

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002532.D
 Acq On : 14 Jun 2018 02:41
 Operator : JC/MD
 Sample : J3383-14
 Misc : 6.28g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 03:36:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	374594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	226104	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	167402	44.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.32%	
35) Dibromofluoromethane	5.51	113	124803	42.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.74%	
50) Toluene-d8	8.72	98	537028	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	11.15	95	215232	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	721	Below Cal		99
5) Bromomethane	1.64	94	1784	Below Cal		100
8) Diethyl Ether	2.20	74	147	Below Cal	#	1
10) Methyl Iodide	2.49	142	2191	0.55	ug/l	98
11) Tert butyl alcohol	3.12	59	438	Below Cal	#	73
13) Acrolein	2.35	56	7033	9.47	ug/l	# 81
14) Allyl chloride	2.81	41	58796	9.69	ug/l	# 72
15) Acrylonitrile	3.14	53	17948	1.60	ug/l	# 41
16) Acetone	2.48	43	3325	Below Cal		93
17) Carbon Disulfide	2.53	76	1911	0.26	ug/l	97
18) Methyl Acetate	2.81	43	152869	40.09	ug/l	# 58
19) Methyl tert-butyl Ether	3.12	73	97	Below Cal	#	1
20) Methylene Chloride	2.84	84	1847	Below Cal	#	1
22) Diisopropyl ether	3.87	45	225	Below Cal	#	69
23) Vinyl Acetate	3.79	43	6631	0.67	ug/l	# 85
25) 2-Butanone	4.74	43	1000	0.39	ug/l	# 82
28) Bromochloromethane	5.03	49	44	Below Cal	#	13
30) Chloroform	5.26	83	27521	4.75	ug/l	# 34
31) Cyclohexane	5.56	56	586901	123.74	ug/l	97
36) 1,1-Dichloropropene	5.66	75	17433	4.43	ug/l	# 53
38) Carbon Tetrachloride	5.66	117	23465	5.70	ug/l	# 16
39) Methylcyclohexane	7.46	83	998208	204.36	ug/l	99
40) Benzene	6.13	78	128502	10.64	ug/l	99
41) Methacrylonitrile	5.04	41	7453	2.75	ug/l	# 26
43) Isopropyl Acetate	6.28	43	94189	11.71	ug/l	# 63
45) 1,2-Dichloropropane	7.57	63	875	0.27	ug/l	# 1
46) Dibromomethane	7.63	93	1188	0.54	ug/l	# 1
47) Bromodichloromethane	7.84	83	8456	2.12	ug/l	# 1
48) Methyl methacrylate	7.73	41	73433	18.17	ug/l	# 54
51) 4-Methyl-2-Pentanone	8.67	43	36374	7.26	ug/l	# 52
52) Toluene	8.79	92	29439	3.83	ug/l	97
55) 1,1,2-Trichloroethane	9.27	97	4093	1.30	ug/l	# 2
56) Ethyl methacrylate	9.16	69	32374	6.42	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	8.34	63	1116	0.48	ug/l	# 48

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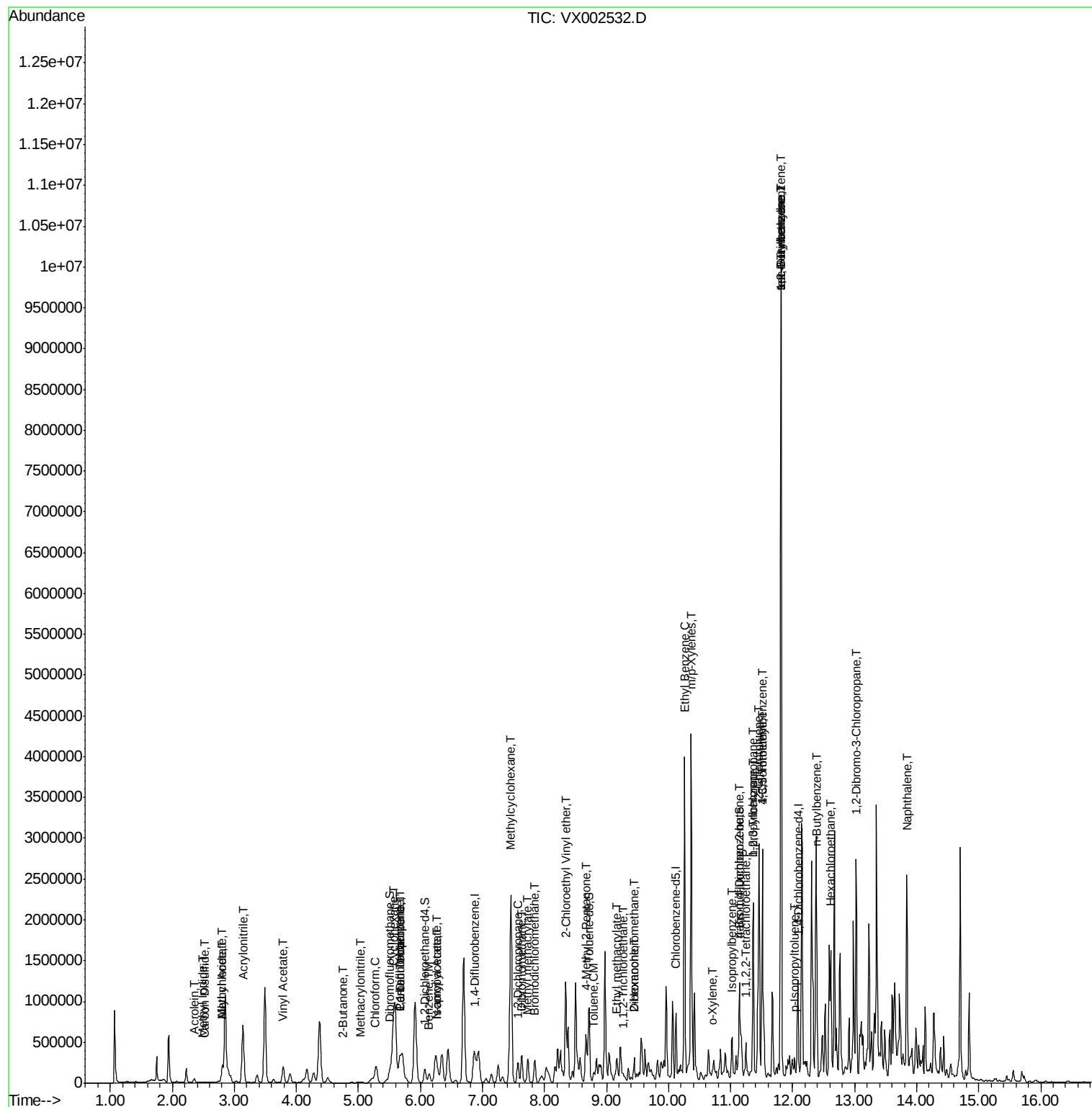
59) 2-Hexanone	9.45	43	95804	24.76	ug/l #	33
60) Dibromochloromethane	9.45	129	666	0.21	ug/l	60
67) Ethyl Benzene	10.26	91	2173942	145.68	ug/l	99
68) m/p-Xylenes	10.37	106	950546	163.86	ug/l	100
69) o-Xylene	10.70	106	19871	3.44	ug/l	95
73) Isopropylbenzene	11.02	105	226614	14.41	ug/l	99
74) N-amyl acetate	6.28	43	94189	11.11	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	11.25	83	10008	2.02	ug/l #	93
76) 1,2,3-Trichloropropane	11.37	75	8434	1.70	ug/l #	1
78) n-propylbenzene	11.37	91	1258875	72.01	ug/l	100
79) 2-Chlorotoluene	11.46	91	216669	19.63	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	1141587	84.62	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	108195	76.44	ug/l #	9
82) 4-Chlorotoluene	11.51	91	125304	9.83	ug/l #	45
83) tert-Butylbenzene	11.81	119	567116	43.17	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.81	105	4516279	325.21	ug/l	97
85) sec-Butylbenzene	11.81	105	4516279	293.24	ug/l #	56
86) p-Isopropyltoluene	12.03	119	69484	4.95	ug/l	96
89) n-Butylbenzene	12.39	91	486011	41.31	ug/l #	33
90) Hexachloroethane	12.62	117	52689	23.53	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	7601	7.03	ug/l #	3
95) Naphthalene	13.84	128	1484142	90.18	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

