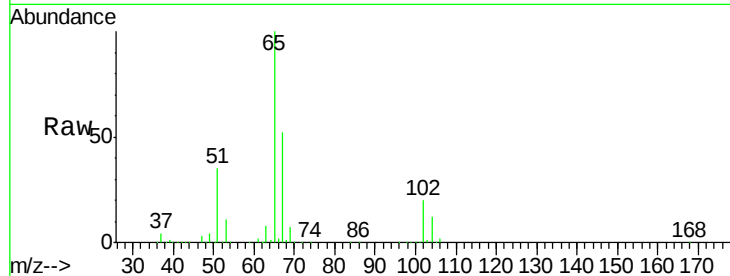
ClientSampled :

Tot Ion: 65 Resp: 301349

Ion Ratio Lower Upper

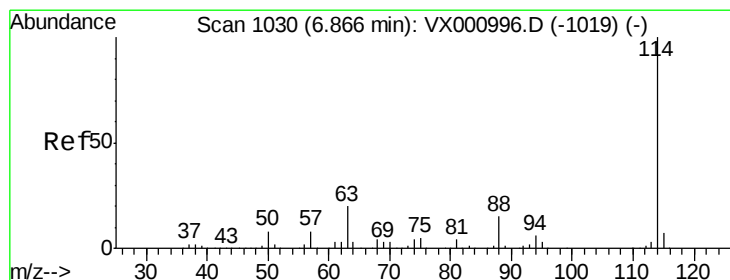
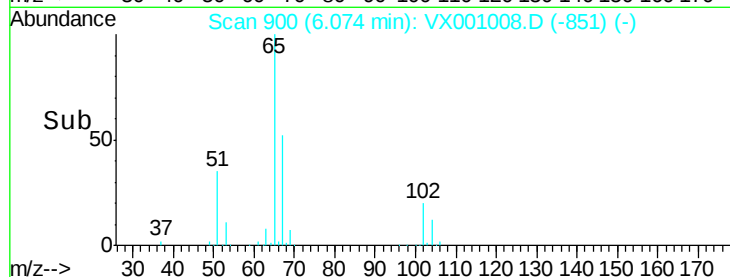
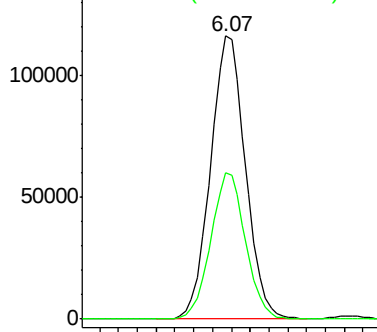
65 100

67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

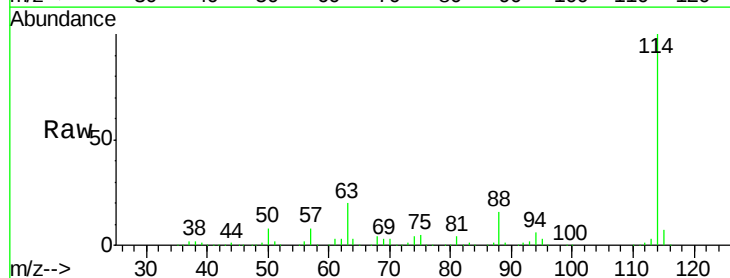
Tgt Ion: 114 Resp: 680928

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

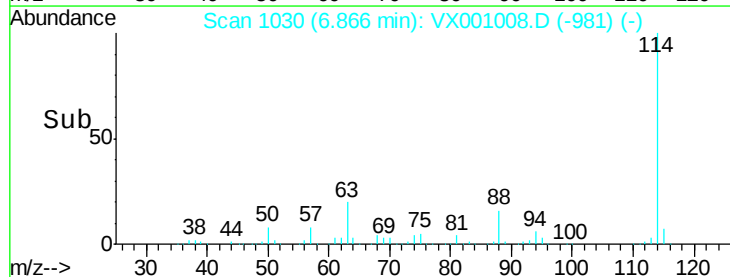
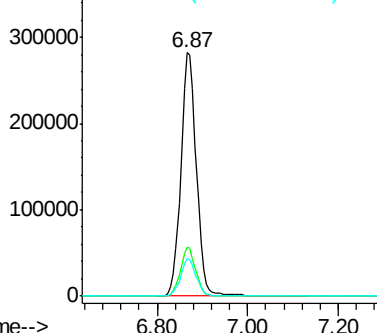
88 15.6 0.0 29.8

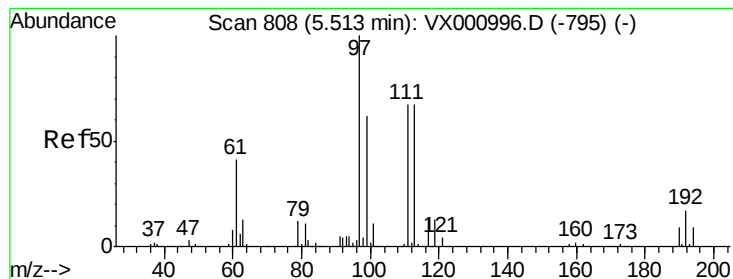


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.57 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

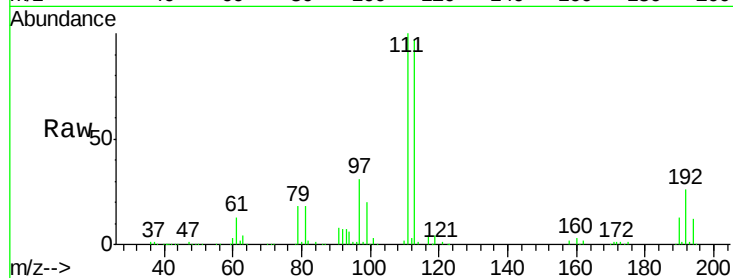
Tot Ion:113 Resp: 247014

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.2

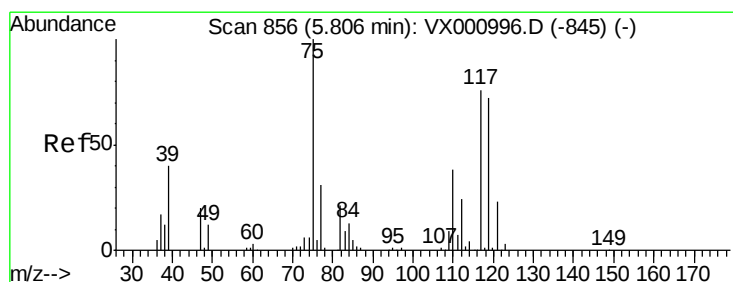
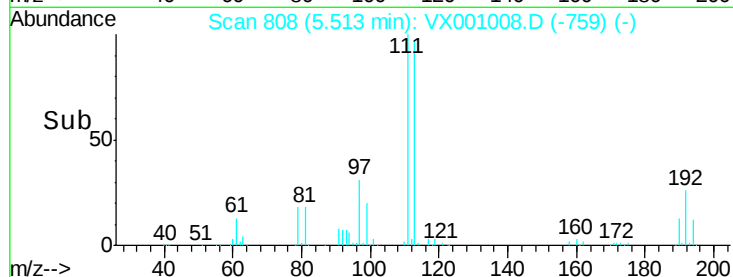
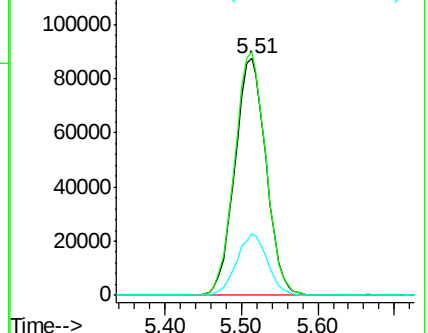
192 25.8 20.4 30.6



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: 9.42 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

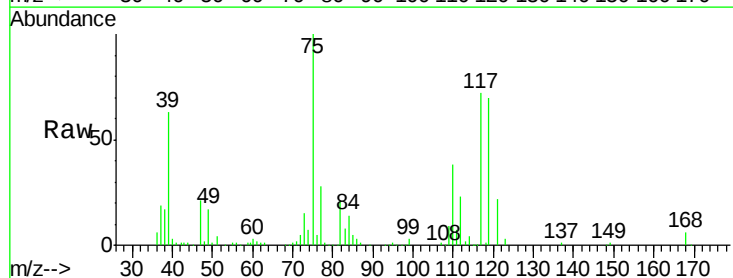
Tgt Ion: 75 Resp: 75409

Ion Ratio Lower Upper

75 100

110 37.7 18.7 56.1

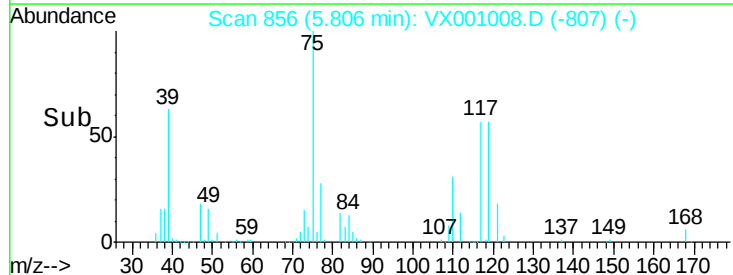
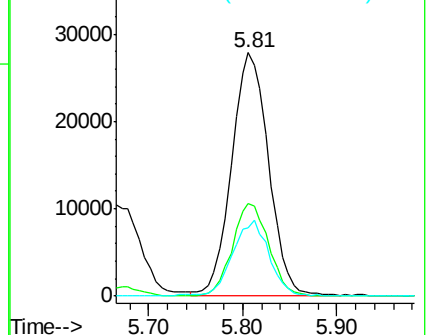
77 30.9 25.0 37.4

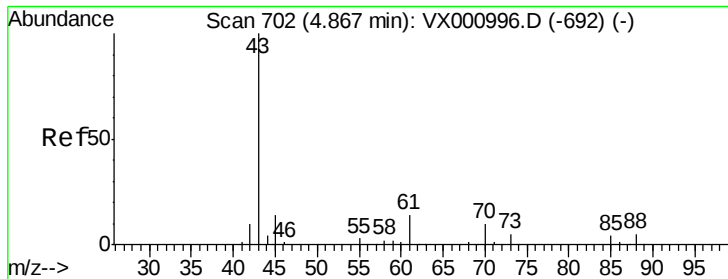


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

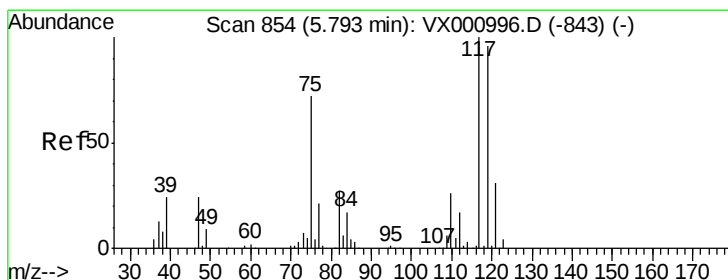
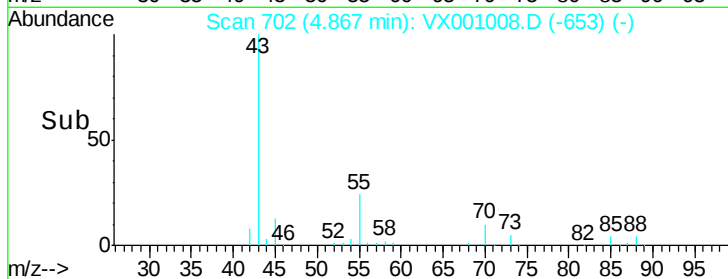
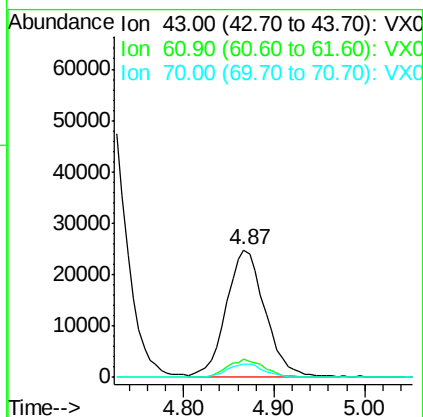
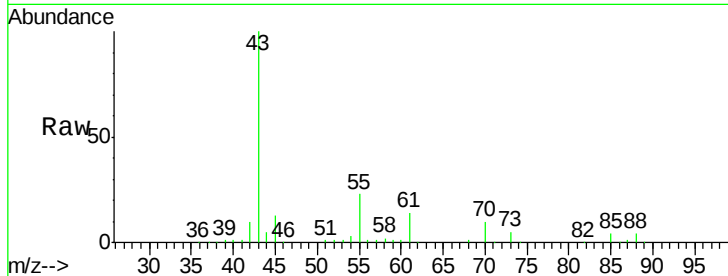




#37
Ethyl Acetate
Concen: 9.86 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

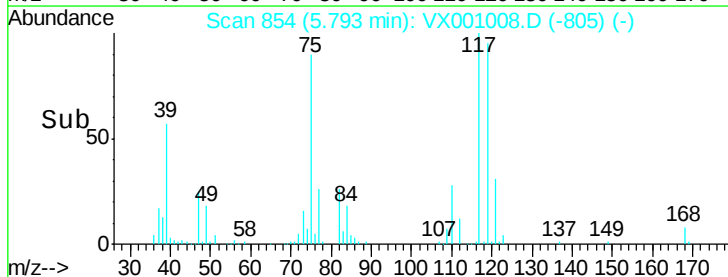
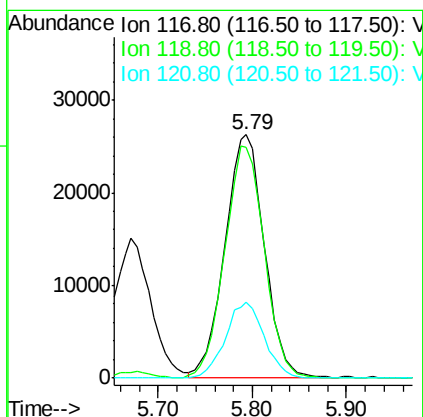
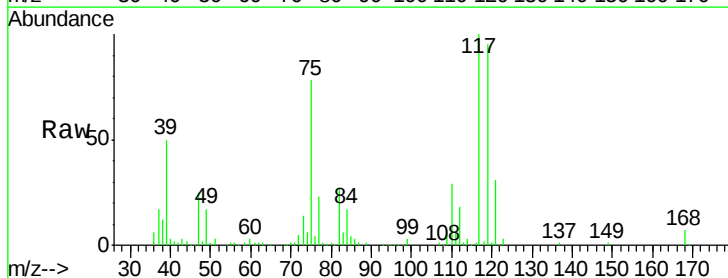
Instrument :
MSVOA_X
ClientSampled :

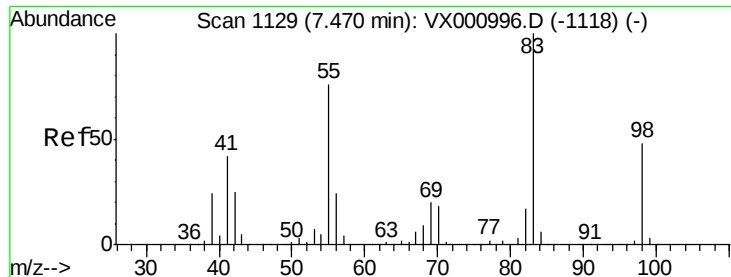
Tot Ion: 43 Resp: 72370
Ion Ratio Lower Upper
43 100
61 13.8 10.7 16.1
70 10.5 8.3 12.5



#38
Carbon Tetrachloride
Concen: 9.40 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 117 Resp: 76180
Ion Ratio Lower Upper
117 100
119 95.0 76.5 114.7
121 31.1 24.5 36.7

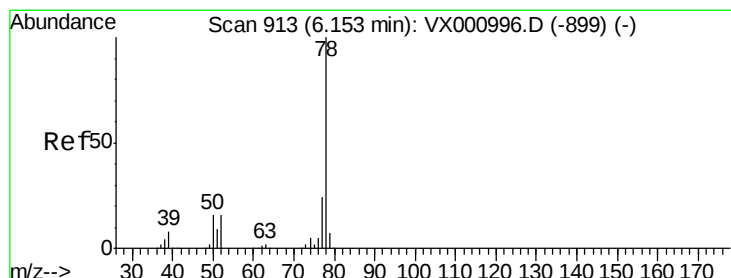
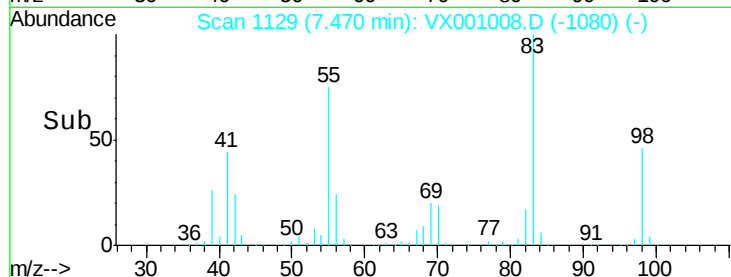
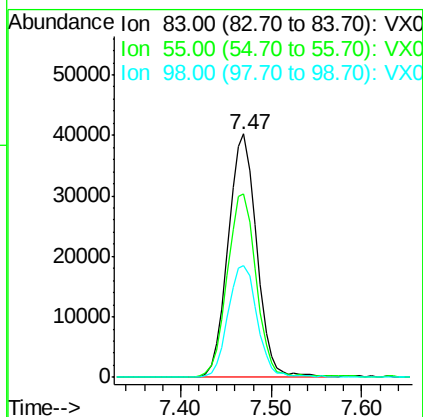
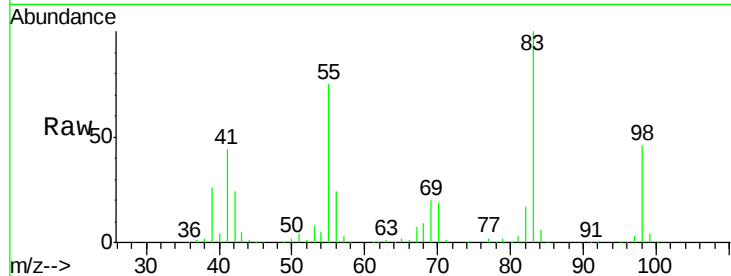




#39
Methvlcvclohexane
Concen: 9.48 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

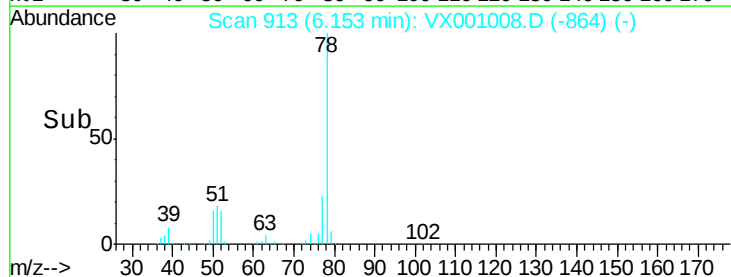
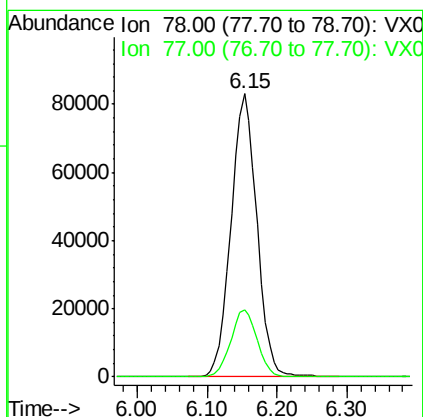
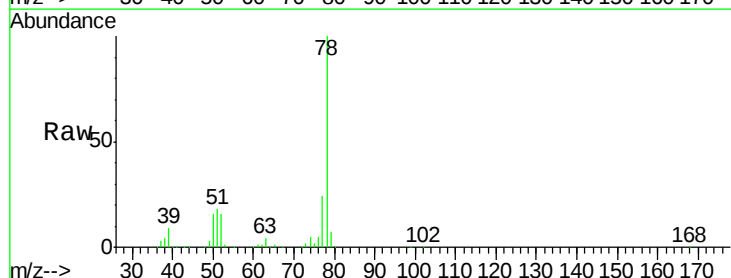
Instrument :
MSVOA_X
ClientSampled :

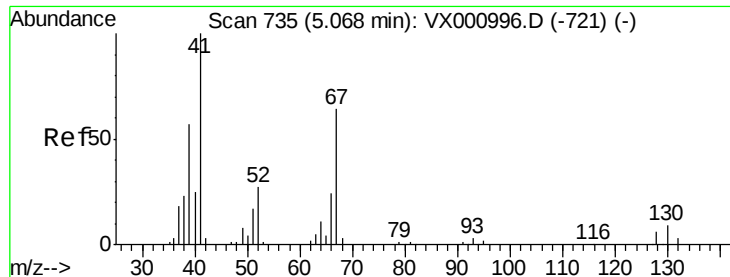
Tot Ion: 83 Resp: 88312
Ion Ratio Lower Upper
83 100
55 75.0 60.6 91.0
98 46.0 38.2 57.4