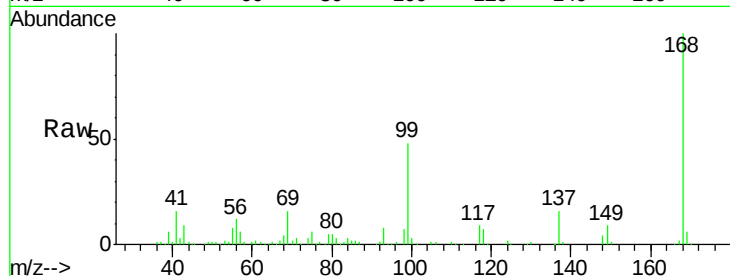
ClientSampleId :

Tot Ion:168 Resp: 262687

Ion Ratio Lower Upper

168 100

99 47.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

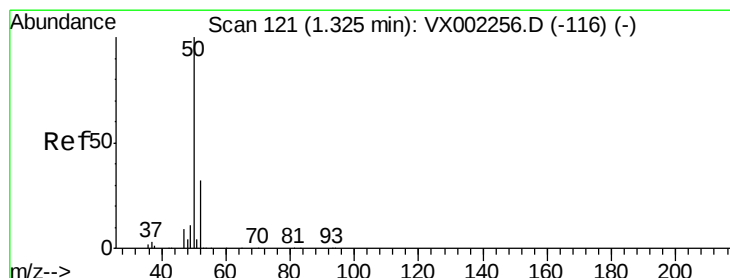
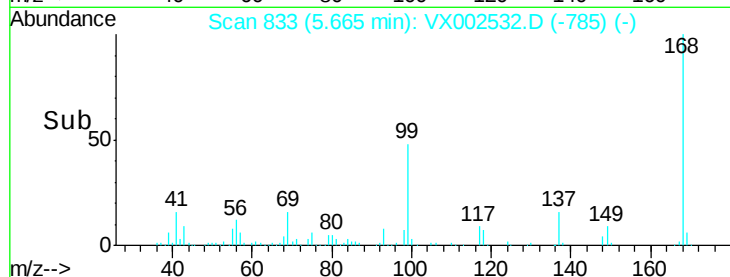
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX002532.D

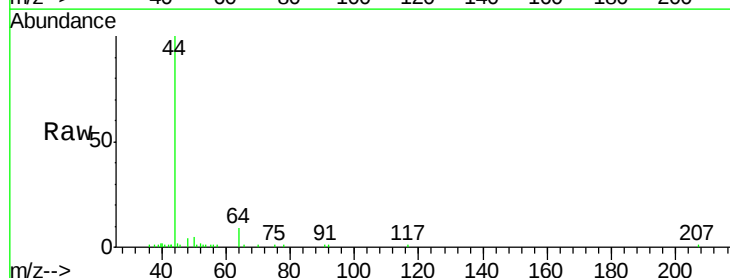
Acq: 14 Jun 2018 02:41

Tgt Ion: 50 Resp: 721

Ion Ratio Lower Upper

50 100

52 32.5 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

300

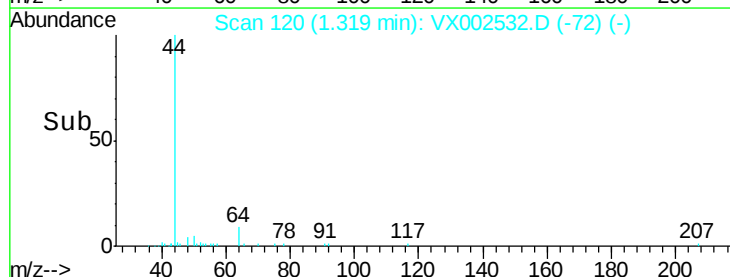
200

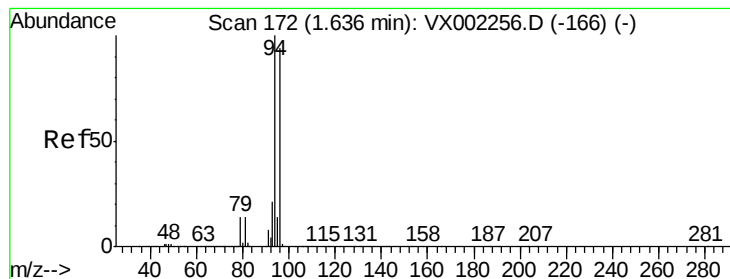
100

0

Time-->

1.25 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

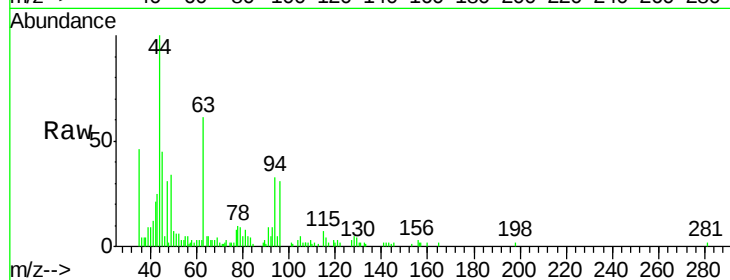
ClientSampled :

Tot Ion: 94 Resp: 1784

Ion Ratio Lower Upper

94 100

96 93.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1500

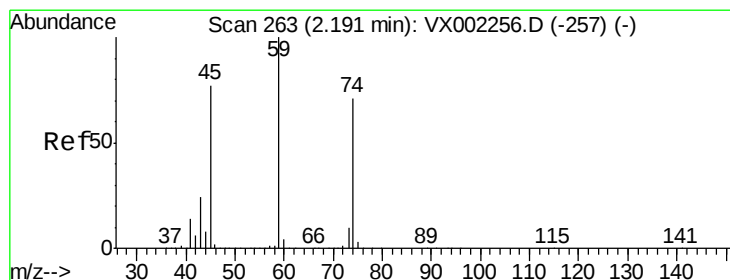
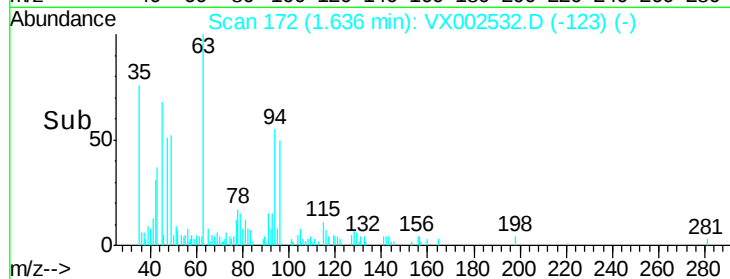
1000

500

0

1.60 1.65 1.70

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 2.20 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX002532.D

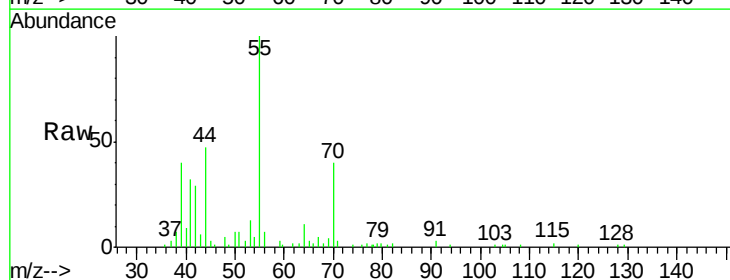
Acq: 14 Jun 2018 02:41

Tgt Ion: 74 Resp: 147

Ion Ratio Lower Upper

74 100

45 0.0 53.1 159.4#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

400

300

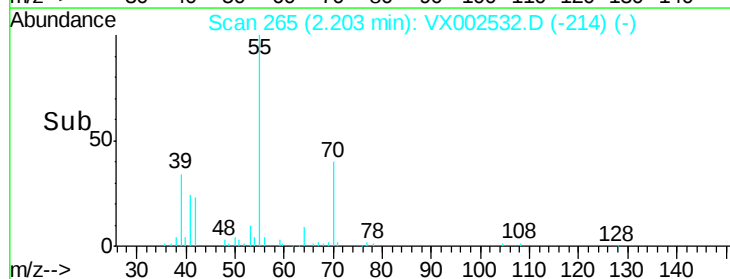
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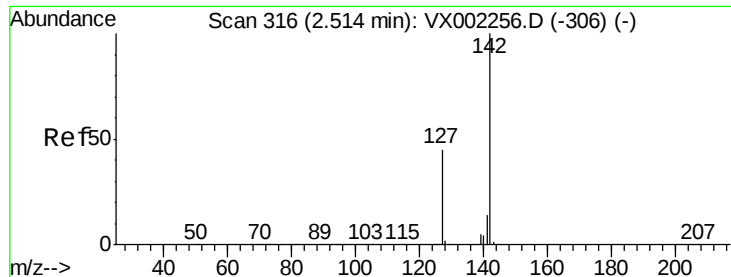
100

0

2.16 2.18 2.20 2.22

Time-->

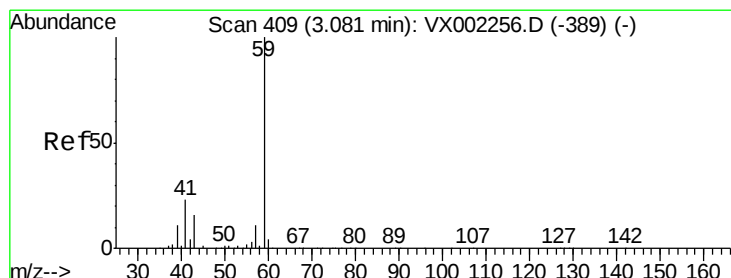
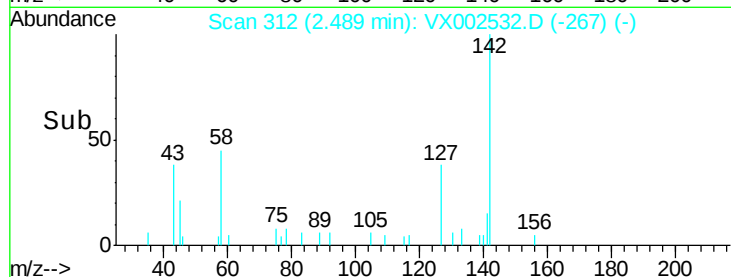
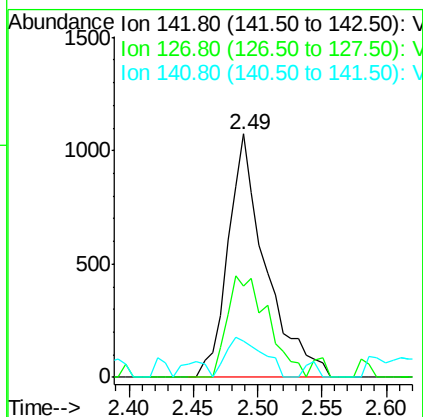
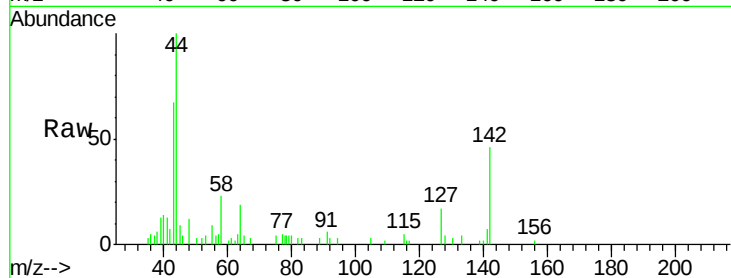




#10
Methyl Iodide
Concen: 0.55 ug/l
RT: 2.49 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

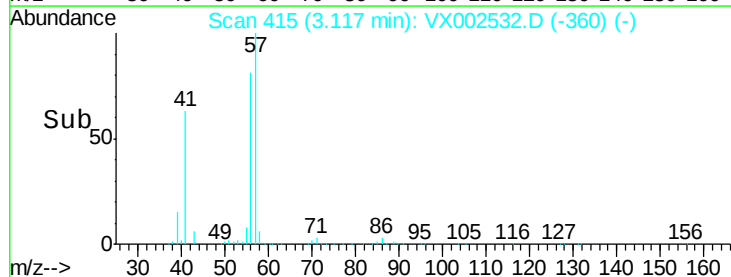
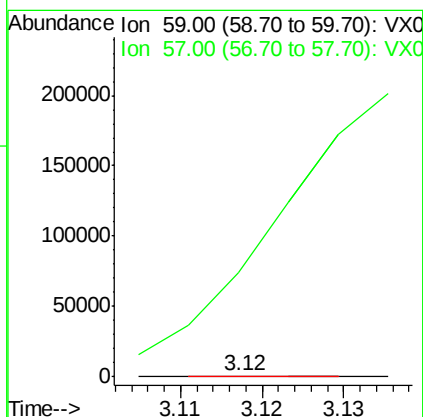
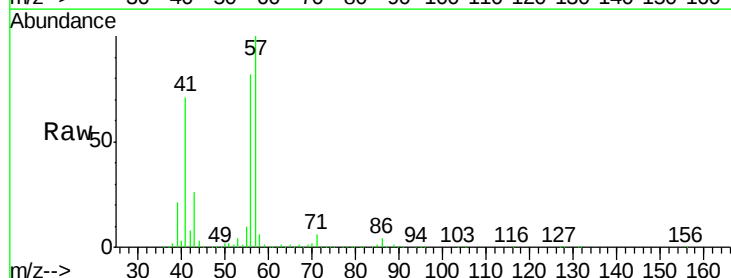
Instrument :
MSVOA_X
ClientSampled :

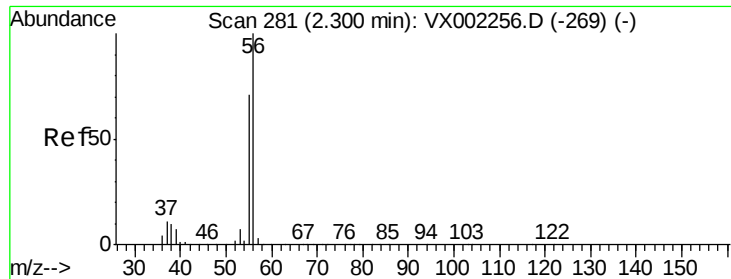
Tot Ion:142 Resp: 2191
Ion Ratio Lower Upper
142 100
127 45.1 36.6 55.0
141 15.9 11.3 16.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.12 min Scan# 415
Delta R.T. 0.04 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

Tgt Ion: 59 Resp: 438
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: 9.47 ug/l