#40
Benzene
Concen: 9.61 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 78 Resp: 213865
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

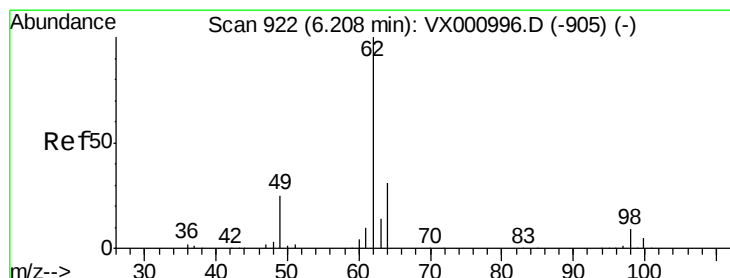
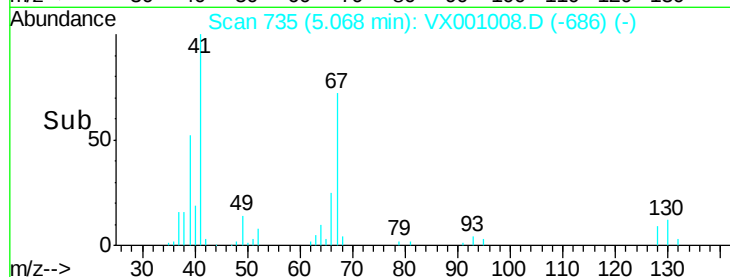
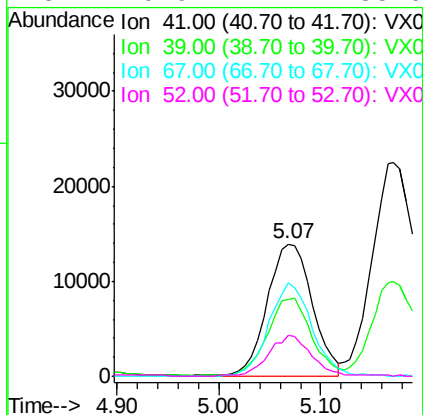
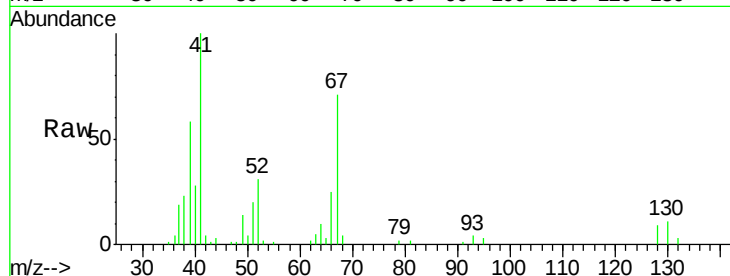




#41
Methacrylonitrile
Concen: 9.25 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

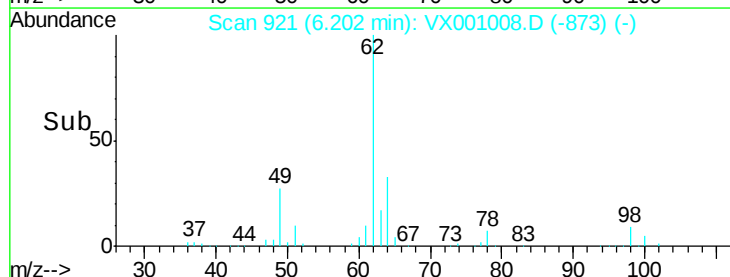
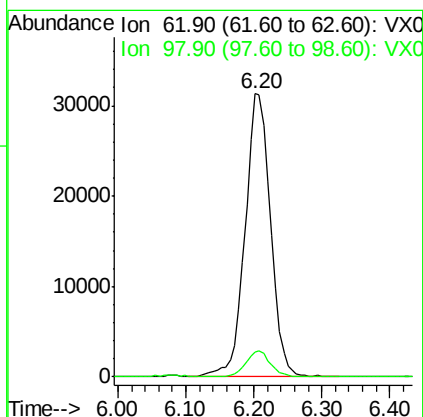
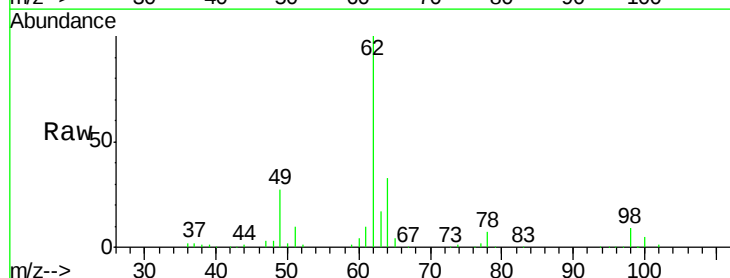
Instrument :
MSVOA_X
ClientSampled :

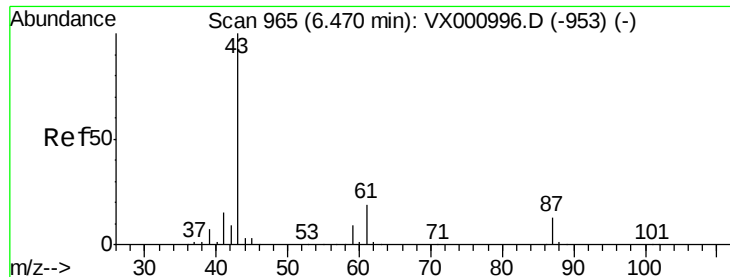
Tot Ion:	41	Resp:	42397
Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.2	67.8
67	68.1	53.8	80.8
52	29.9	22.4	33.6



#42
1,2-Dichloroethane
Concen: 9.58 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion:	62	Resp:	81845
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.6





#43

Isopropyl Acetate

Concen: 9.62 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampled :

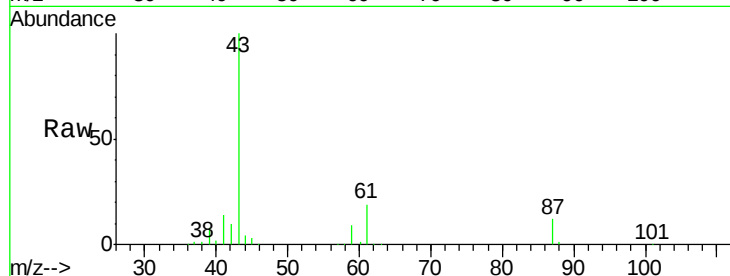
Tot Ion: 43 Resp: 121166

Ion Ratio Lower Upper

43 100

61 19.1 15.4 23.2

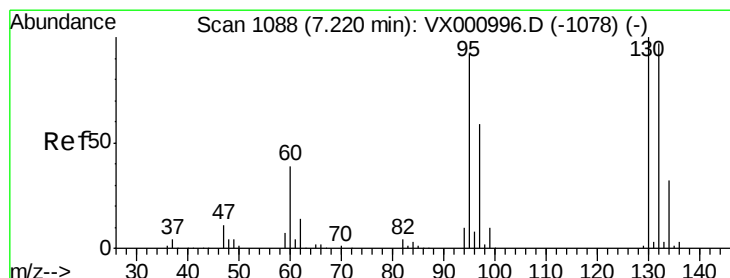
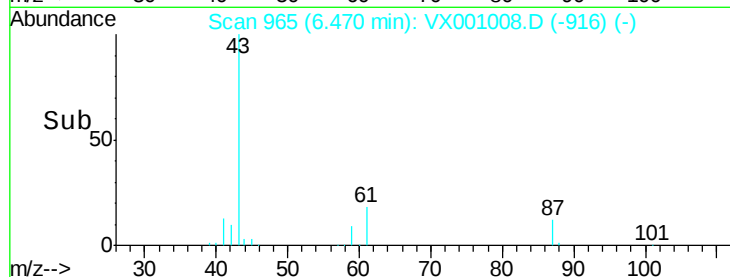
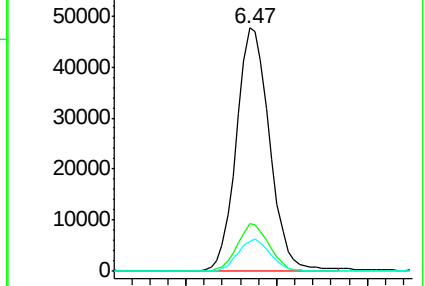
87 13.0 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX000996.D (-953) (-)

Ion 61.00 (60.70 to 61.70): VX000996.D (-953) (-)

Ion 87.00 (86.70 to 87.70): VX000996.D (-953) (-)



#44

Trichloroethene

Concen: 9.56 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001008.D

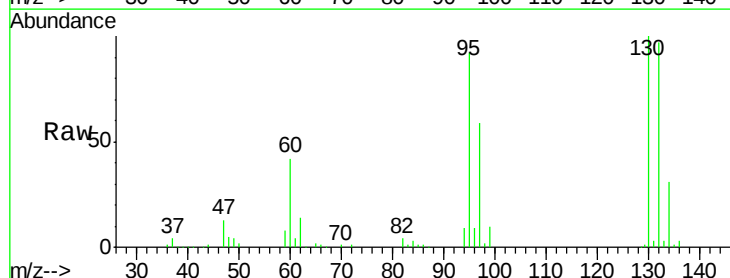
Acq: 20 Apr 2018 15:01

Tgt Ion:130 Resp: 64994

Ion Ratio Lower Upper

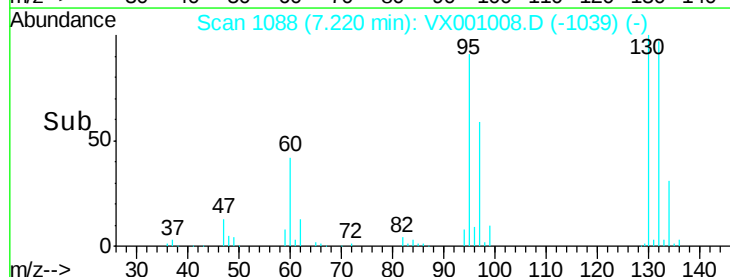
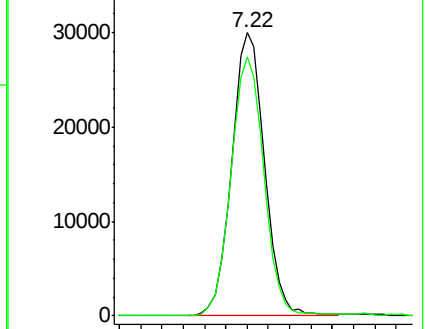
130 100

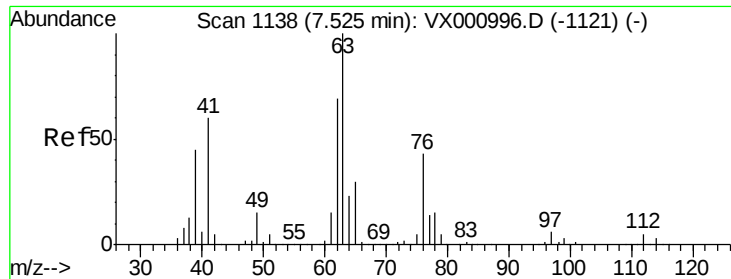
95 91.5 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VX000996.D (-1078) (-)

Ion 94.90 (94.60 to 95.60): VX000996.D (-1078) (-)





#45

1,2-Dichloropropane

Concen: 10.00 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

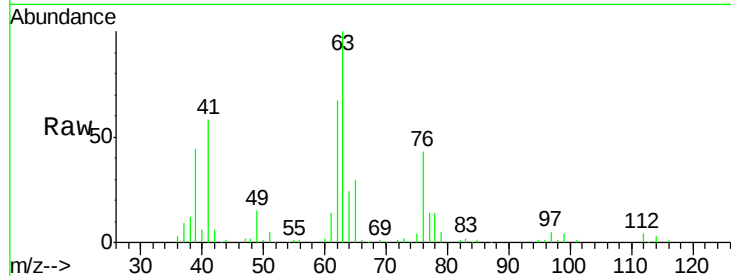
ClientSampleId :

Tot Ion: 63 Resp: 55964

Ion Ratio Lower Upper

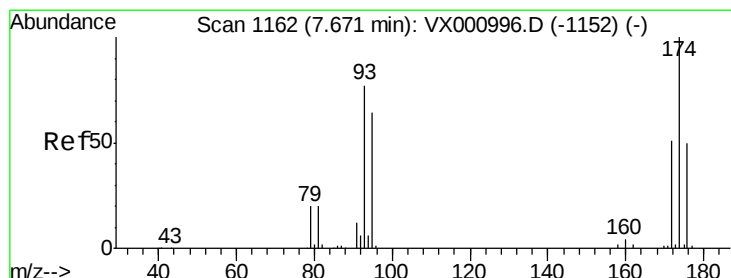
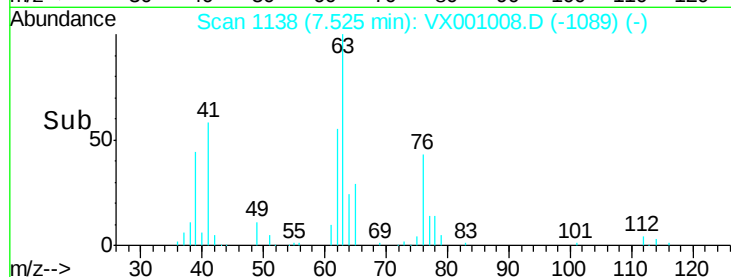
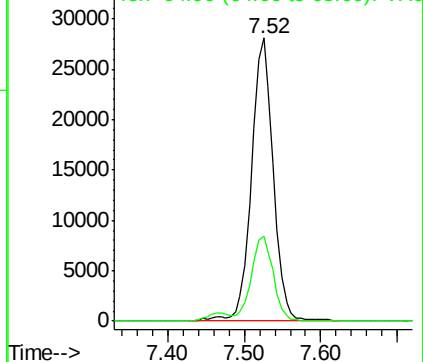
63 100

65 29.9 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 9.52 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

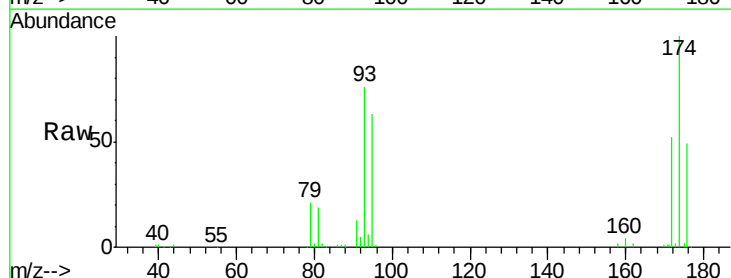
Tgt Ion: 93 Resp: 37220

Ion Ratio Lower Upper

93 100

95 83.7 66.7 100.1

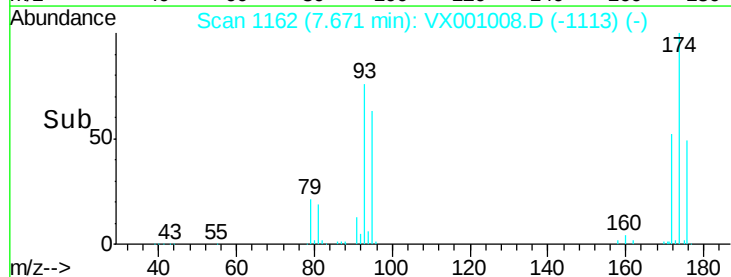
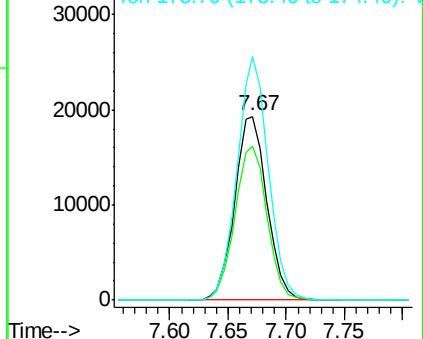
174 128.3 101.8 152.6

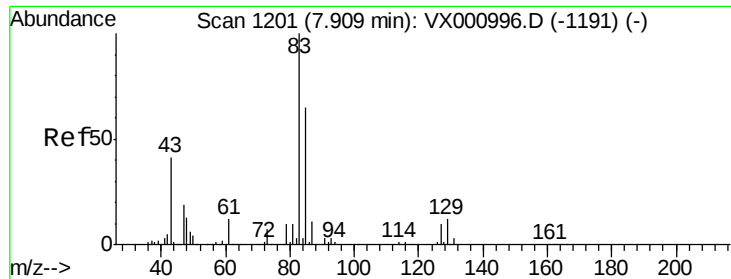


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

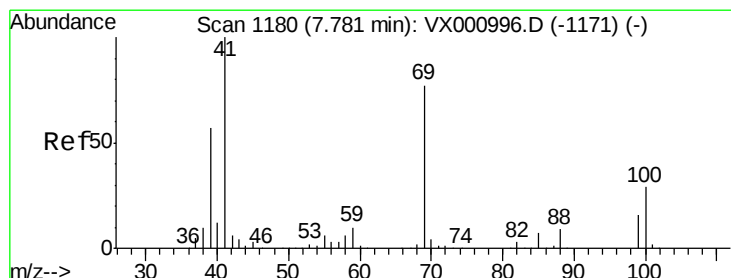
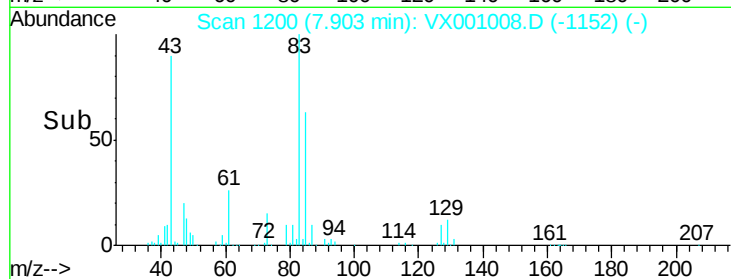
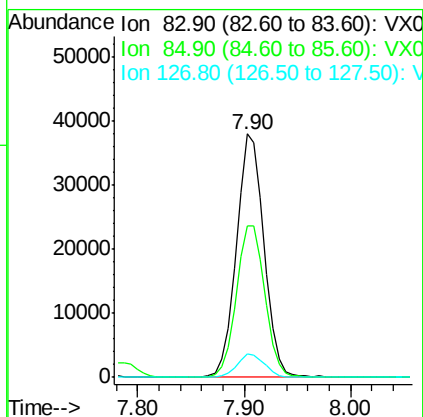
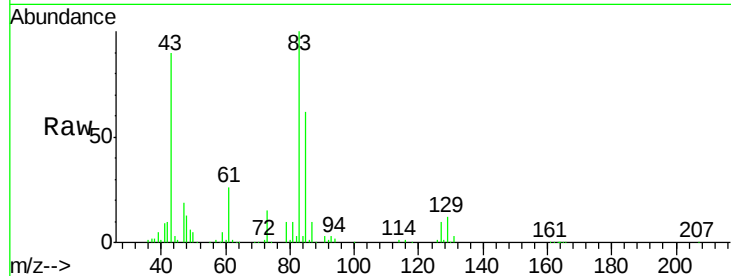




#47
 Bromodichloromethane
 Concen: 9.53 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

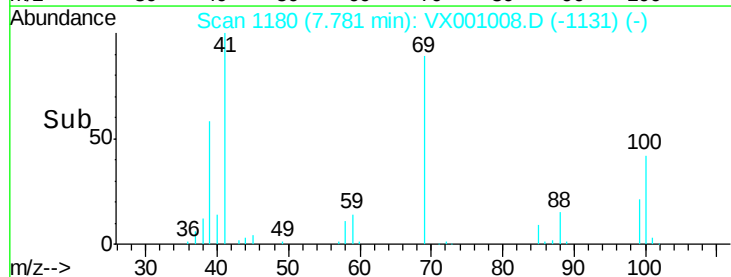
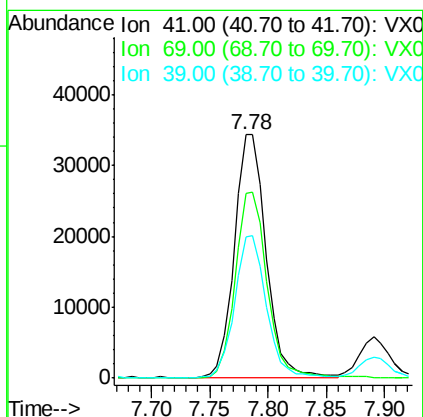
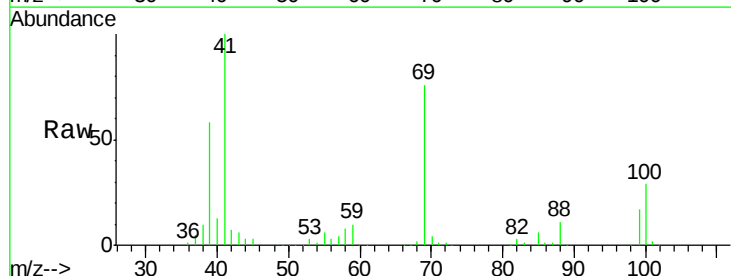
Instrument :
 MSVOA_X
 ClientSampleId :