RT: 2.35 min Scan# 289

Delta R.T. 0.05 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

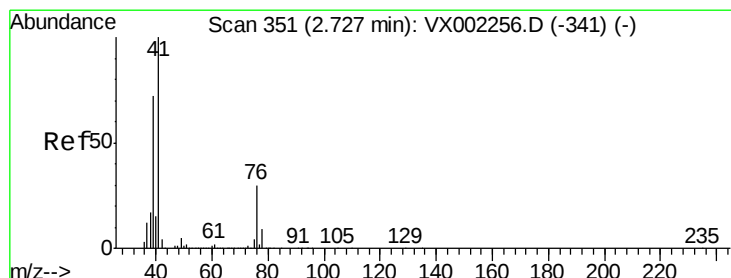
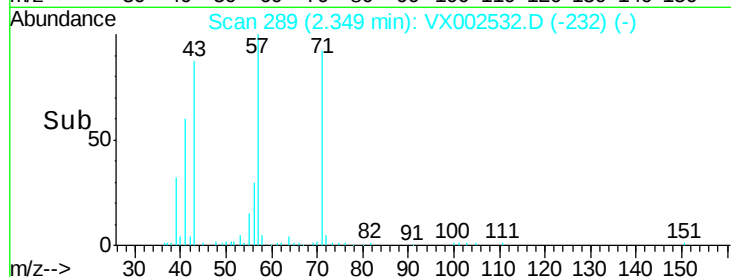
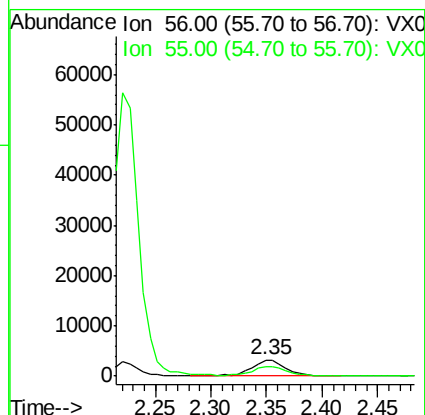
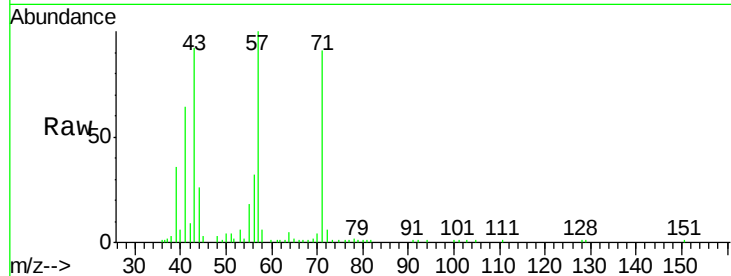
ClientSampled :

Tot Ion: 56 Resp: 7033

Ion Ratio Lower Upper

56 100

55 55.5 57.0 85.4#



#14

Allyl chloride

Concen: 9.69 ug/l

RT: 2.81 min Scan# 364

Delta R.T. 0.08 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

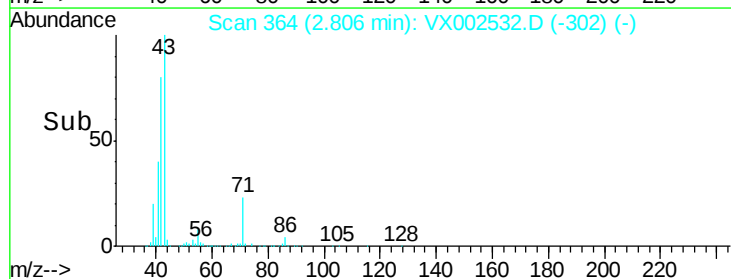
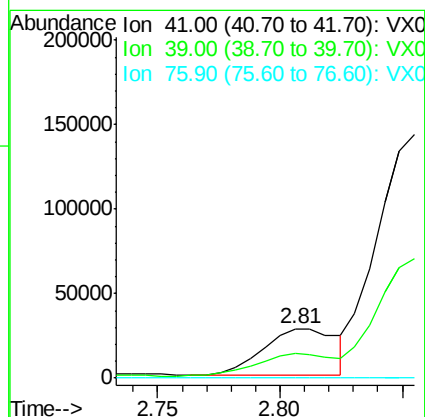
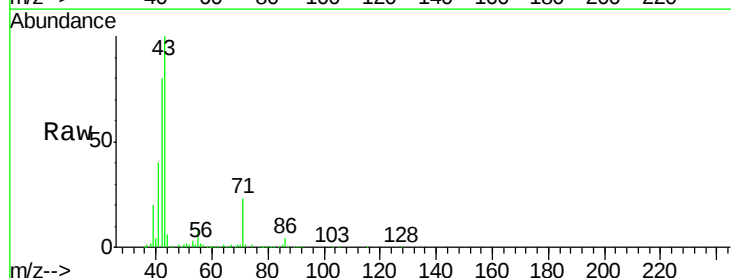
Tgt Ion: 41 Resp: 58796

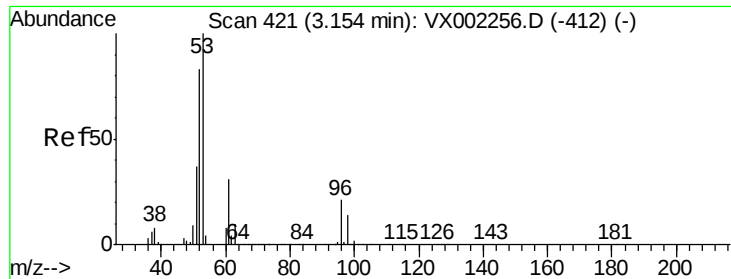
Ion Ratio Lower Upper

41 100

39 57.6 56.8 85.2

76 0.0 23.8 35.8#





#15

Acrylonitrile

Concen: 1.60 ug/l

RT: 3.14 min Scan# 418

Delta R.T. -0.02 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

ClientSampled :

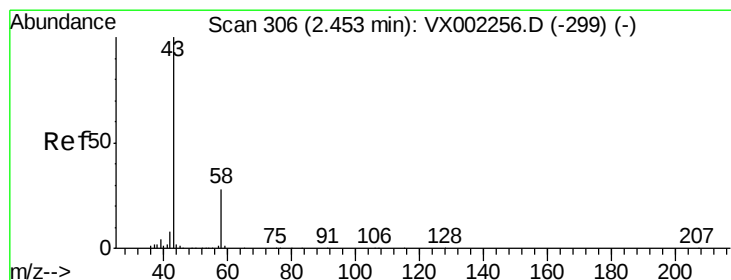
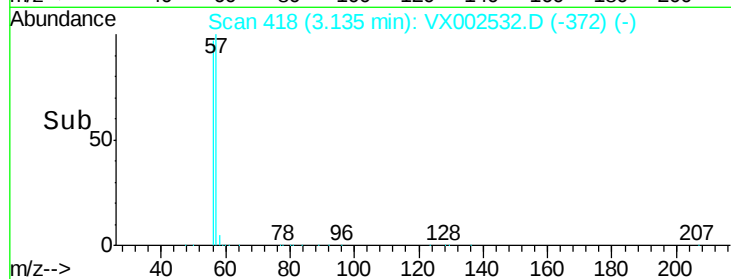
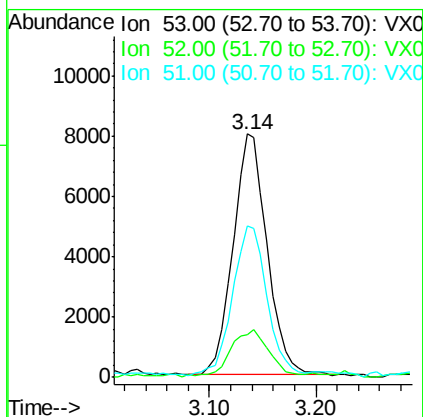
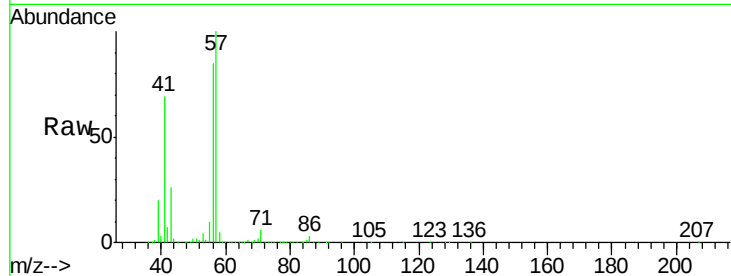
Tot Ion: 53 Resp: 17948

Ion Ratio Lower Upper

53 100

52 22.9 66.7 100.1#

51 62.5 29.9 44.9#



#16

Acetone

Concen: Below Cal

RT: 2.48 min Scan# 311

Delta R.T. 0.03 min

Lab File: VX002532.D

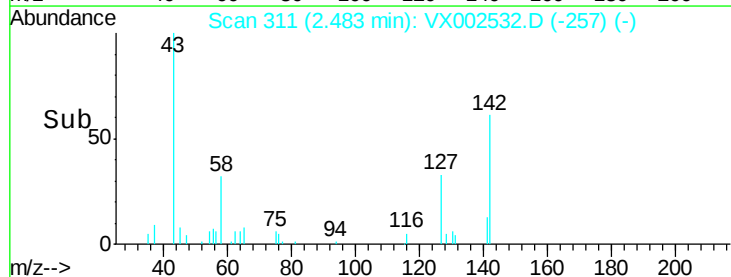
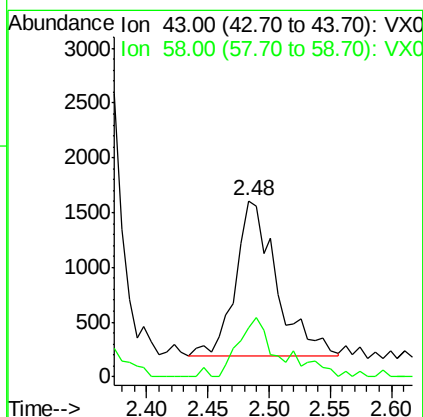
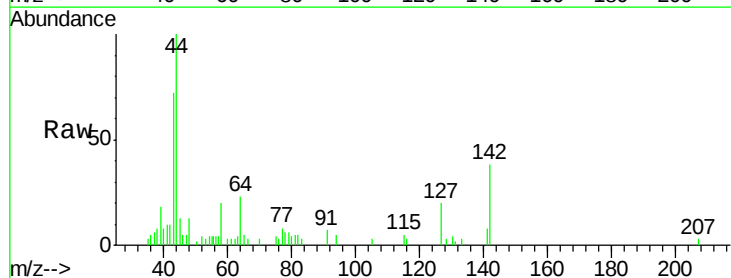
Acq: 14 Jun 2018 02:41

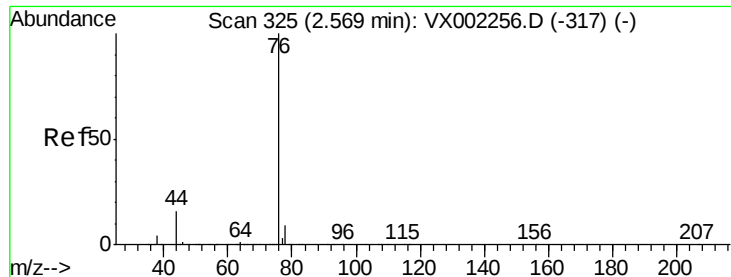
Tgt Ion: 43 Resp: 3325

Ion Ratio Lower Upper

43 100

58 31.3 22.1 33.1

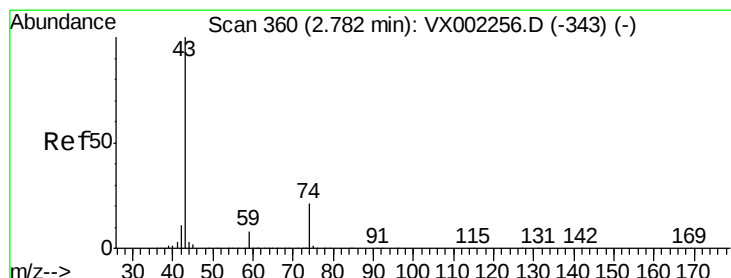
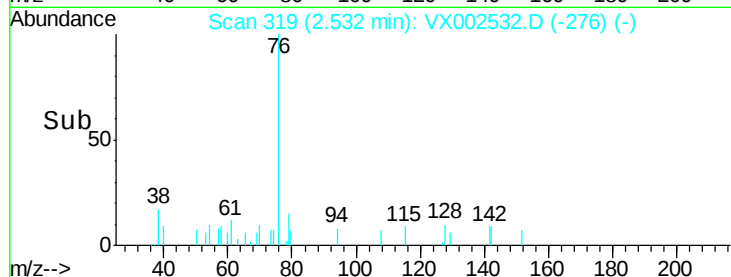
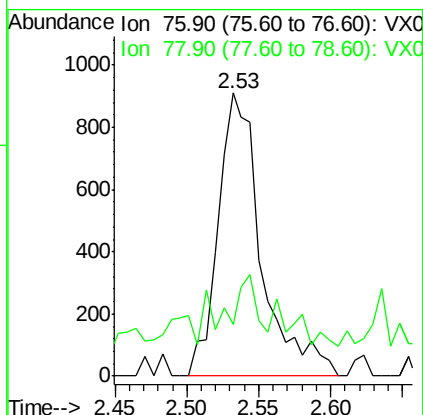
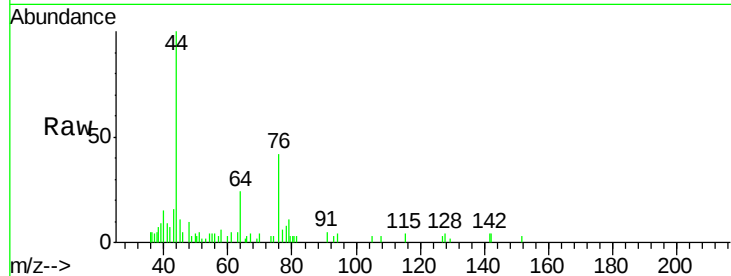




#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 2.53 min Scan# 319
Delta R.T. -0.04 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

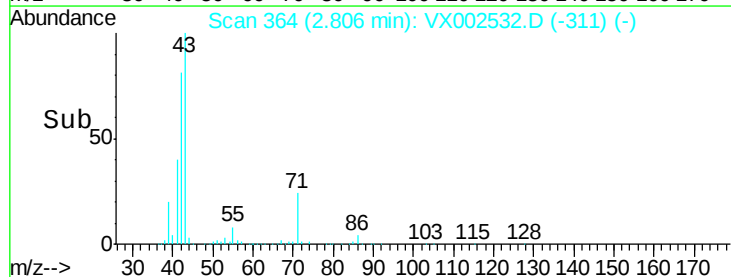
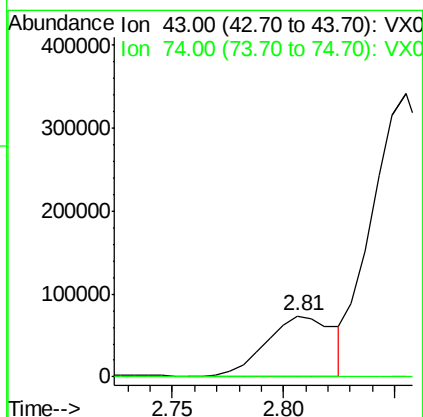
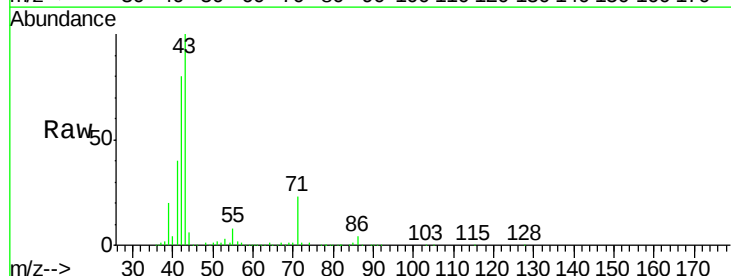
Instrument :
MSVOA_X
ClientSampled :