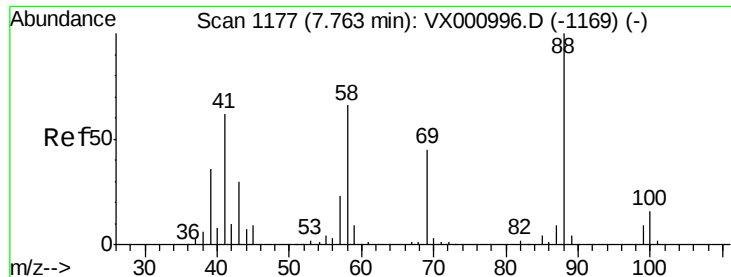
Tot Ion: 83 Resp: 68966
 Ion Ratio Lower Upper
 83 100
 85 62.5 52.3 78.5
 127 9.7 7.8 11.6



#48
 Methyl methacrylate
 Concen: 9.62 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion: 41 Resp: 65226
 Ion Ratio Lower Upper
 41 100
 69 77.5 62.6 94.0
 39 58.1 45.3 67.9

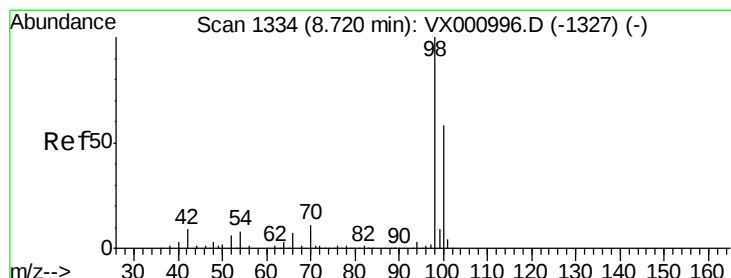
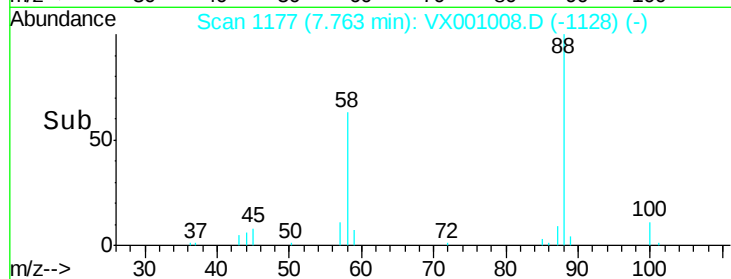
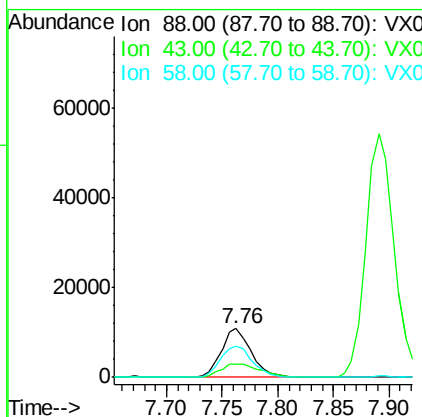
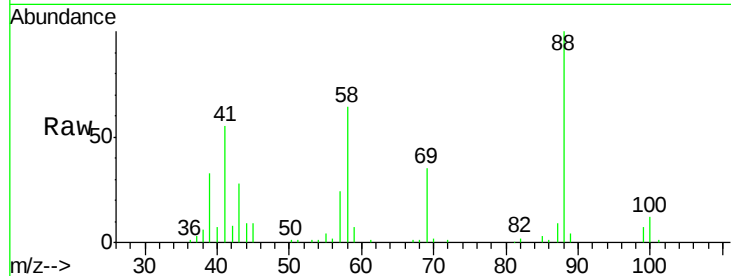




#49
 1,4-Dioxane
 Concen: 201.26 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

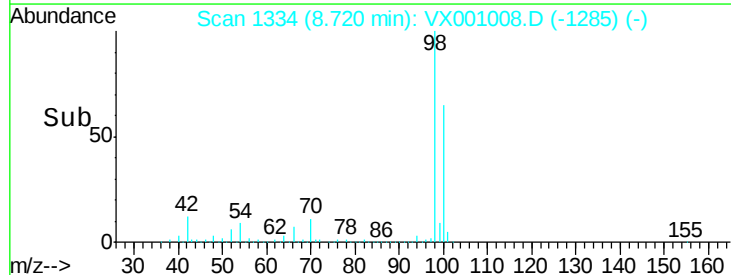
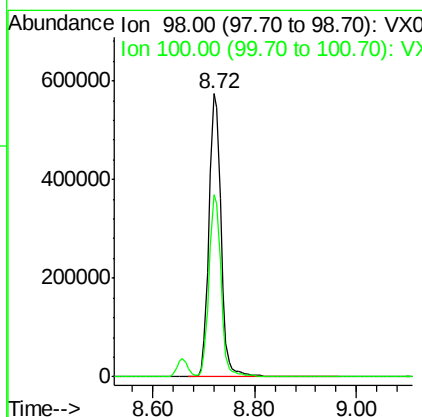
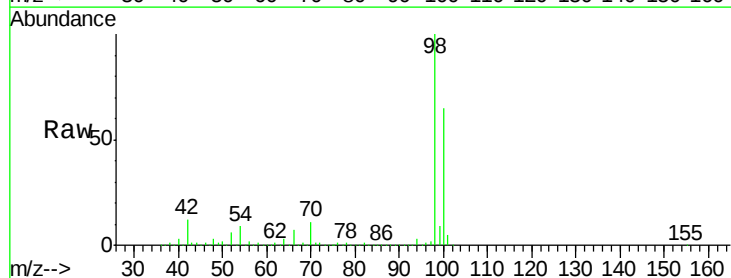
Instrument :
 MSVOA_X
 ClientSampleId :

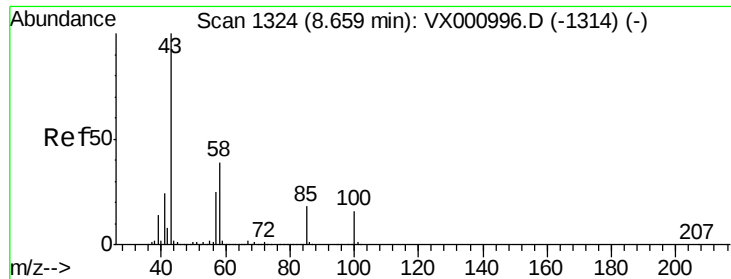
Tot Ion: 88 Resp: 20068
 Ion Ratio Lower Upper
 88 100
 43 35.6 29.2 43.8
 58 69.6 55.0 82.6



#50
 Toluene-d8
 Concen: 48.72 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion: 98 Resp: 935454
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.9 77.9

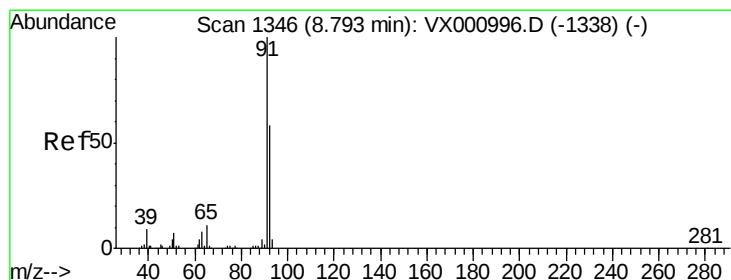
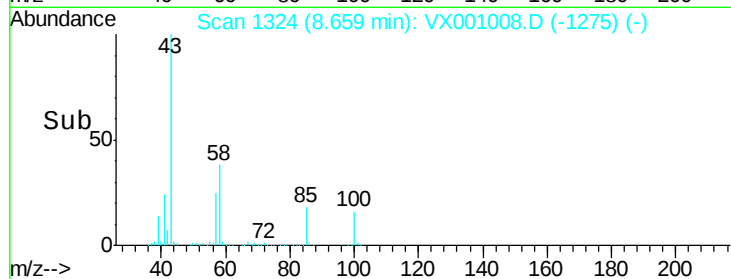
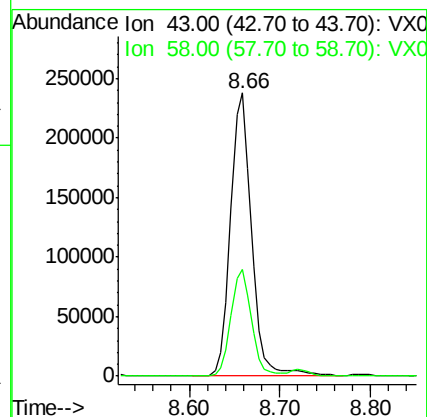
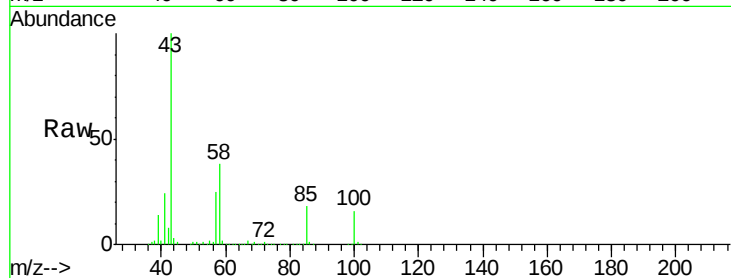




#51
 4-Methyl-2-Pentanone
 Concen: 50.23 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

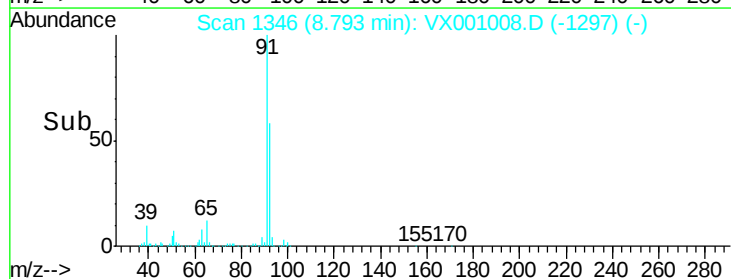
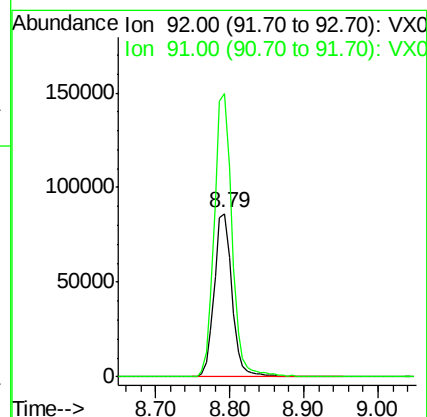
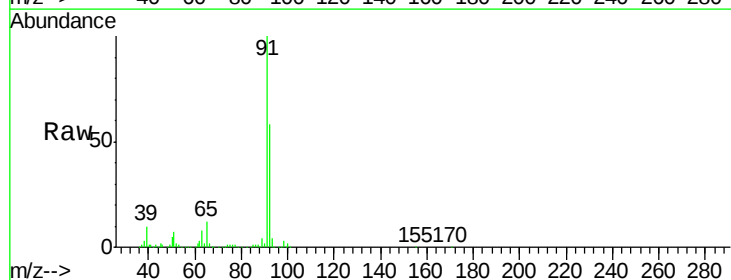
Instrument :
 MSVOA_X
 ClientSampleId :

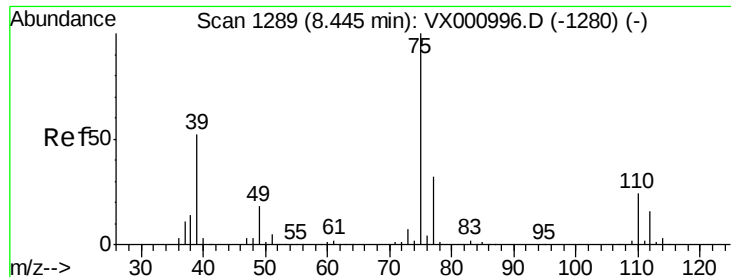
Tot Ion: 43 Resp: 384029
 Ion Ratio Lower Upper
 43 100
 58 36.7 30.2 45.4



#52
 Toluene
 Concen: 9.77 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion: 92 Resp: 141847
 Ion Ratio Lower Upper
 92 100
 91 173.5 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 9.79 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

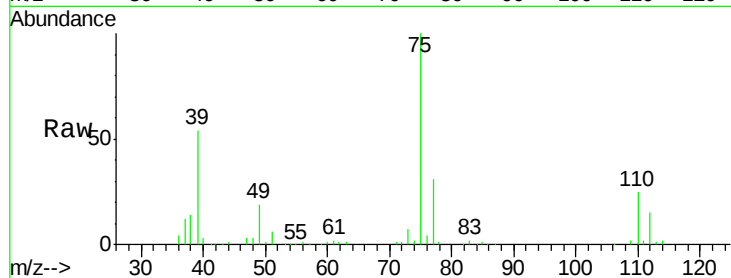
ClientSampled :

Tot Ion: 75 Resp: 84742

Ion Ratio Lower Upper

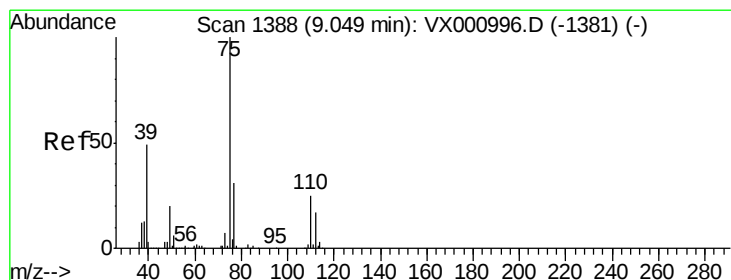
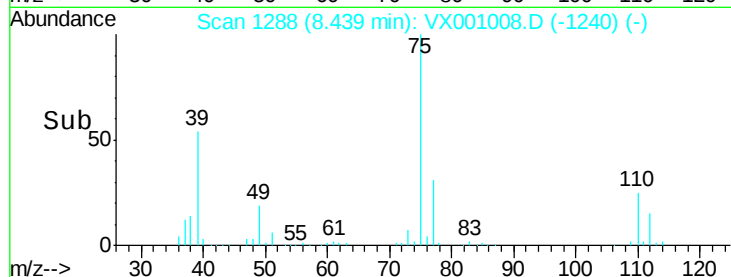
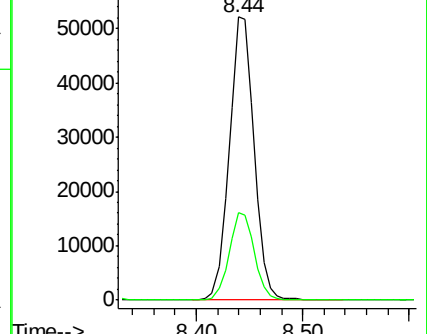
75 100

77 31.0 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 9.69 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

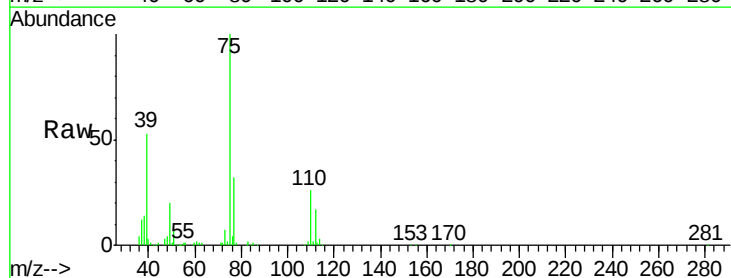
Tgt Ion: 75 Resp: 79083

Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.6

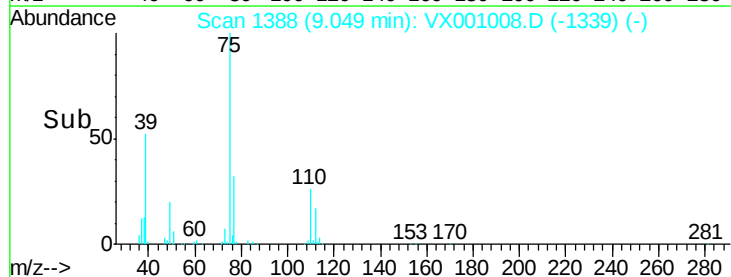
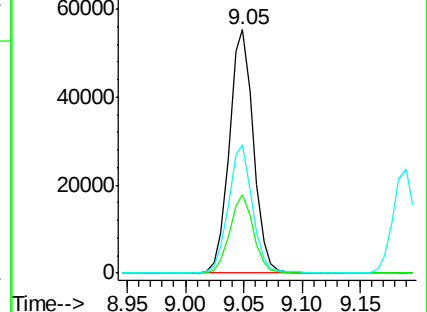
39 52.5 39.2 58.8

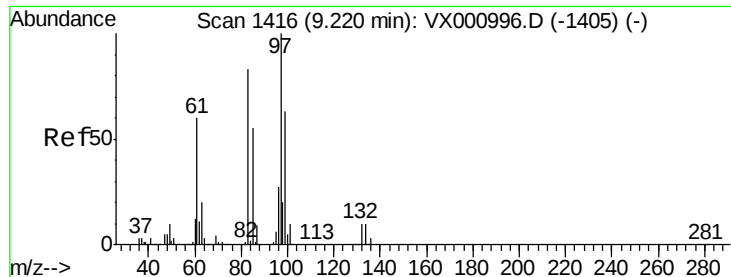


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 9.76 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 56301

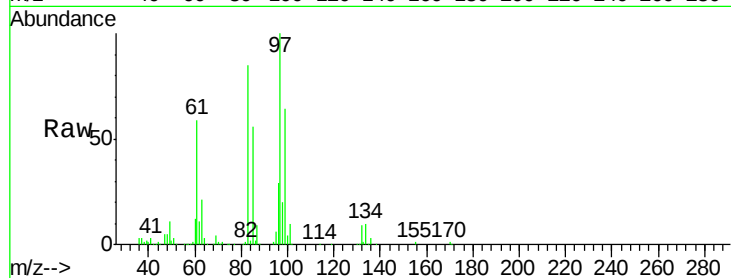
Ion Ratio Lower Upper

97 100

83 84.7 66.2 99.4

85 55.9 44.2 66.4

99 64.0 50.2 75.4

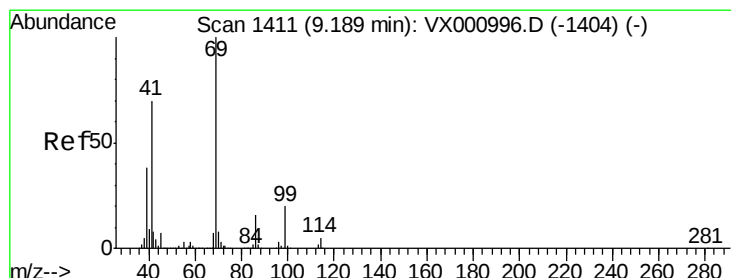
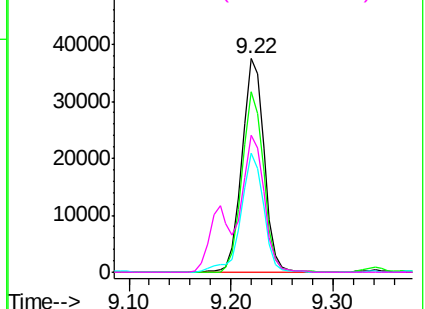
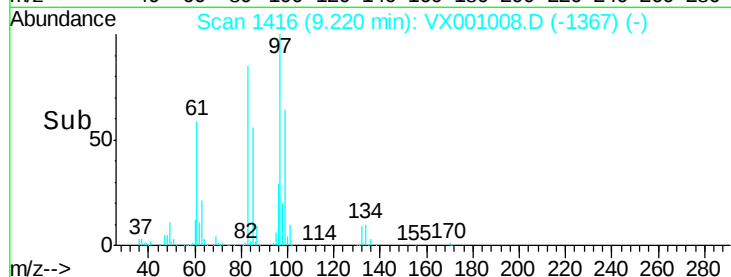


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 9.84 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