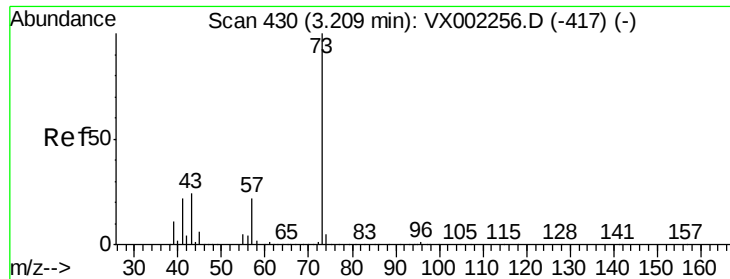
Tot Ion: 76 Resp: 1911
Ion Ratio Lower Upper
76 100
78 7.5 6.9 10.3



#18
Methyl Acetate
Concen: 40.09 ug/l
RT: 2.81 min Scan# 364
Delta R.T. 0.02 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

Tgt Ion: 43 Resp: 152869
Ion Ratio Lower Upper
43 100
74 1.4 16.7 25.1#

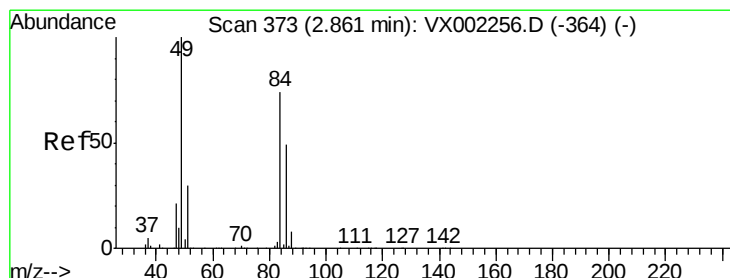
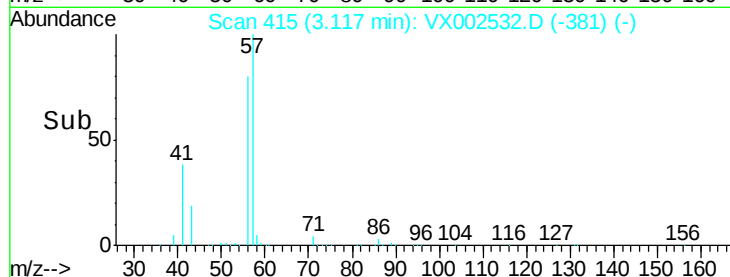
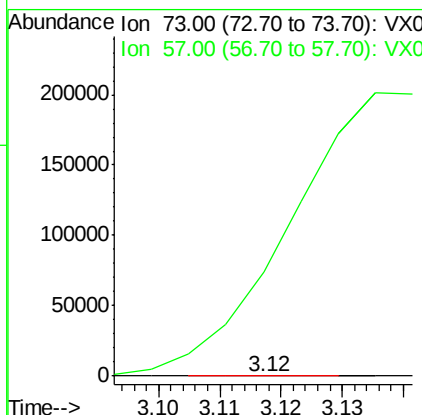
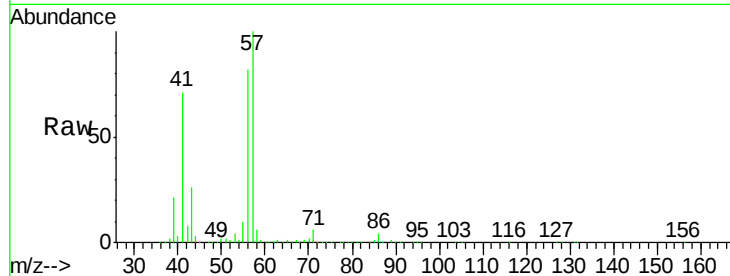




#19
Methvl tert-butvl Ether
Concen: Below Cal
RT: 3.12 min Scan# 415
Delta R.T. -0.09 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

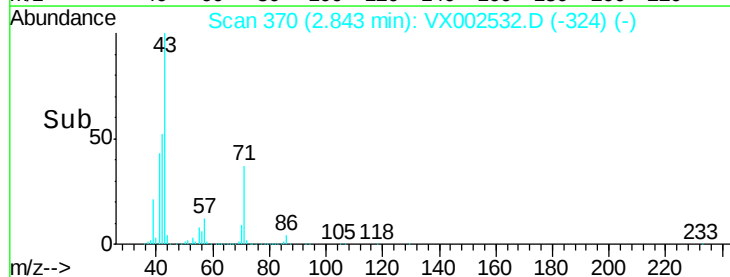
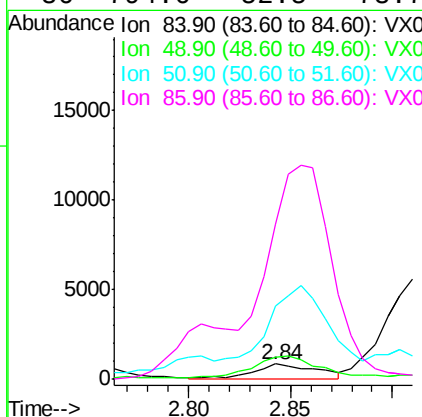
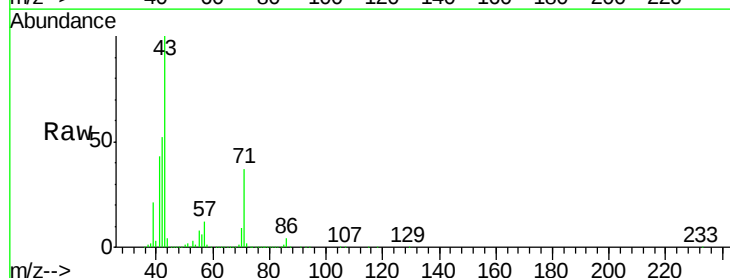
Instrument :
MSVOA_X
ClientSampleId :

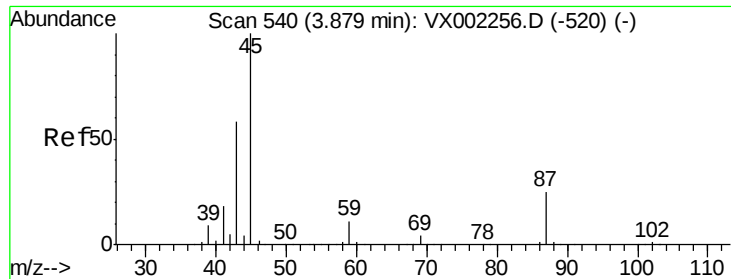
Tot Ion: 73 Resp: 97
Ion Ratio Lower Upper
73 100
57 70106.0 17.7 26.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 370
Delta R.T. -0.02 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

Tgt Ion: 84 Resp: 1847
Ion Ratio Lower Upper
84 100
49 144.0 107.8 161.6
51 373.1 32.8 49.2#
86 794.6 52.5 78.7#



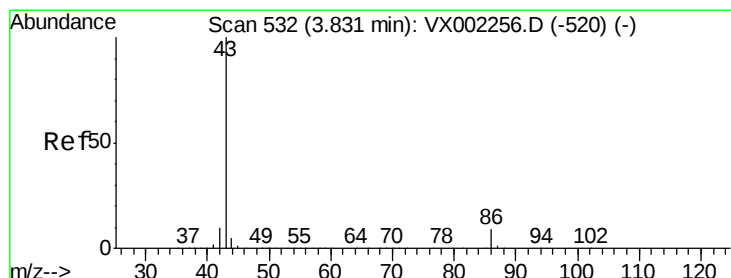
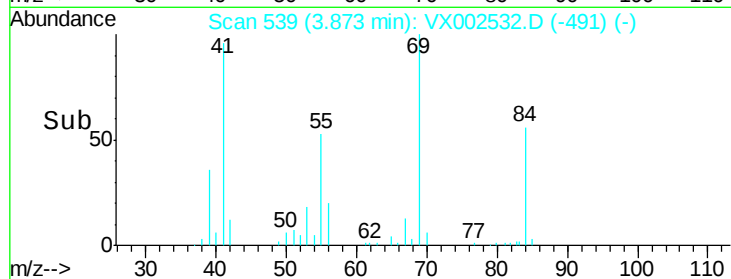
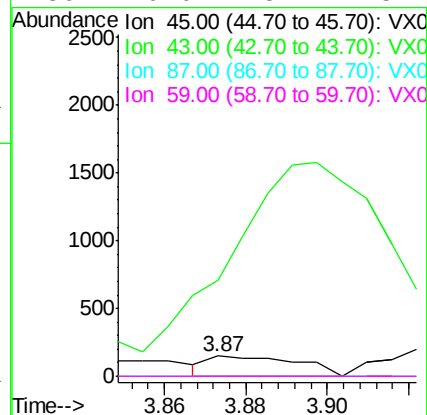
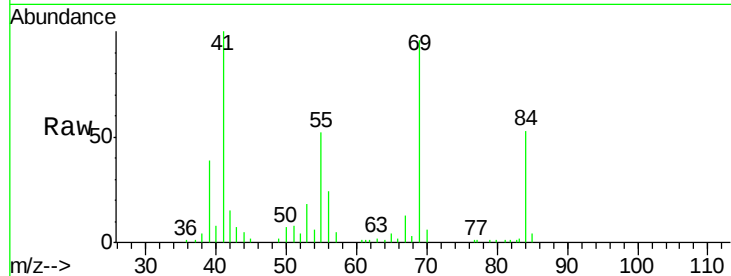


#22

Diisopropyl ether
Concen: Below Cal
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

Instrument :
MSVOA_X
ClientSampleId :

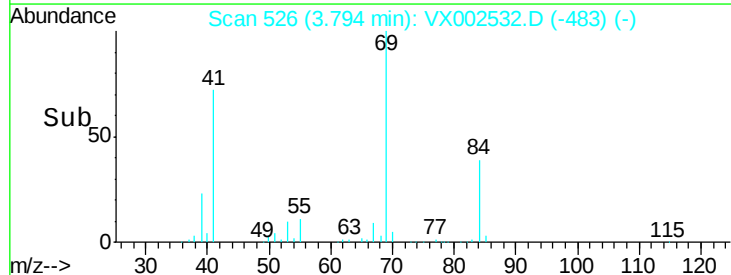
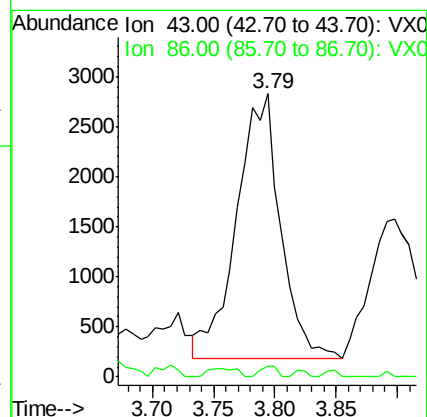
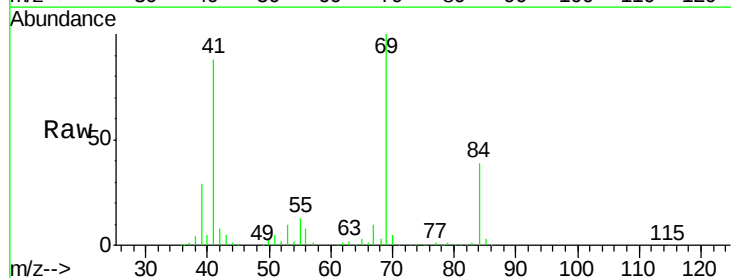
Tot Ion:	45	Resp:	225
Ion	Ratio	Lower	Upper
45	100		
43	75.7	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

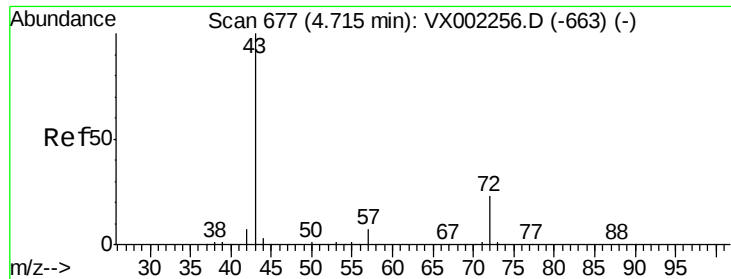


#23

Vinyl Acetate
Concen: 0.67 ug/l
RT: 3.79 min Scan# 526
Delta R.T. -0.04 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

Tgt Ion:	43	Resp:	6631
Ion	Ratio	Lower	Upper
43	100		
86	3.8	7.4	11.0#





#25

2-Butanone

Concen: 0.39 ug/l

RT: 4.74 min Scan# 682

Delta R.T. 0.03 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

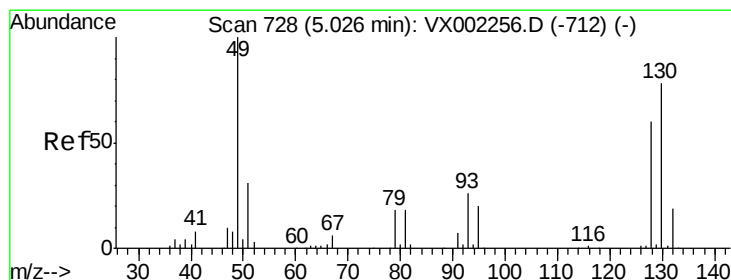
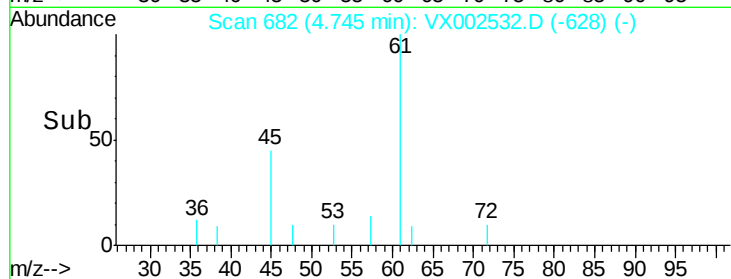
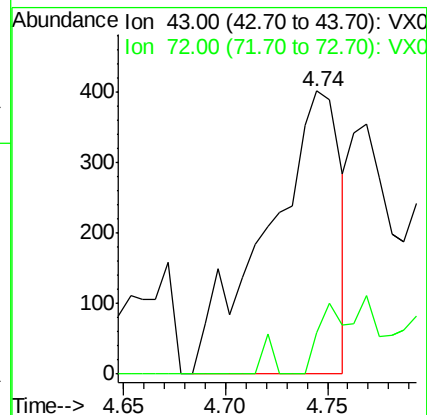
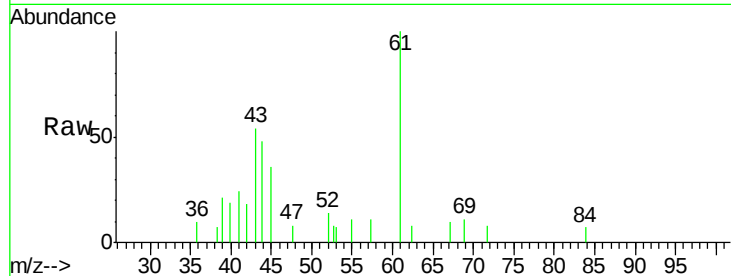
ClientSampleId :