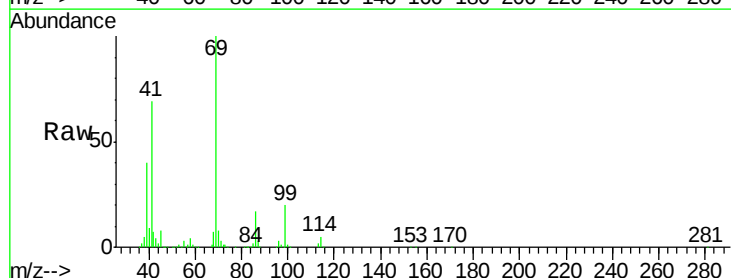
Tgt Ion: 69 Resp: 83446

Ion Ratio Lower Upper

69 100

41 70.3 56.3 84.5

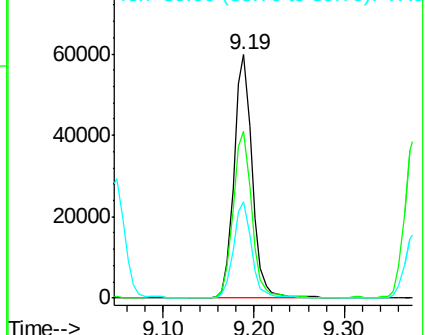
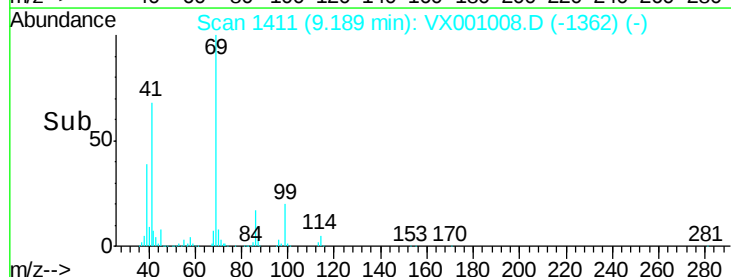
39 39.0 30.4 45.6

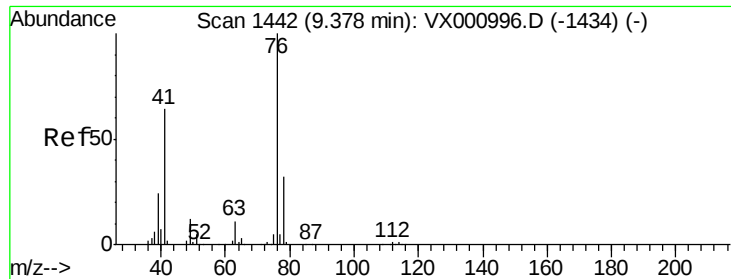


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

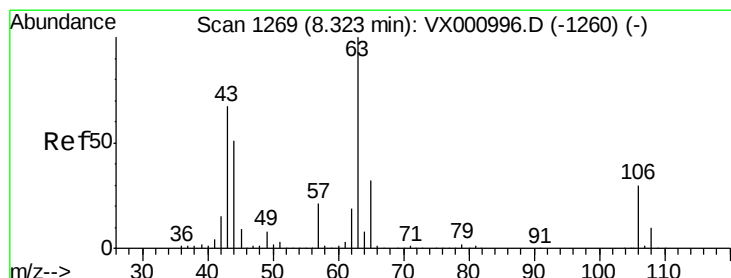
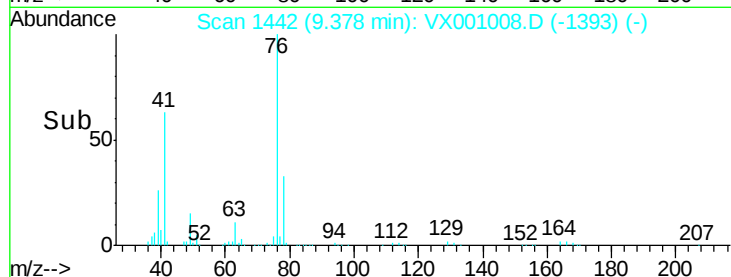
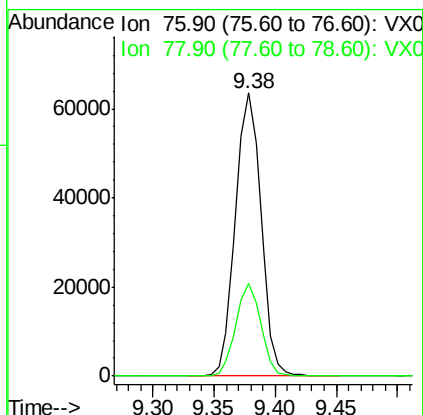
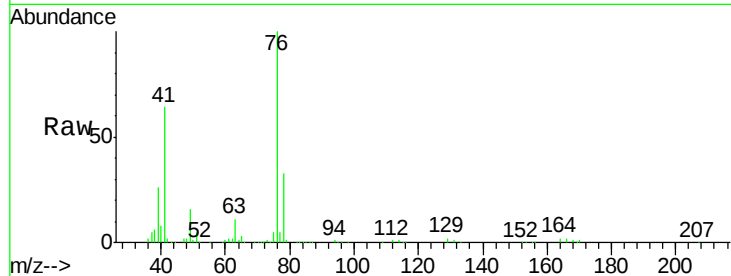




#57
 1,3-Dichloropropane
 Concen: 9.65 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

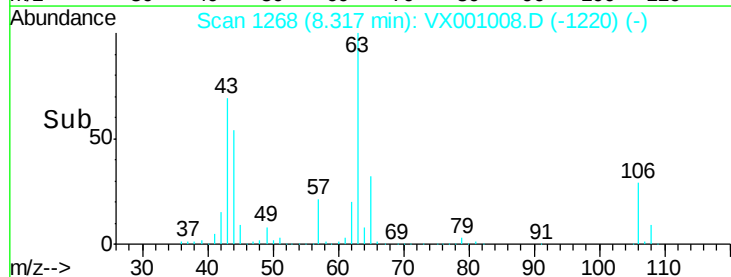
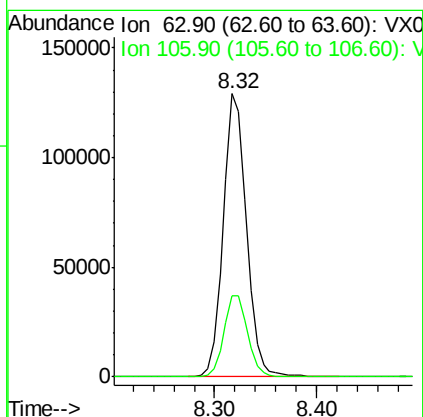
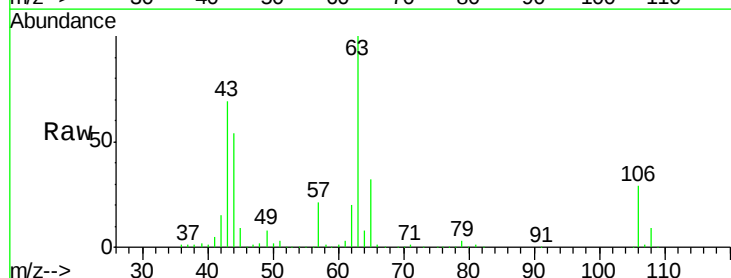
Instrument :
 MSVOA_X
 ClientSampleId :

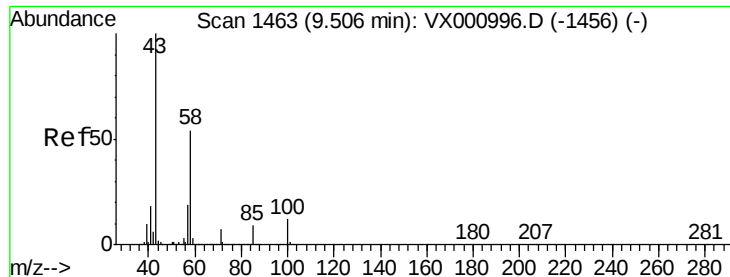
Tot Ion: 76 Resp: 92306
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 49.12 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion: 63 Resp: 203221
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.6

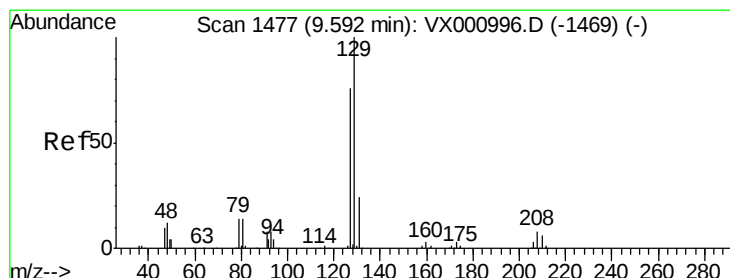
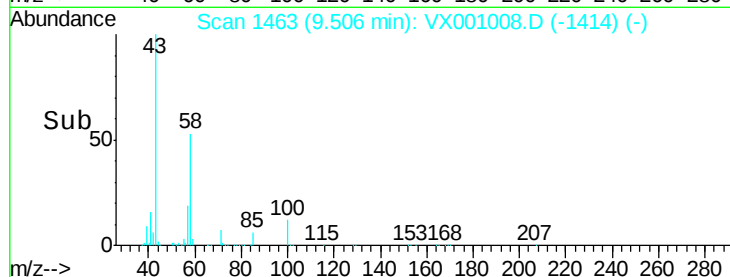
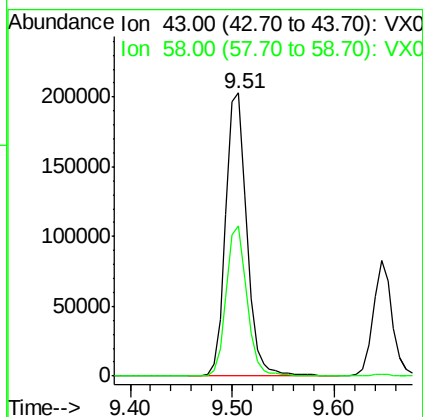
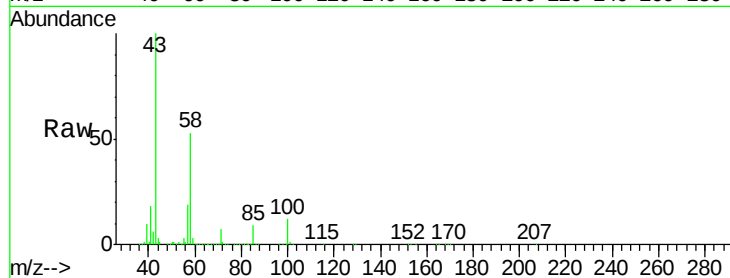




#59
2-Hexanone
Concen: 49.73 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

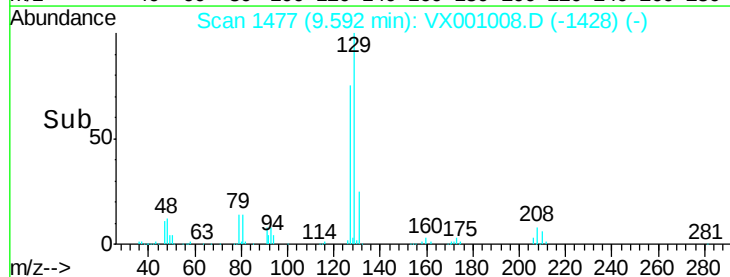
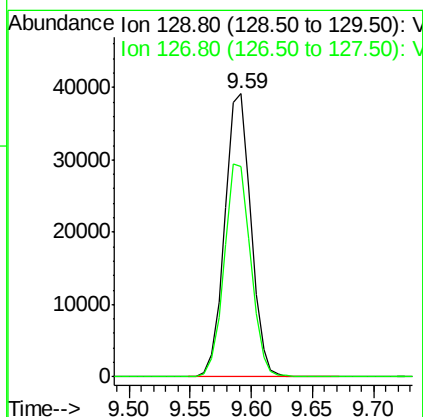
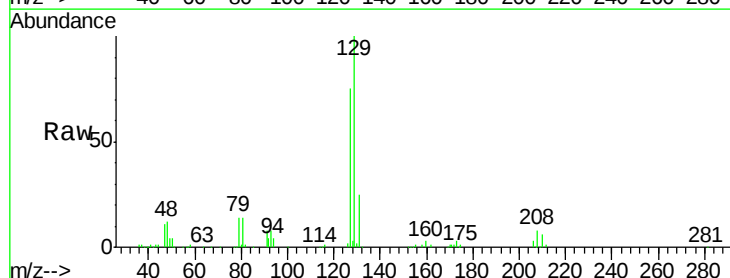
Instrument :
MSVOA_X
ClientSampled :

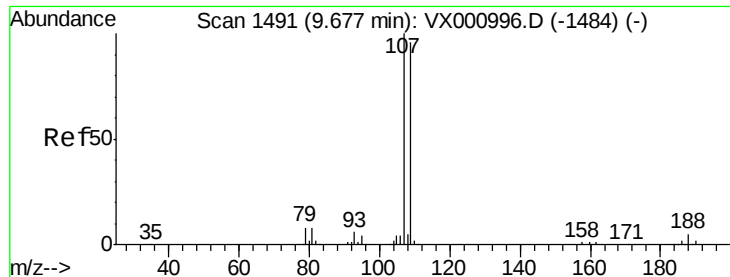
Tot Ion: 43 Resp: 291023
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.9



#60
Dibromochloromethane
Concen: 9.53 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 129 Resp: 57738
Ion Ratio Lower Upper
129 100
127 76.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 9.82 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

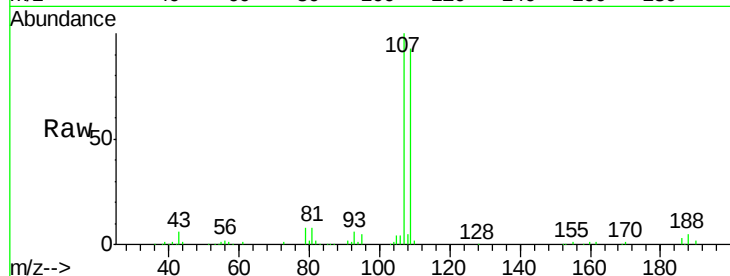
ClientSampleId :

Tot Ion:107 Resp: 59838

Ion Ratio Lower Upper

107 100

109 93.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

30000

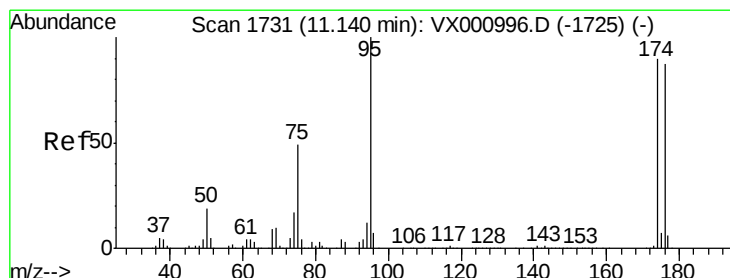
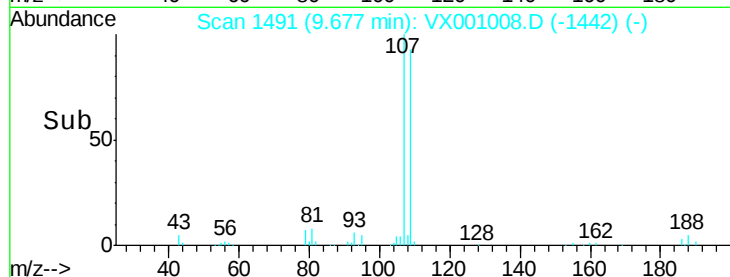
20000

10000

0

Time-->

9.60 9.70



#62

4-Bromofluorobenzene

Concen: 46.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

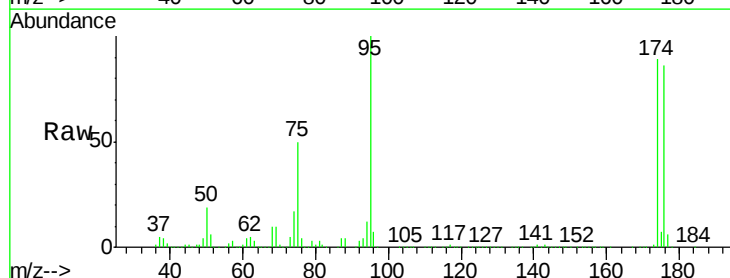
Tgt Ion: 95 Resp: 373268

Ion Ratio Lower Upper

95 100

174 97.7 0.0 198.4

176 95.1 0.0 192.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

300000

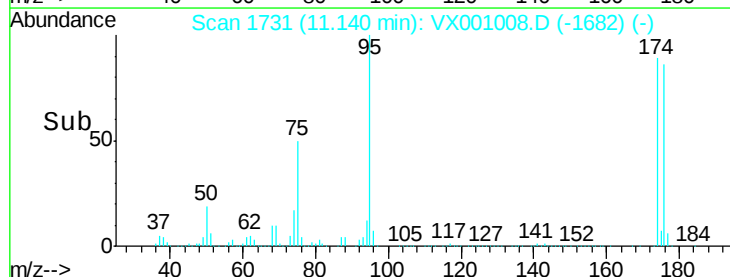
200000

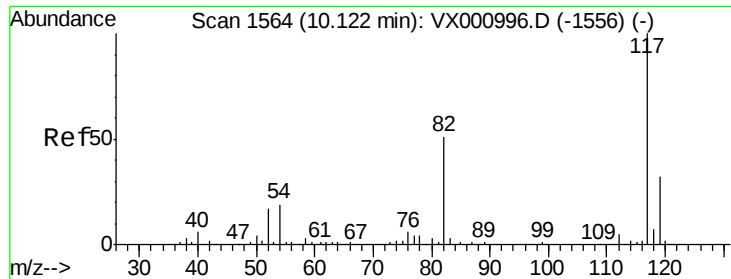
100000

0

Time-->

11.10 11.20

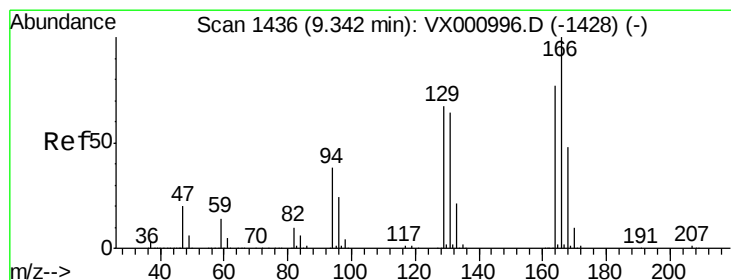
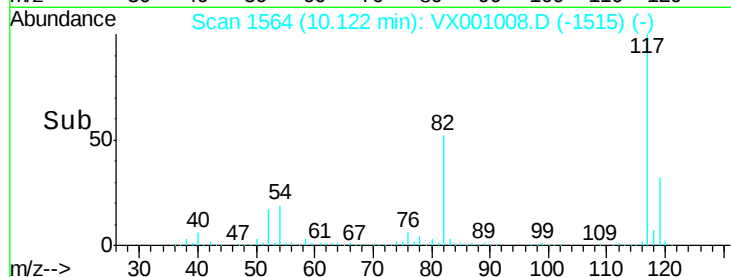
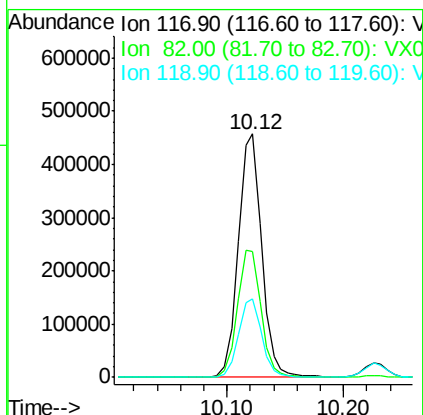
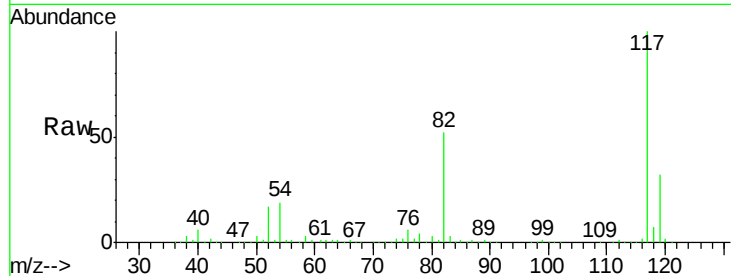




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

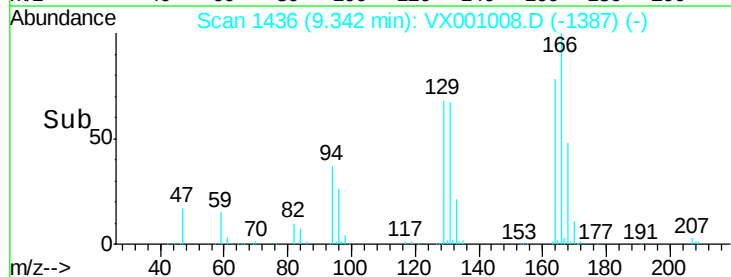
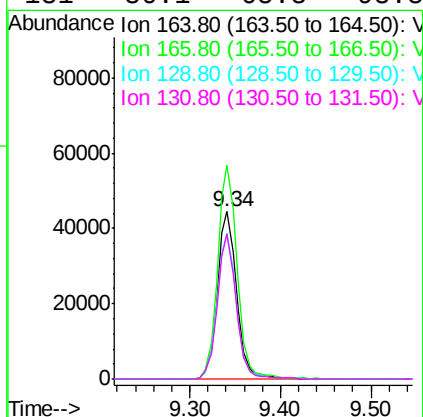
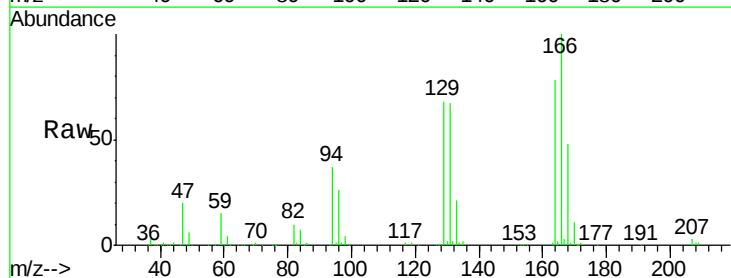
Instrument :
MSVOA_X
ClientSampleId :

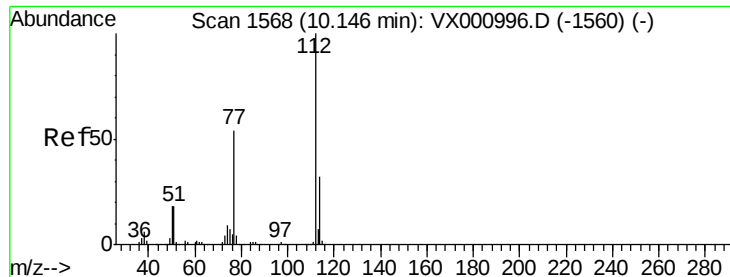
Tot Ion:117 Resp: 642835
Ion Ratio Lower Upper
117 100
82 51.6 40.6 60.8
119 32.1 26.0 39.0



#64
Tetrachloroethene
Concen: 9.67 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion:164 Resp: 66027
Ion Ratio Lower Upper
164 100
166 127.6 103.5 155.3
129 86.9 69.6 104.4
131 86.1 65.8 98.8





#65

Chlorobenzene

Concen: 9.74 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

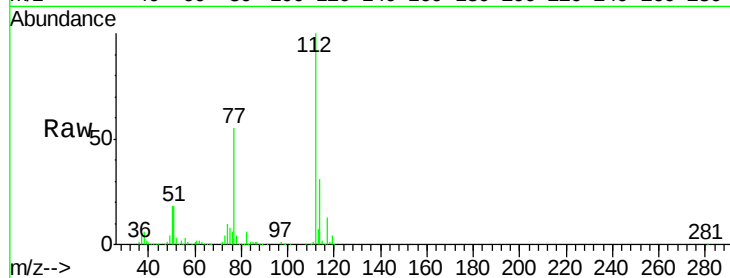
ClientSampled :

Tot Ion:112 Resp: 166805

Ion Ratio Lower Upper

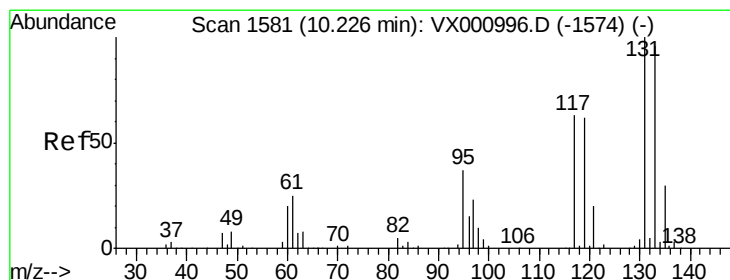
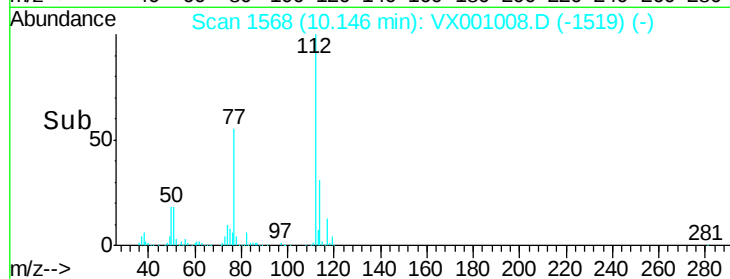
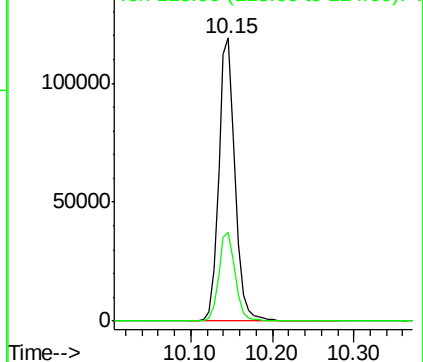
112 100

114 31.4 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 9.79 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

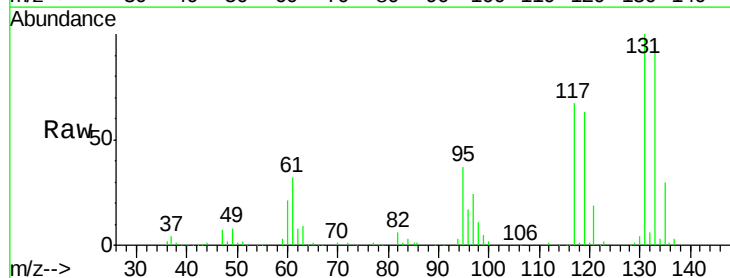
Tgt Ion:131 Resp: 57536

Ion Ratio Lower Upper

131 100

133 96.1 47.6 142.8

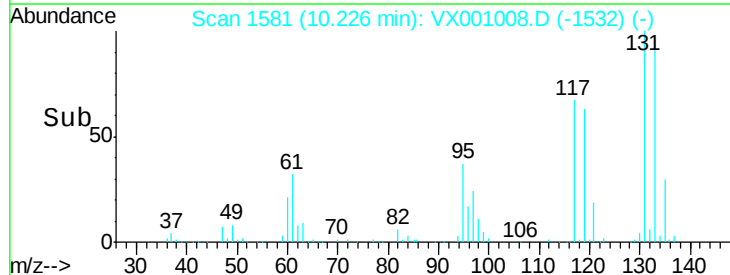
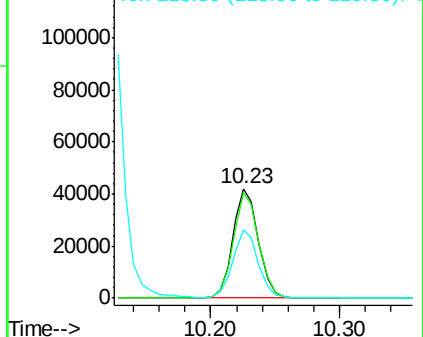
119 62.8 31.1 93.2

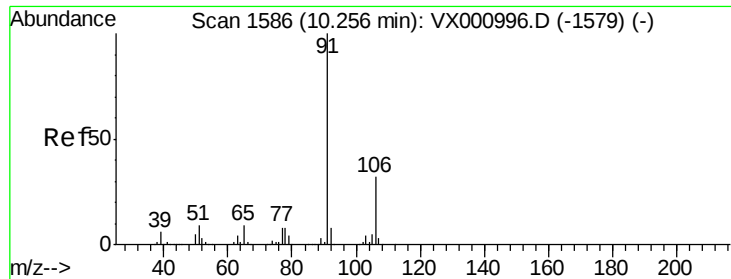


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 9.79 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

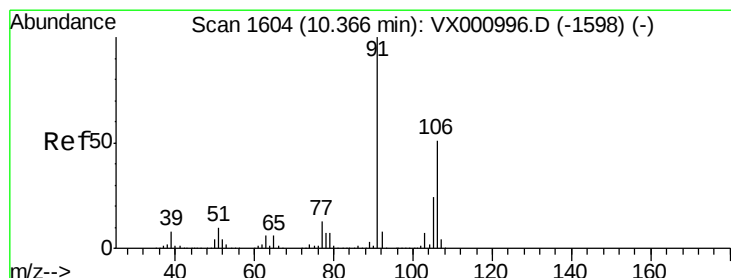
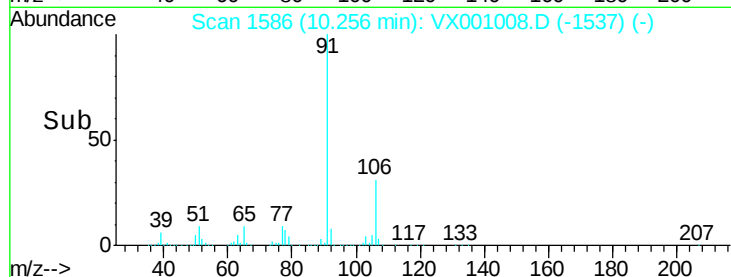
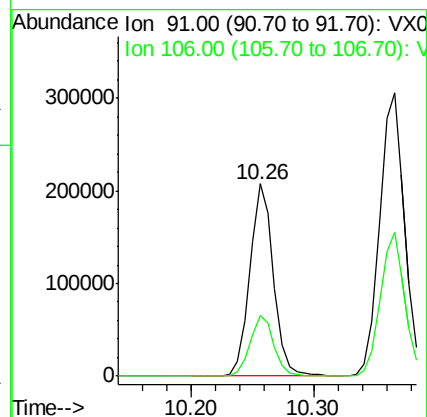
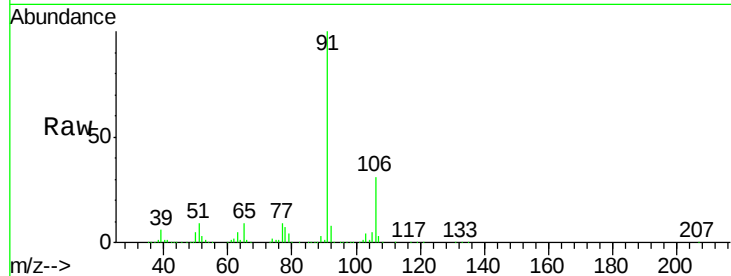
ClientSampleId :

Tot Ion: 91 Resp: 278290

Ion Ratio Lower Upper

91 100

106 31.3 25.7 38.5



#68

m/p-Xylenes

Concen: 19.51 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001008.D

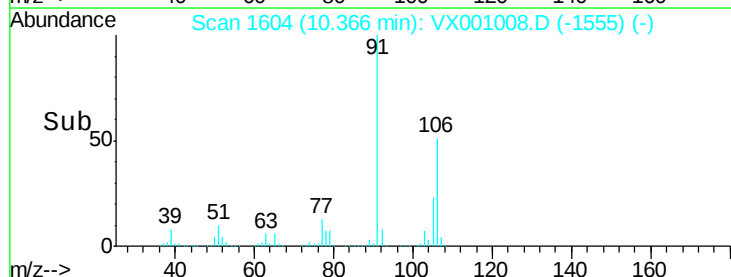
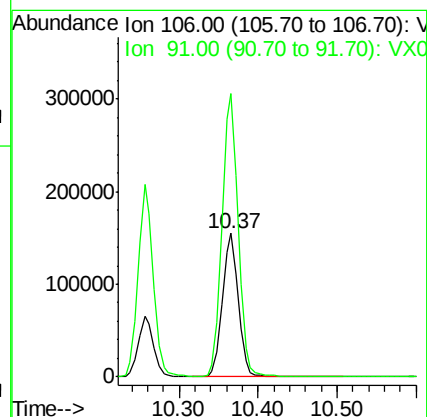
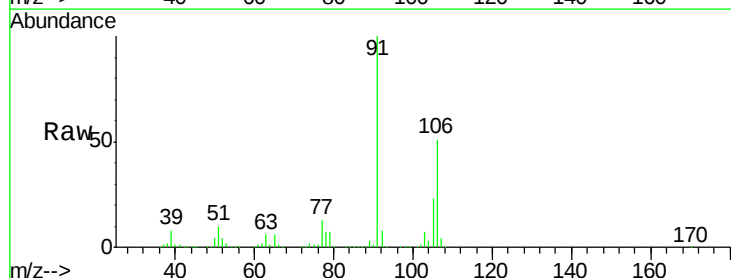
Acq: 20 Apr 2018 15:01

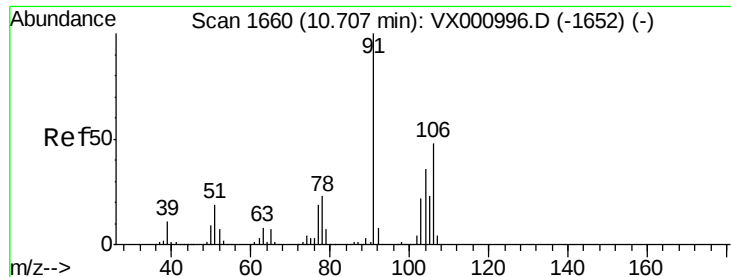
Tgt Ion: 106 Resp: 218601

Ion Ratio Lower Upper

106 100

91 200.4 159.3 238.9

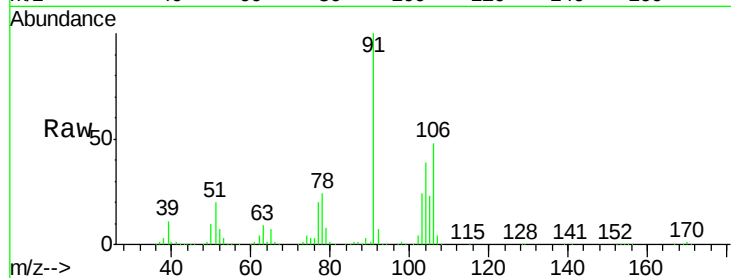




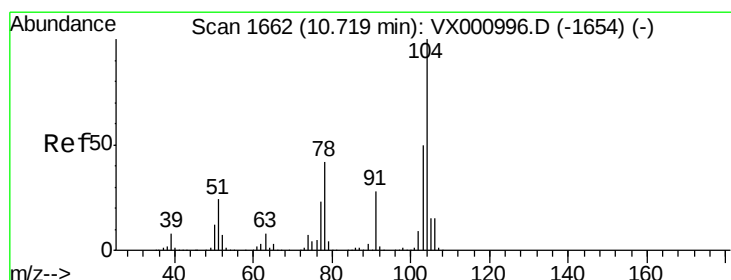
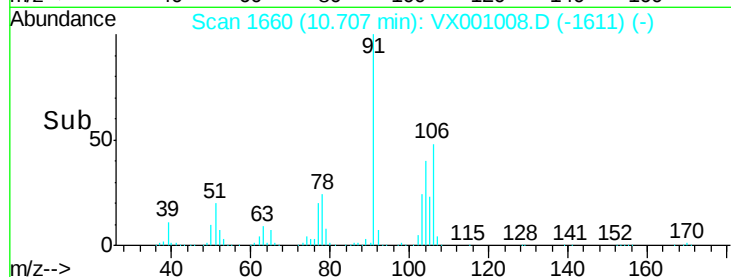
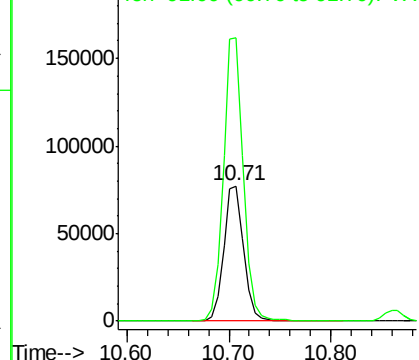
#69
o-Xylene
Concen: 9.76 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 105425
Ion Ratio Lower Upper
106 100
91 210.0 105.1 315.1

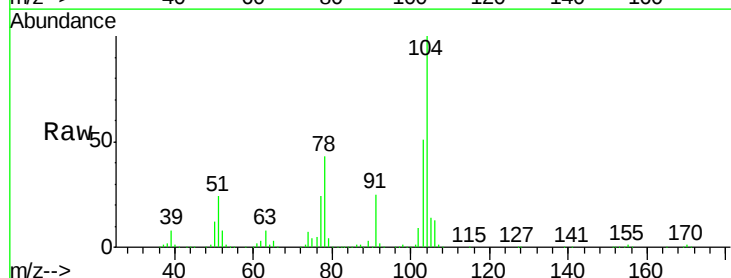


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

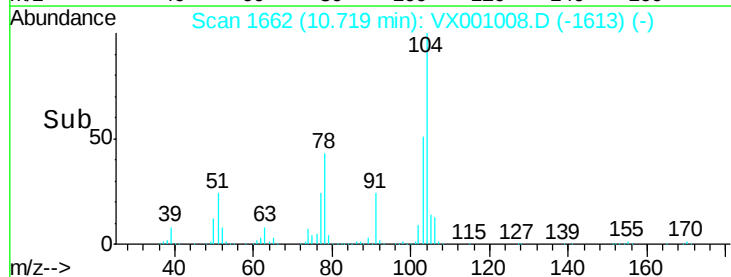
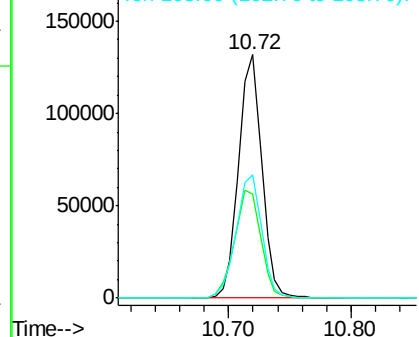


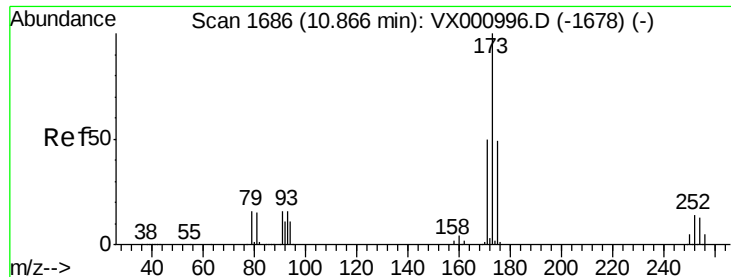
#70
Styrene
Concen: 9.74 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion:104 Resp: 173259
Ion Ratio Lower Upper
104 100
78 50.8 39.4 59.2
103 56.0 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

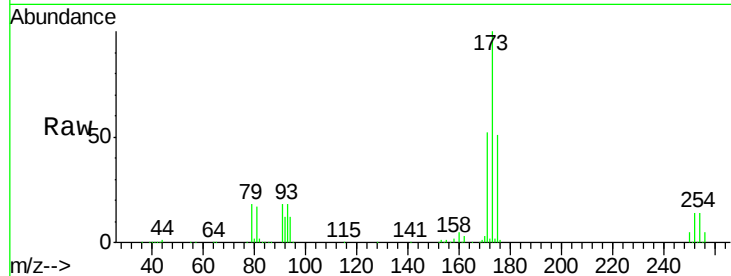




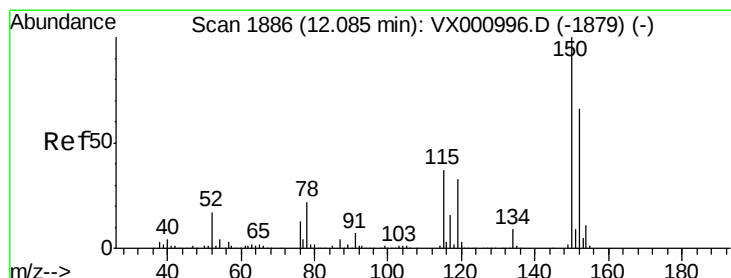
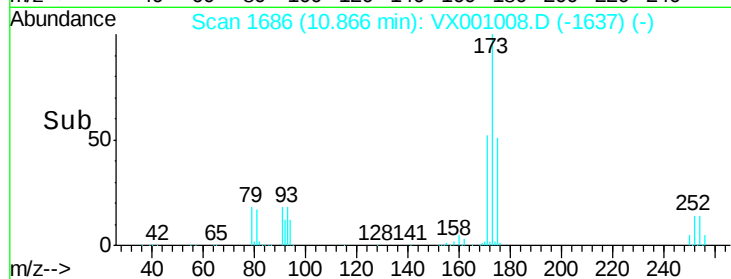
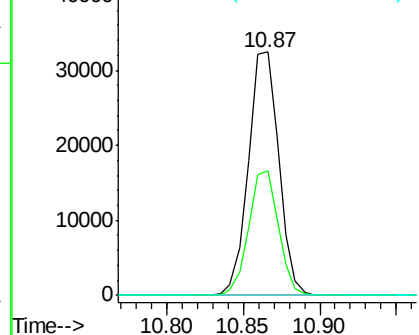
#71
Bromoform
Concen: 10.48 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 44848
Ion Ratio Lower Upper
173 100
175 50.4 24.8 74.3
254 0.2 0.2 0.2

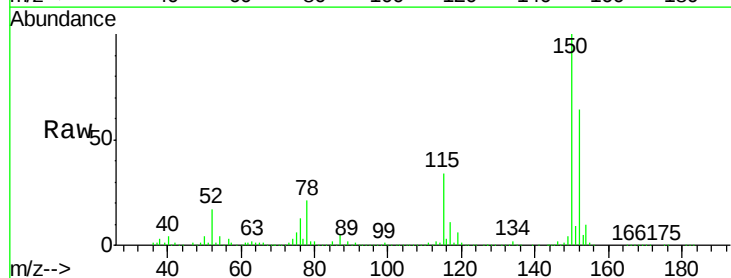


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

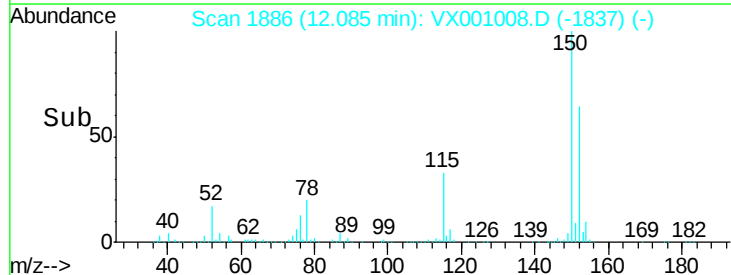
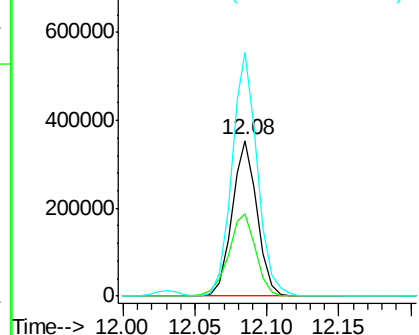


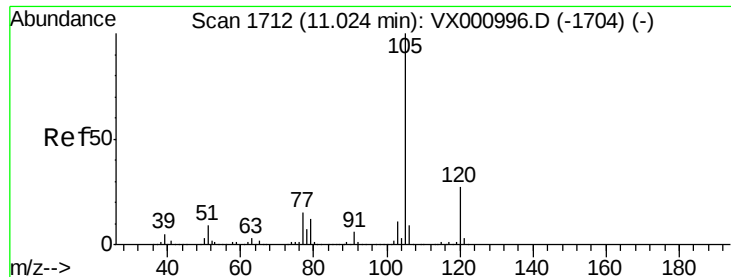
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion:152 Resp: 428316
Ion Ratio Lower Upper
152 100
115 58.1 38.2 114.6
150 159.8 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: 10.25 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

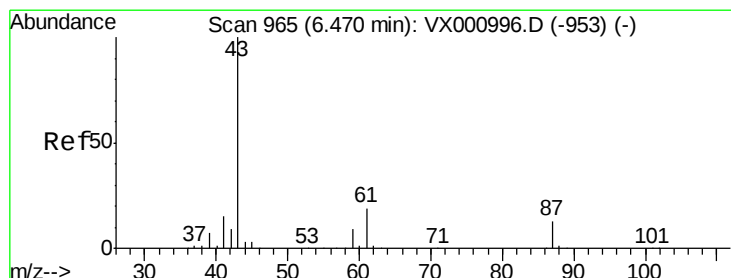
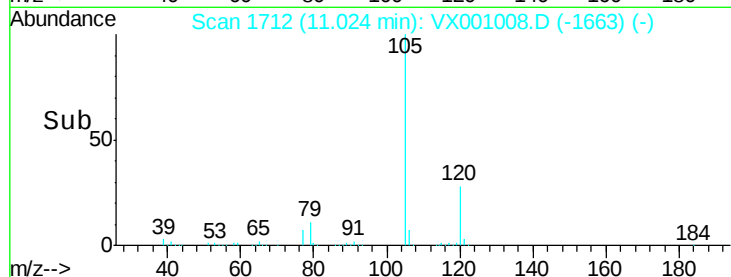
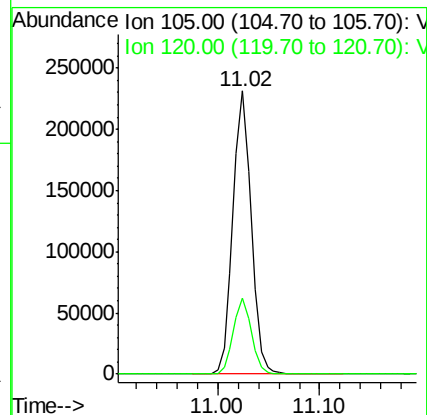
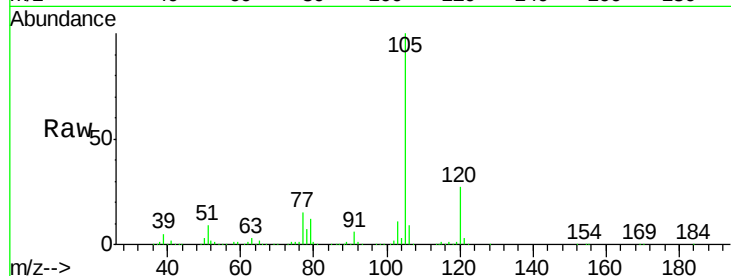
ClientSampleId :

Tot Ion: 105 Resp: 286897

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



#74

N-ethyl acetate

Concen: 10.12 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Tgt Ion: 43 Resp: 121166

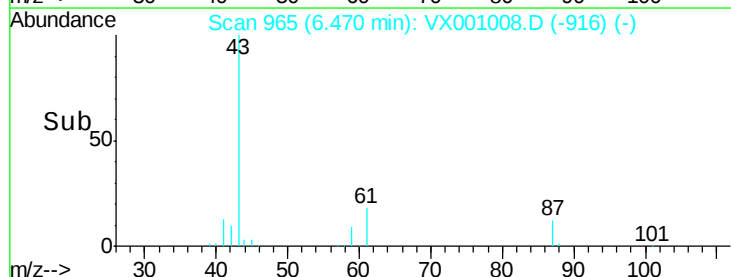
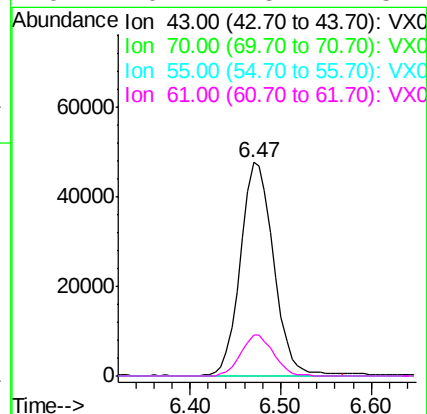
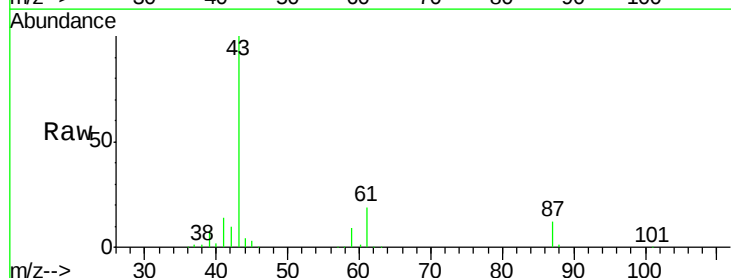
Ion Ratio Lower Upper

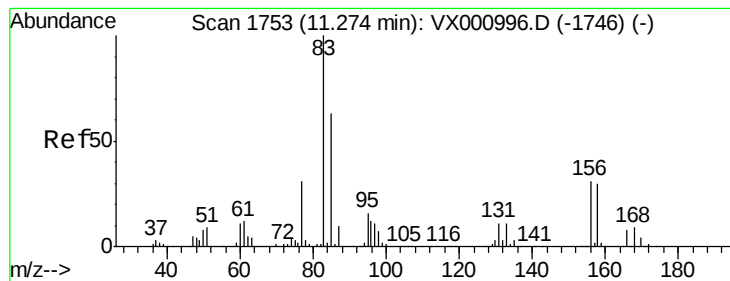
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.1 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 10.26 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

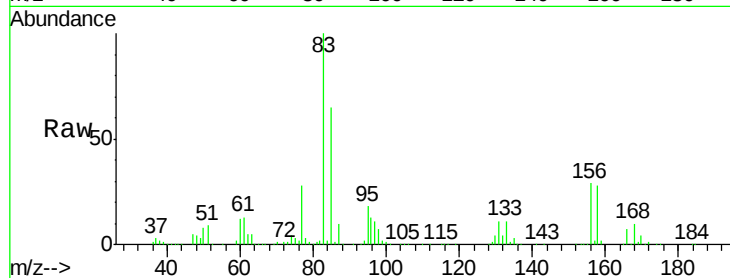
Tot Ion: 83 Resp: 81338

Ion Ratio Lower Upper

83 100

131 11.3 5.8 17.4

85 65.5 32.0 96.2

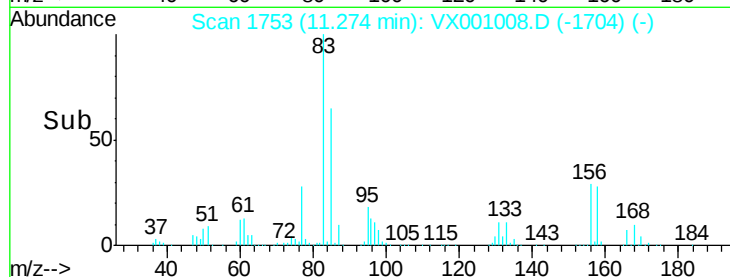


Abundance Ion 82.90 (82.60 to 83.60): VX000996.D (-1746) (-)

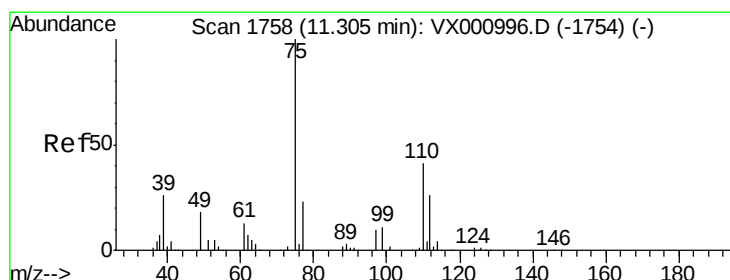
Ion 130.80 (130.50 to 131.50): VX000996.D (-1746) (-)

Ion 84.90 (84.60 to 85.60): VX000996.D (-1746) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 12.13 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001008.D

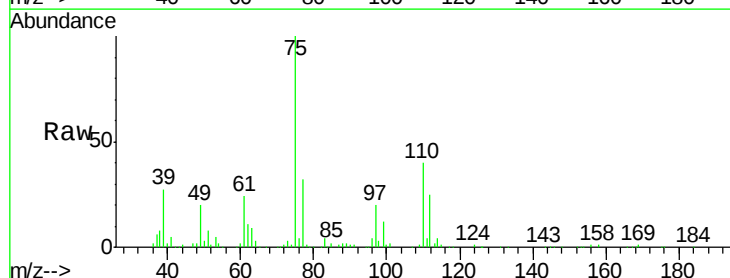
Acq: 20 Apr 2018 15:01

Tgt Ion: 75 Resp: 90111

Ion Ratio Lower Upper

75 100

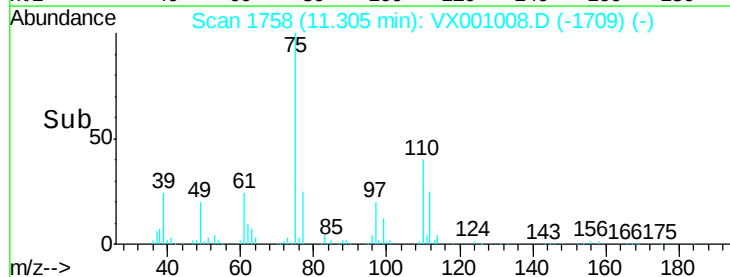
77 32.4 19.6 58.7



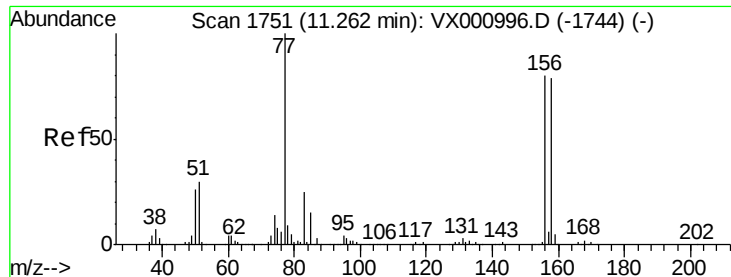
Abundance Ion 74.90 (74.60 to 75.60): VX000996.D (-1754) (-)

Ion 77.00 (76.70 to 77.70): VX000996.D (-1754) (-)

Time-->



Time-->



#77

Bromobenzene

Concen: 10.09 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

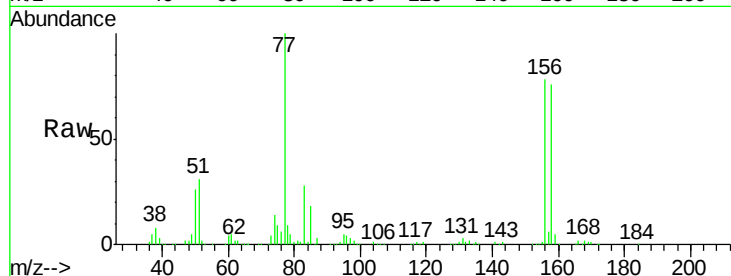
Tot Ion:156 Resp: 81990

Ion Ratio Lower Upper

156 100

77 135.2 66.3 199.0

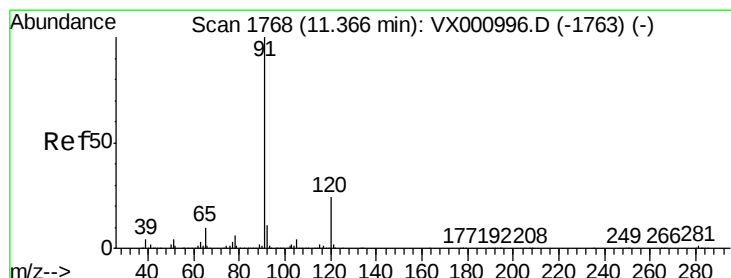
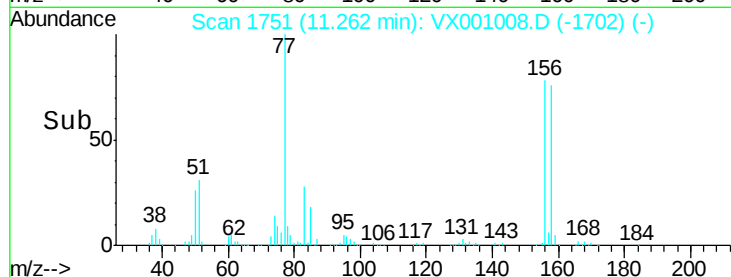
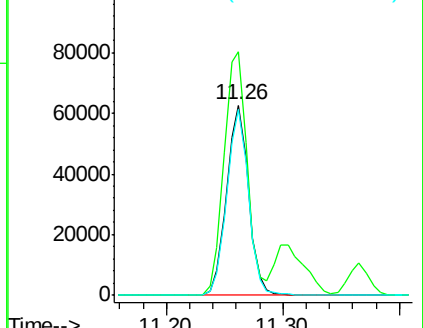
158 96.8 48.9 146.6



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: 10.09 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001008.D

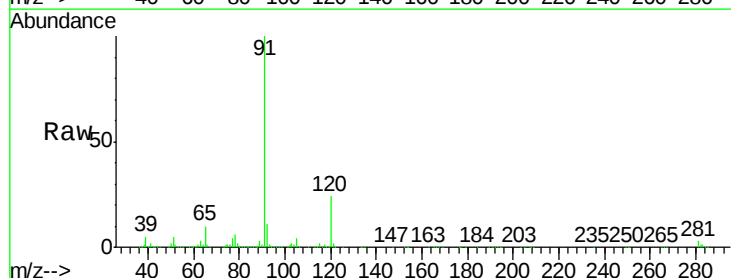
Acq: 20 Apr 2018 15:01

Tgt Ion: 91 Resp: 324457

Ion Ratio Lower Upper

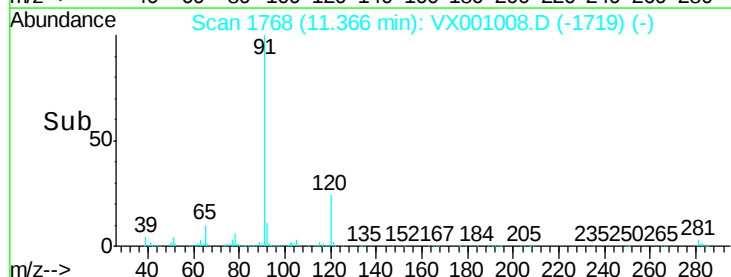
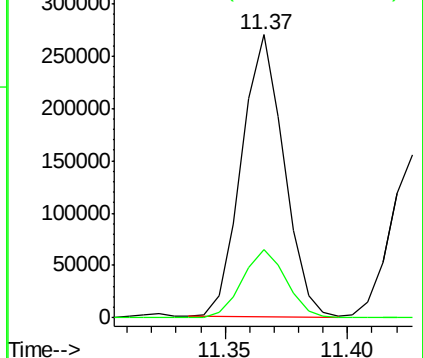
91 100

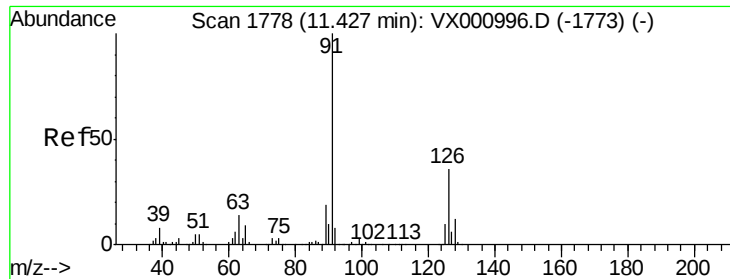
120 25.0 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

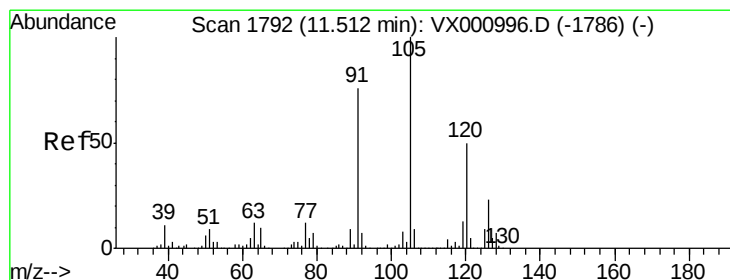
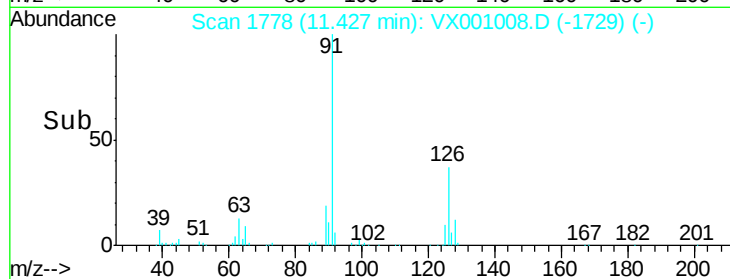
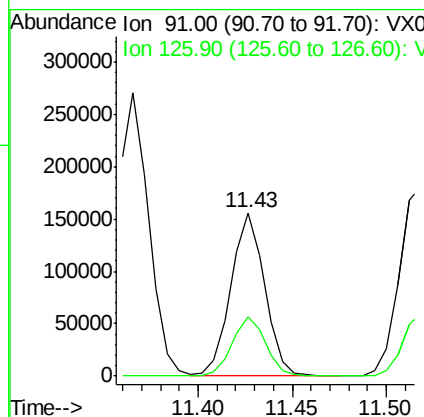
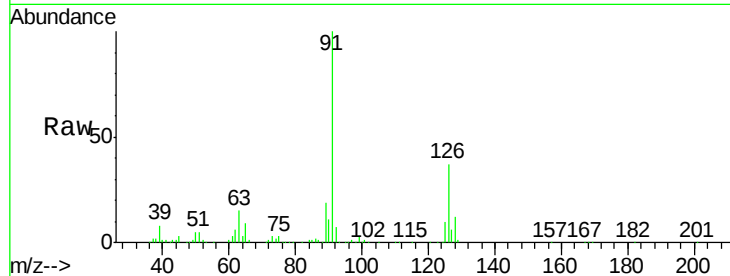




#79
 2-Chlorotoluene
 Concen: 10.13 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

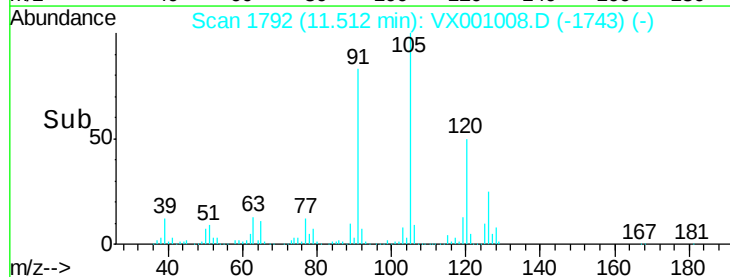
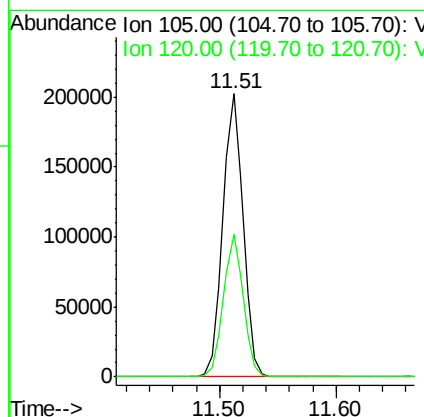
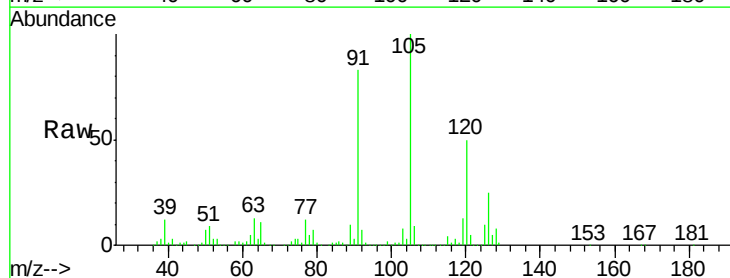
Instrument :
 MSVOA_X
 ClientSampleId :

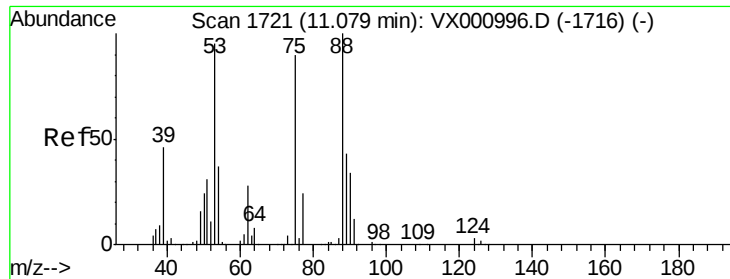
Tot Ion: 91 Resp: 192445
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 10.20 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion:105 Resp: 242175
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 10.68 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

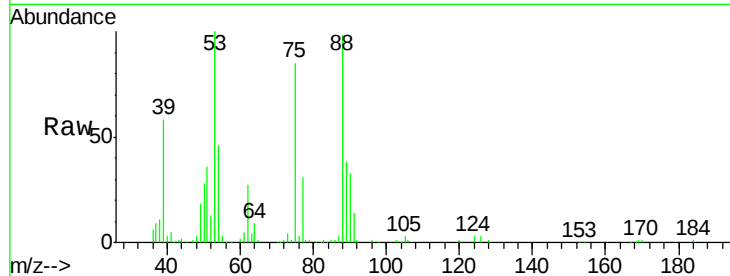
Tot Ion: 75 Resp: 19261

Ion Ratio Lower Upper

75 100

53 114.5 83.4 125.2

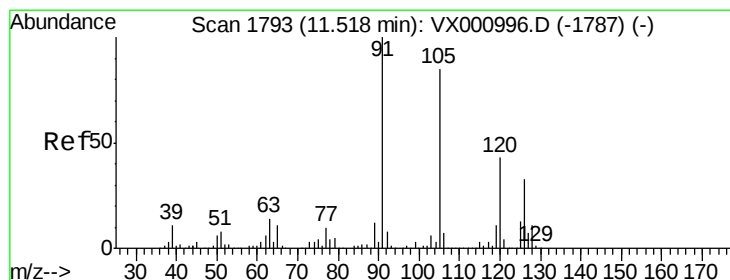
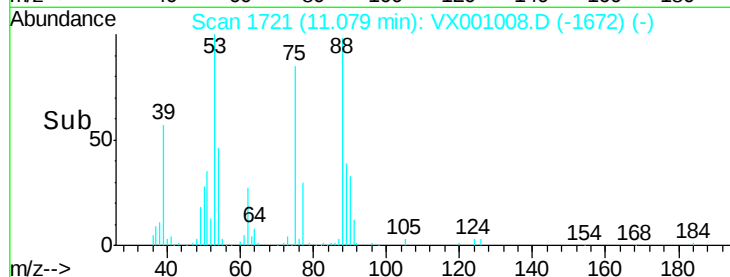
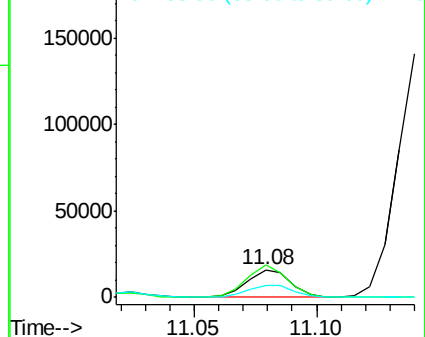
89 49.0 39.7 59.5



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: 10.14 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001008.D

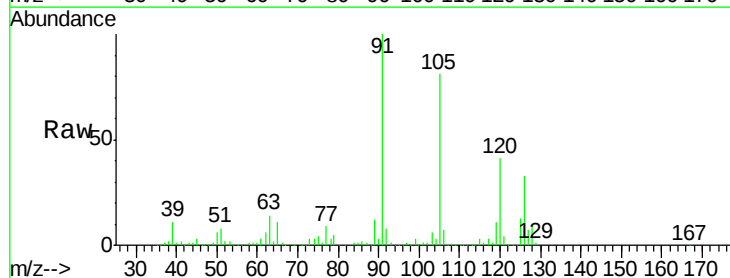
Acq: 20 Apr 2018 15:01

Tgt Ion: 91 Resp: 232676

Ion Ratio Lower Upper

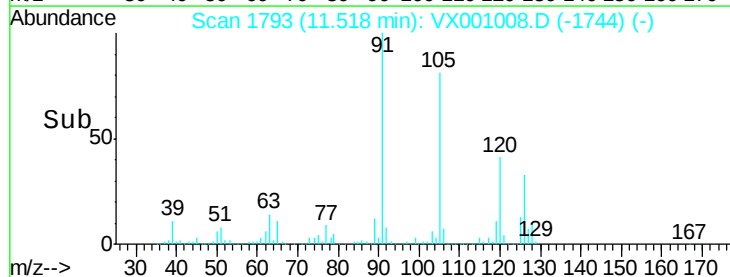
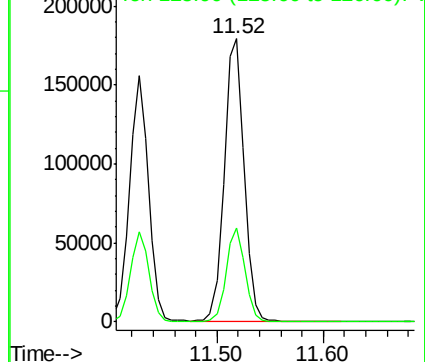
91 100

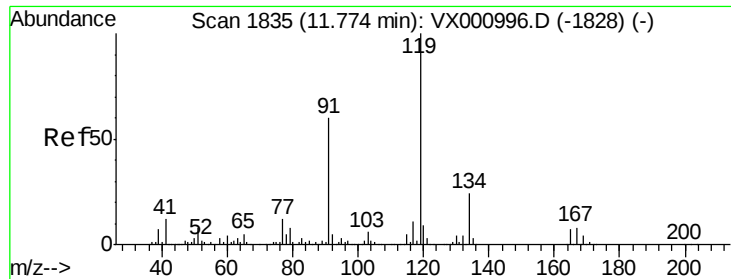
126 31.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

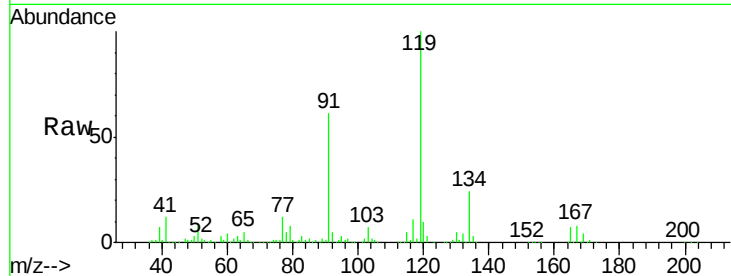




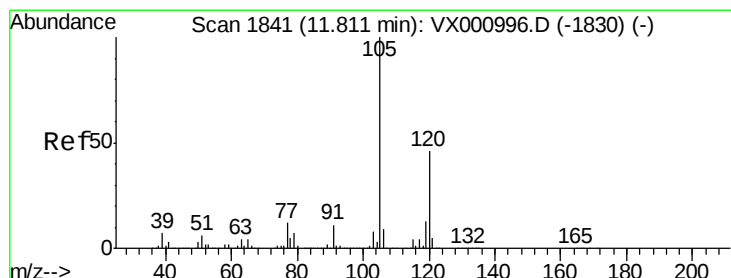
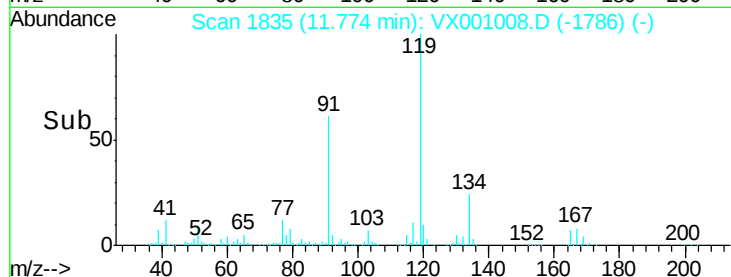
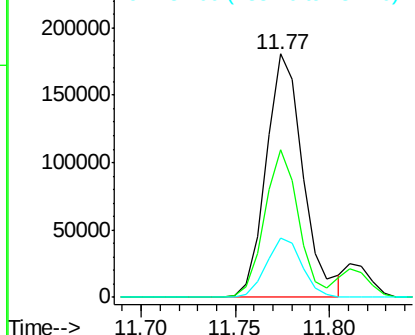
#83
tert-Butylbenzene
Concen: 10.24 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 245269
Ion Ratio Lower Upper
119 100
91 55.8 27.0 81.0
134 23.6 11.6 34.7

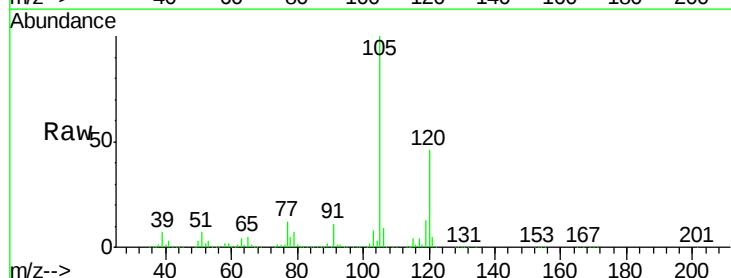


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

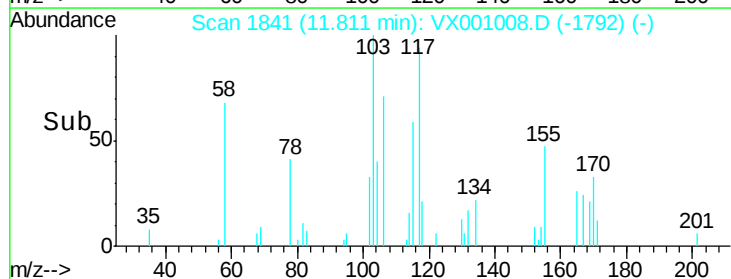
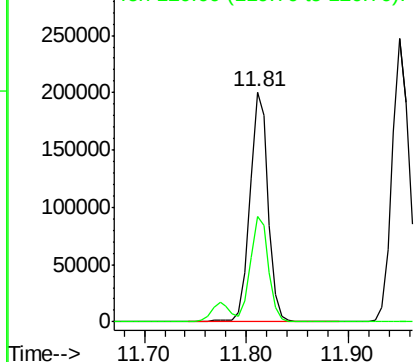


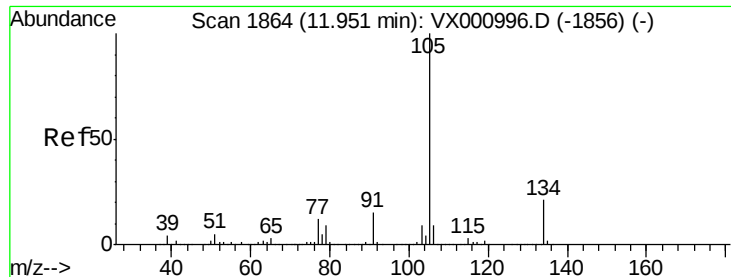
#84
1,2,4-Trimethylbenzene
Concen: 10.18 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion:105 Resp: 248579
Ion Ratio Lower Upper
105 100
120 45.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 10.13 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

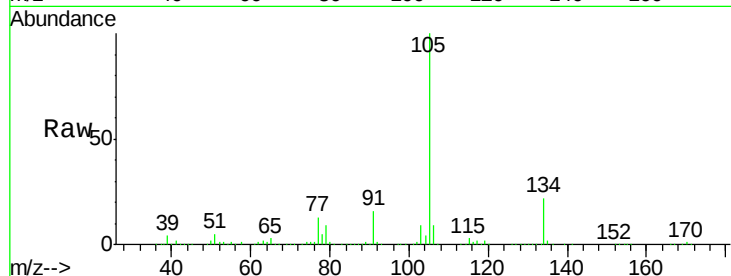
ClientSampled :

Tot Ion:105 Resp: 289611

Ion Ratio Lower Upper

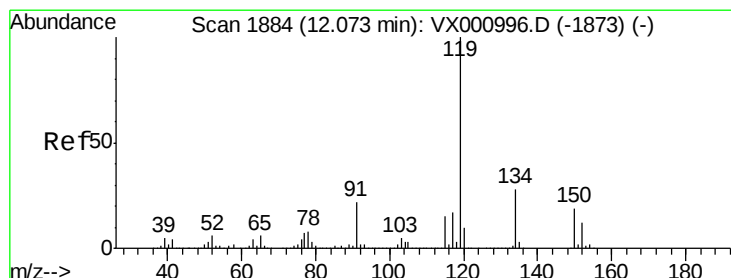
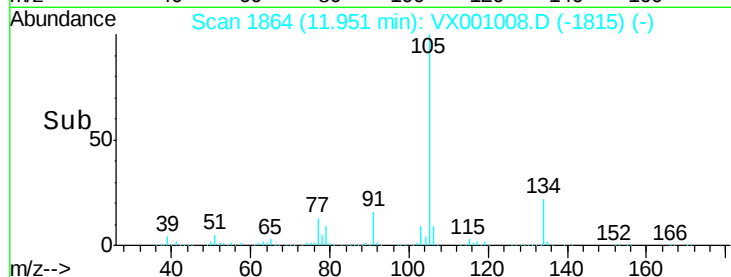
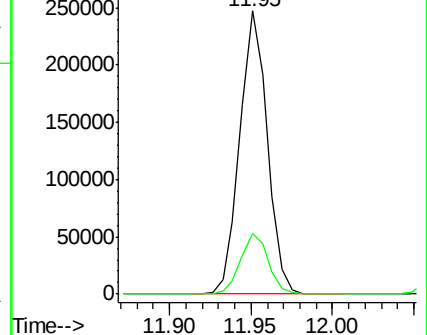
105 100

134 21.5 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.22 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

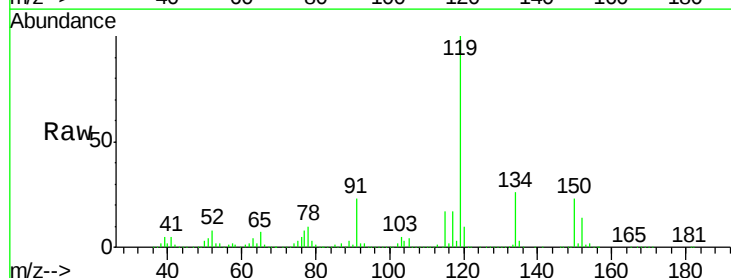
Tgt Ion:119 Resp: 270234

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

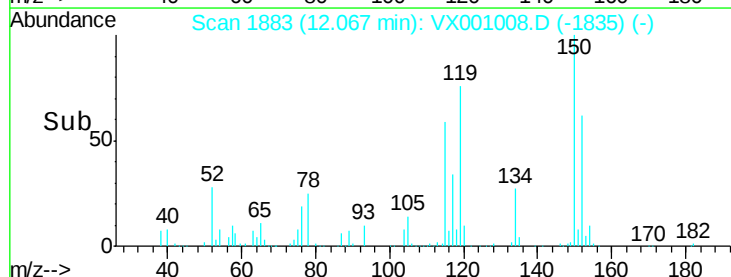
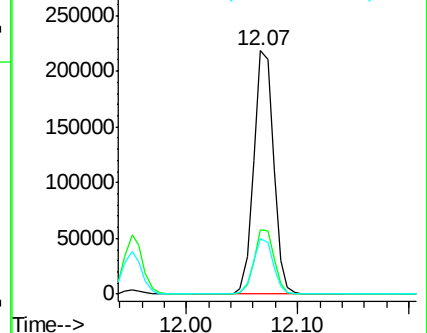
91 23.0 11.4 34.1

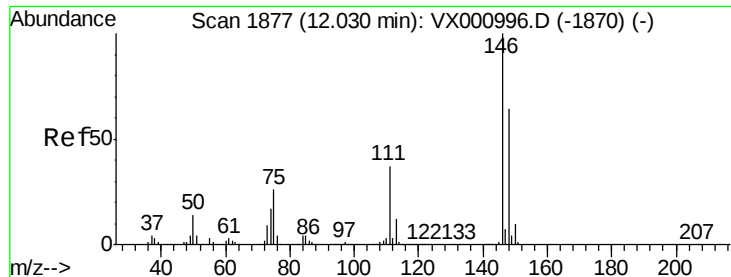


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 10.02 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

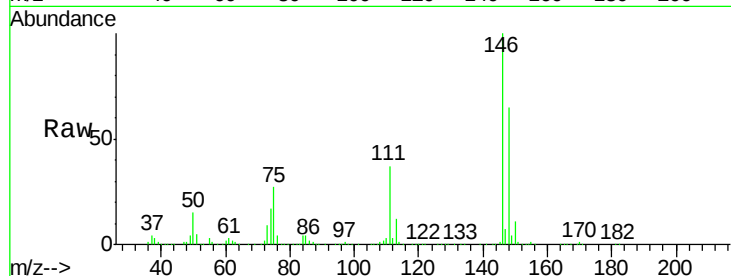
Tot Ion:146 Resp: 152398

Ion Ratio Lower Upper

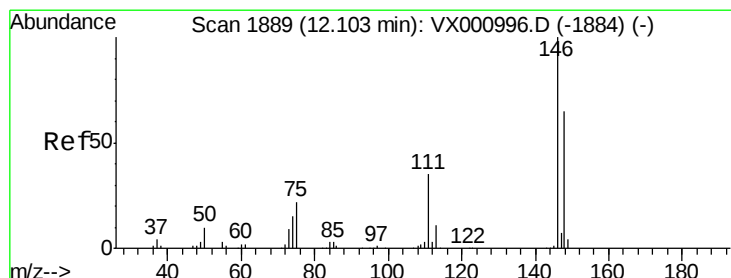
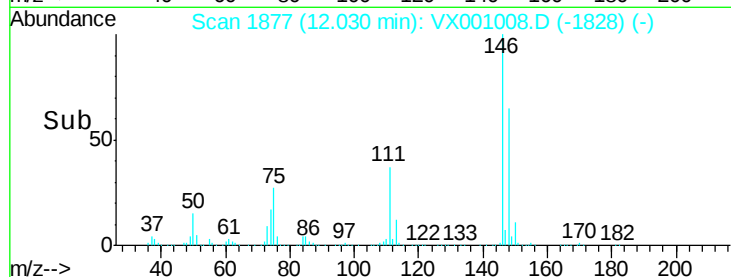
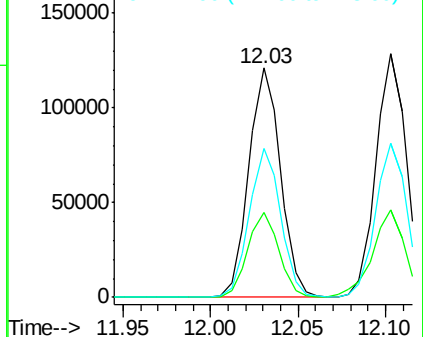
146 100

111 36.6 18.3 54.8

148 64.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 9.99 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

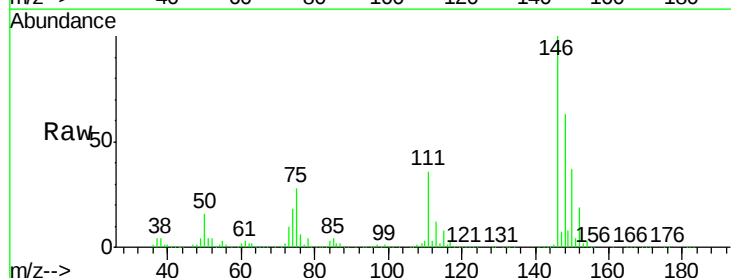
Tgt Ion:146 Resp: 156081

Ion Ratio Lower Upper

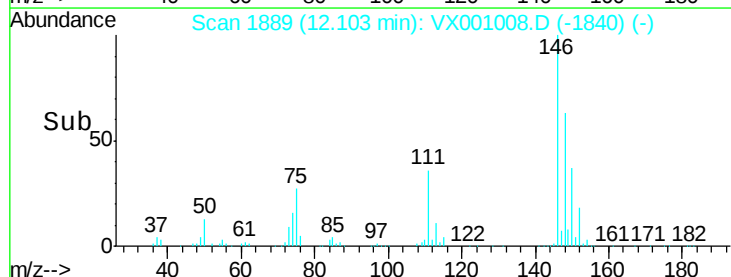
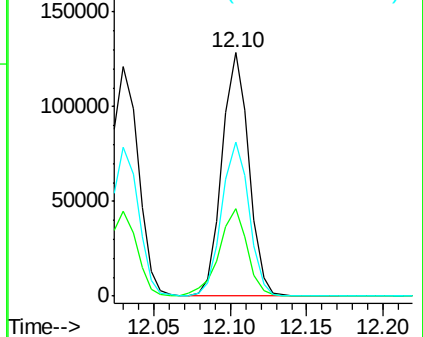
146 100

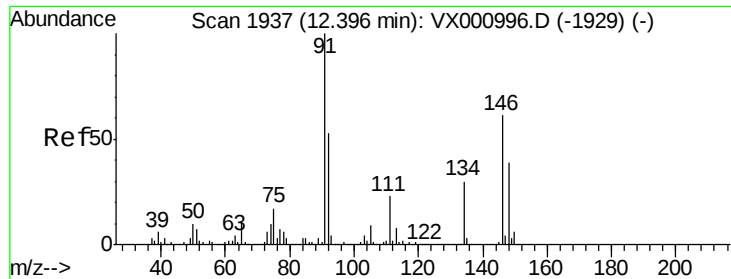
111 38.2 18.0 54.0

148 65.2 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

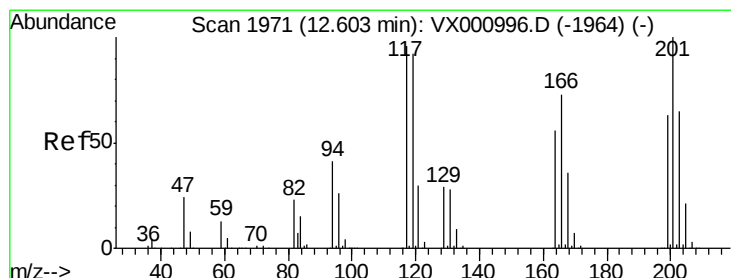
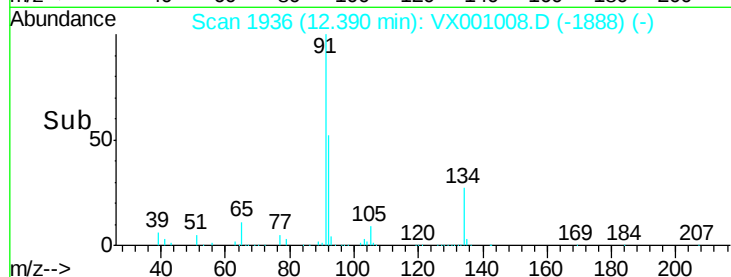
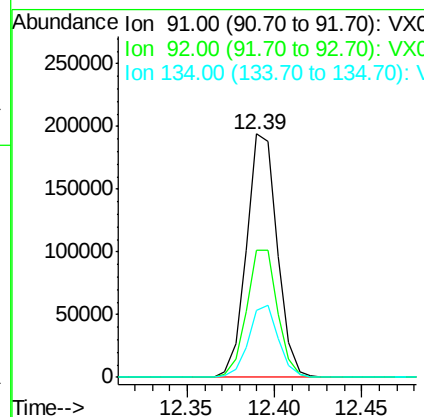
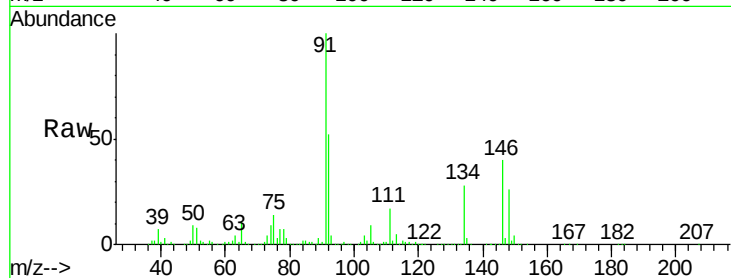




#89
n-Butylbenzene
Concen: 10.02 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

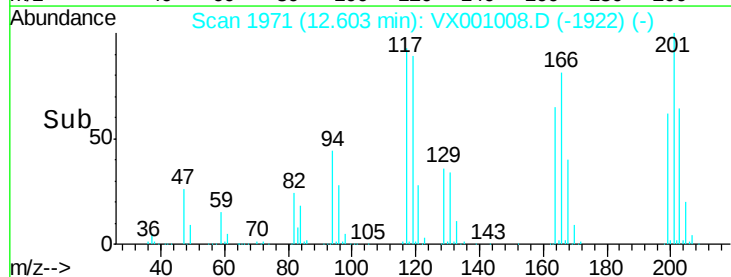
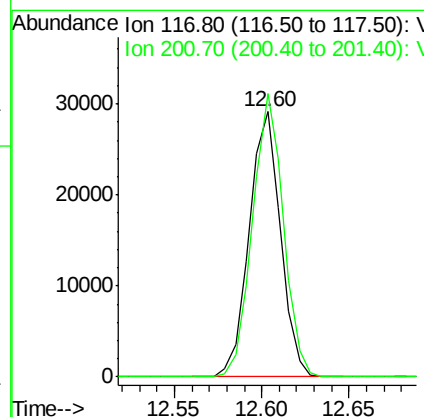
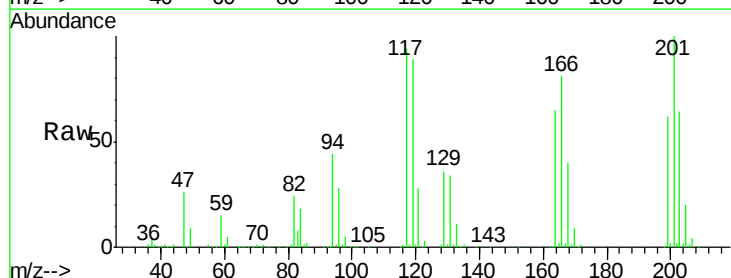
Instrument :
MSVOA_X
ClientSampleId :

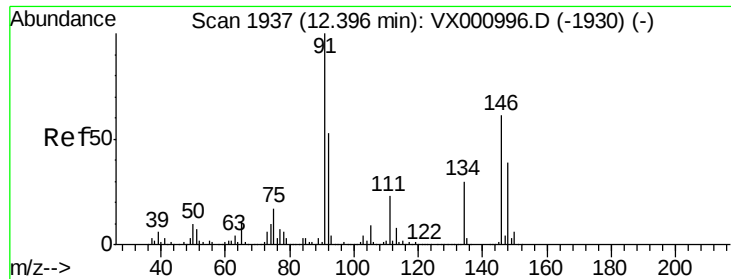
Tot Ion: 91 Resp: 235700
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.9
134 28.8 14.4 43.0



#90
Hexachloroethane
Concen: 9.65 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 117 Resp: 36167
Ion Ratio Lower Upper
117 100
201 105.2 52.3 157.1

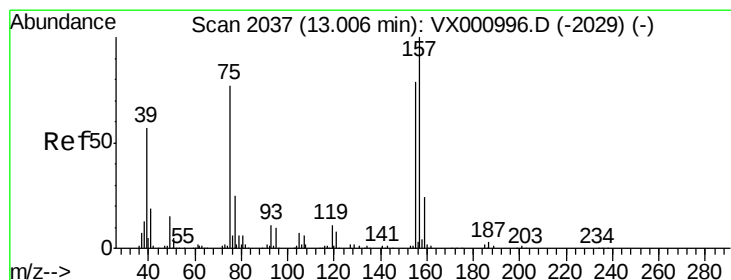
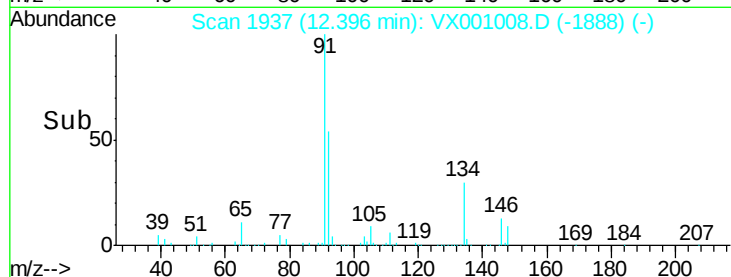
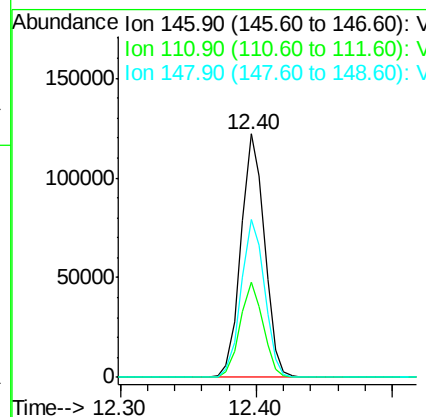
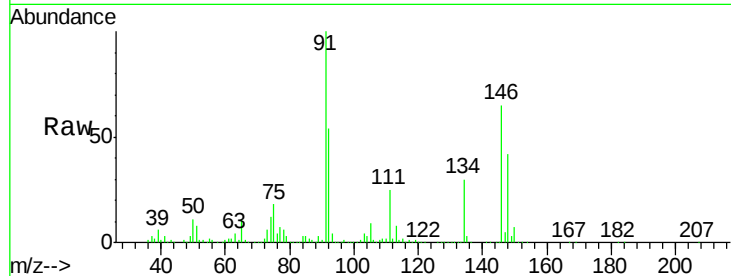




#91
1,2-Dichlorobenzene
Concen: 10.00 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

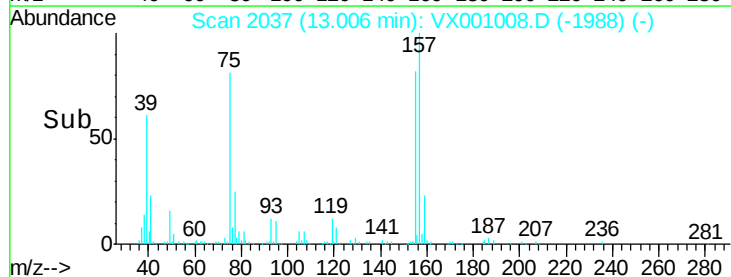
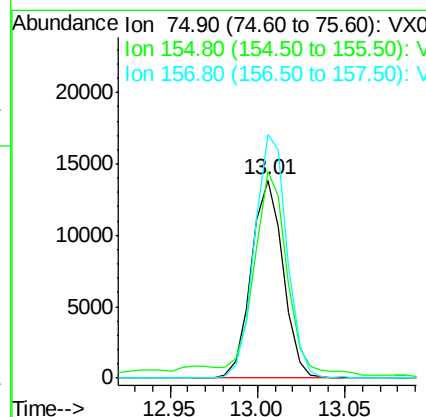
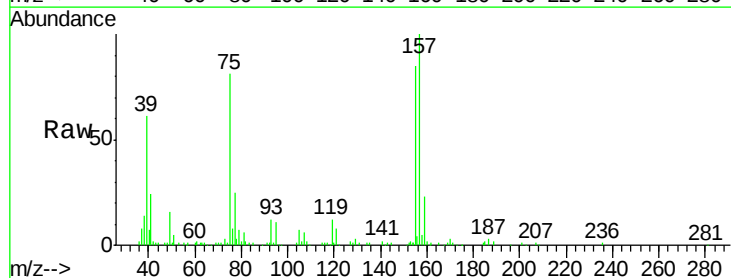
Instrument :
MSVOA_X
ClientSampleId :

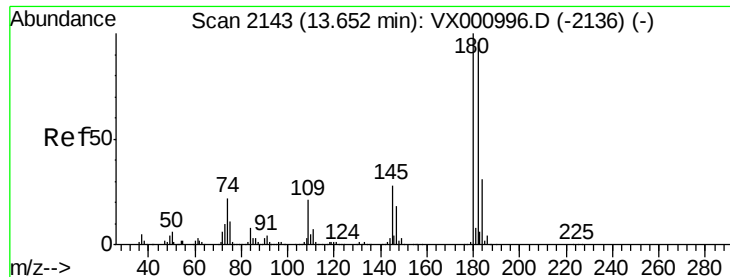
Tot Ion:146 Resp: 147355
Ion Ratio Lower Upper
146 100
111 38.2 18.6 56.0
148 64.7 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.50 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 75 Resp: 17428
Ion Ratio Lower Upper
75 100
155 114.3 51.0 153.0
157 126.3 64.9 194.7

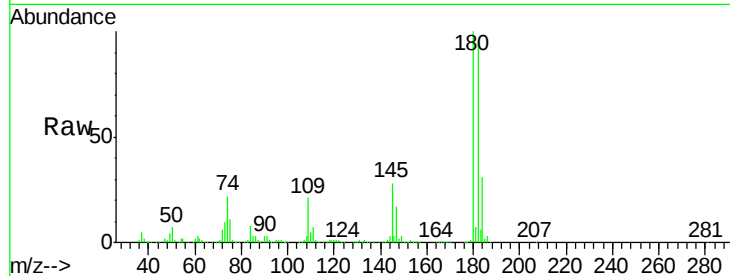




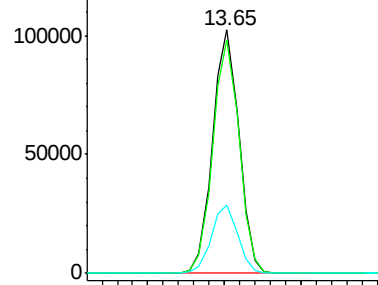
#93
 1,2,4-Trichlorobenzene
 Concen: 9.89 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Instrument :
 MSVOA_X
 ClientSampled :

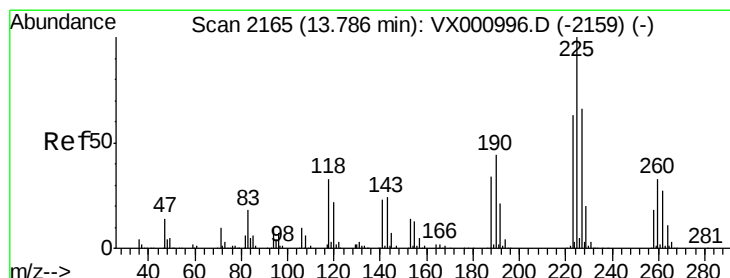
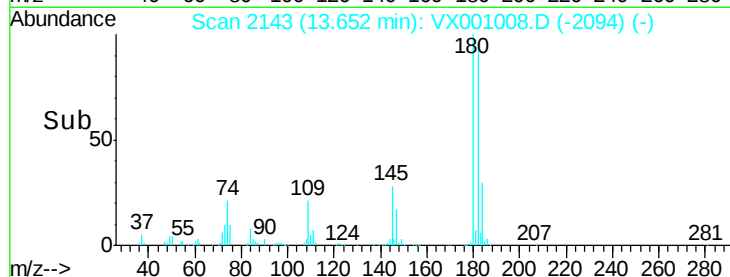
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.0
145	27.9	13.9	41.7



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

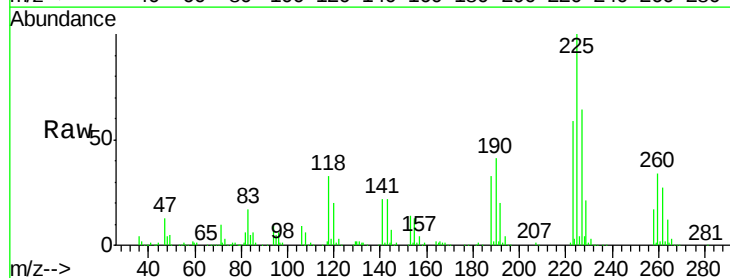


Time-->

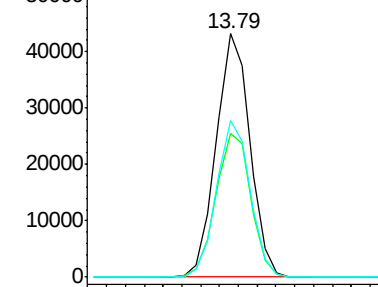


#94
 Hexachlorobutadiene
 Concen: 9.59 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

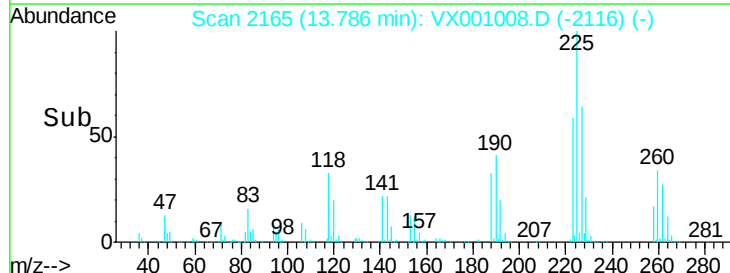
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.5	94.5
227	63.9	32.6	97.8

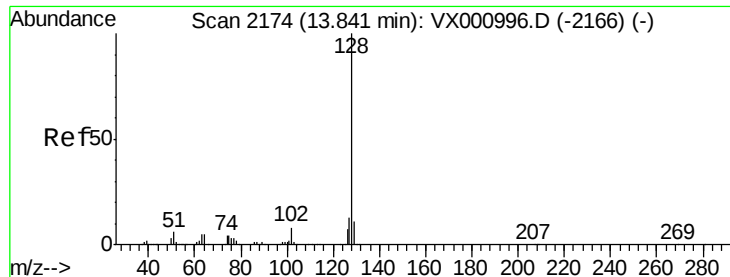


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 10.43 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

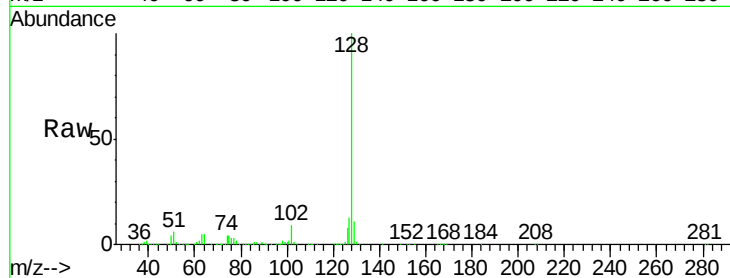
Tot Ion:128 Resp: 317145

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

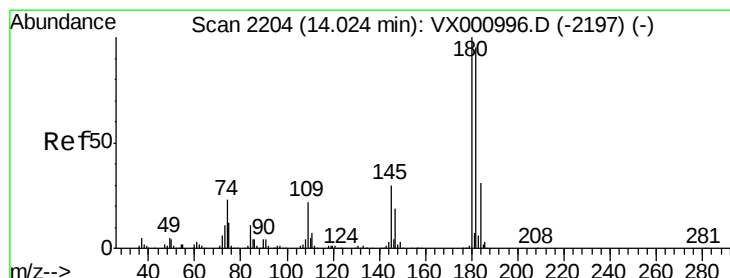
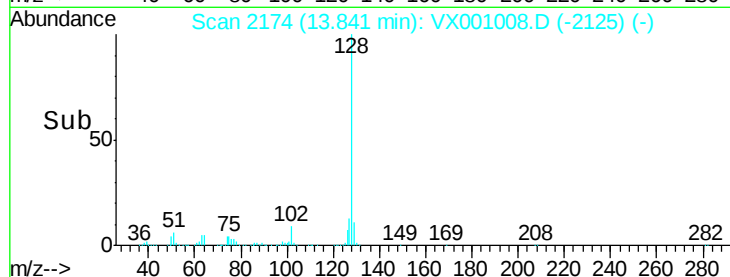
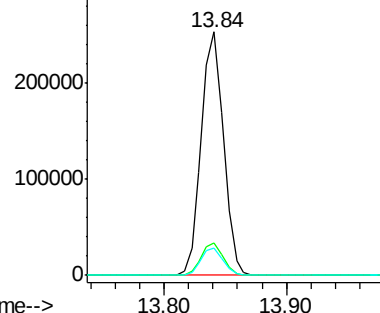
129 11.0 8.7 13.1



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: 9.92 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

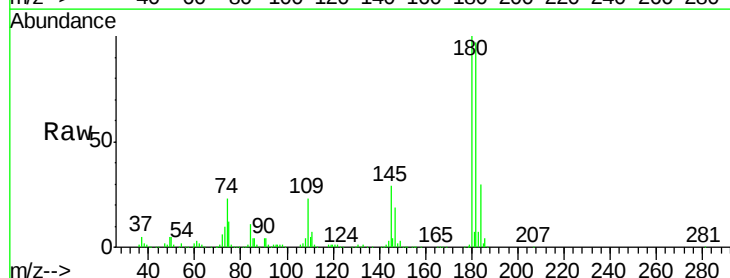
Tgt Ion:180 Resp: 118593

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.7

145 29.0 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