Tot Ion: 43 Resp: 1000

Ion Ratio Lower Upper

43 100

72 14.4 18.5 27.7#



#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

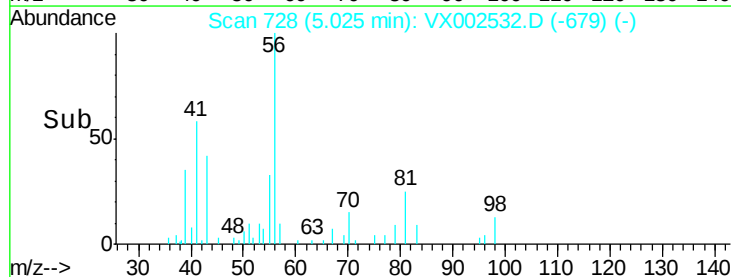
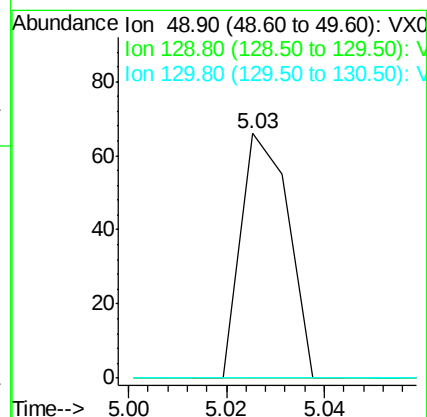
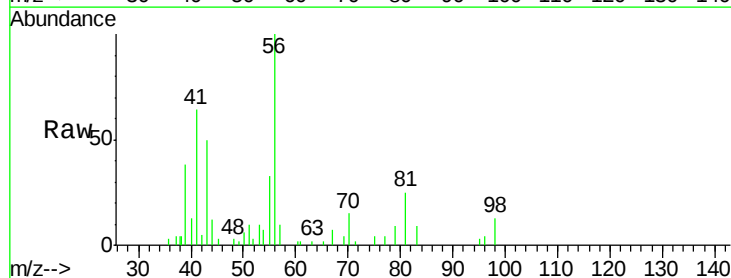
Tgt Ion: 49 Resp: 44

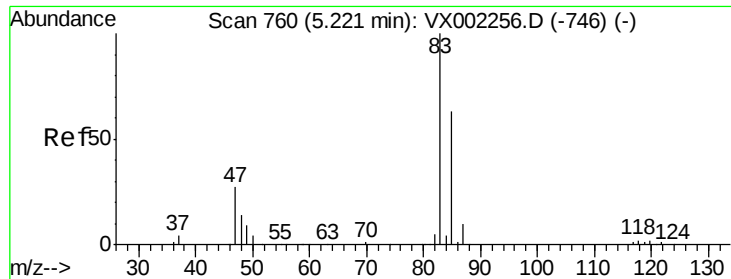
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 61.2 91.8#

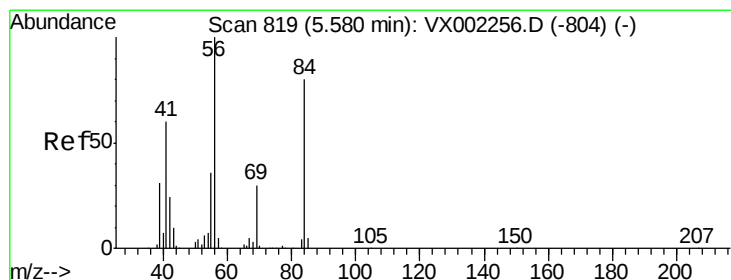
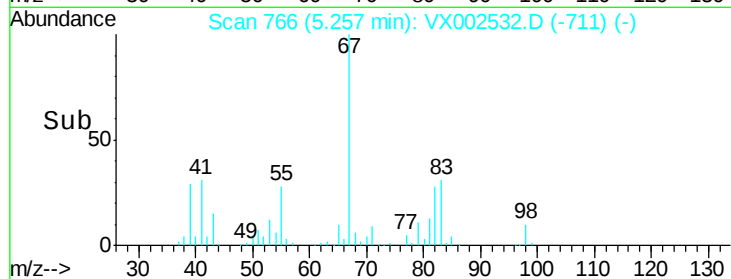
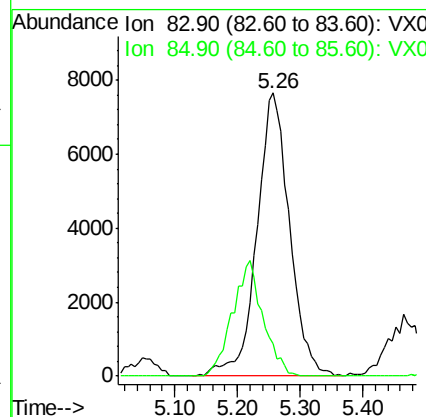
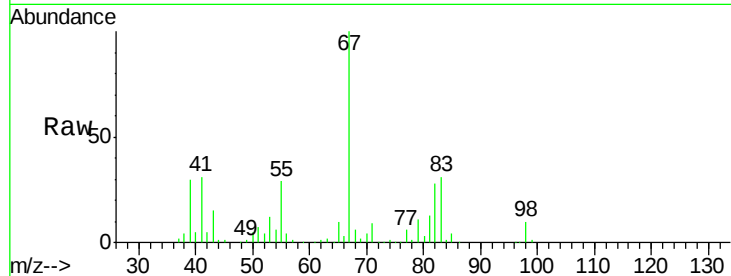




#30
Chloroform
Concen: 4.75 ug/l
RT: 5.26 min Scan# 766
Delta R.T. 0.04 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

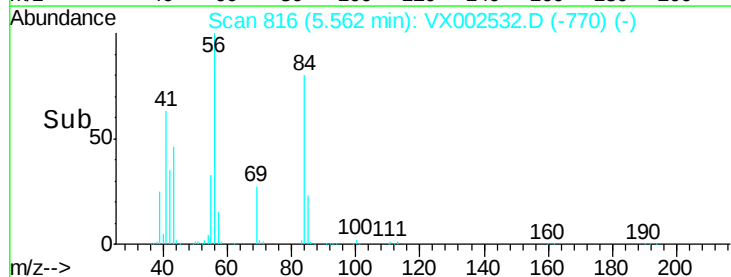
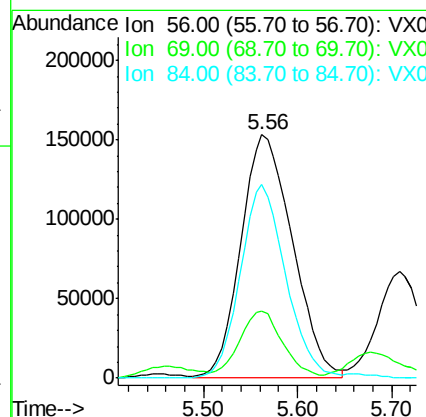
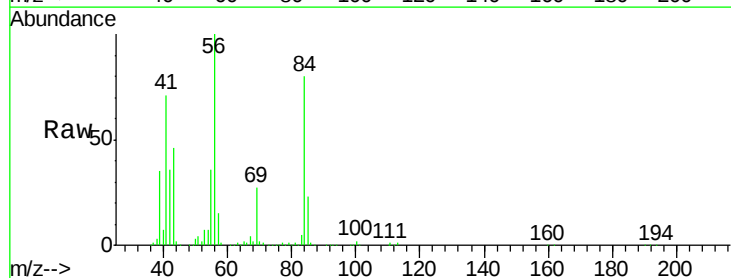
Instrument :
MSVOA_X
ClientSampleId :

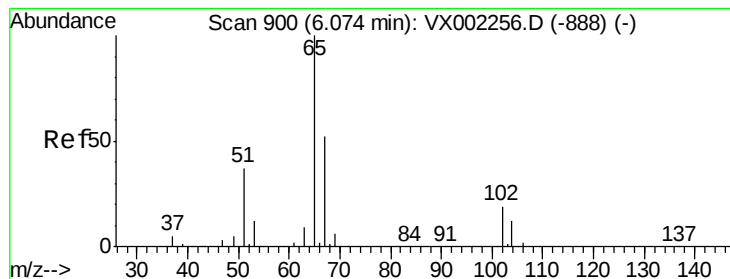
Tot Ion: 83 Resp: 27521
Ion Ratio Lower Upper
83 100
85 11.5 50.4 75.6#



#31
Cyclohexane
Concen: 123.74 ug/l
RT: 5.56 min Scan# 816
Delta R.T. -0.02 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

Tgt Ion: 56 Resp: 586901
Ion Ratio Lower Upper
56 100
69 24.4 23.7 35.5
84 80.1 64.1 96.1





#33

1,2-Dichloroethane-d4

Concen: 44.16 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

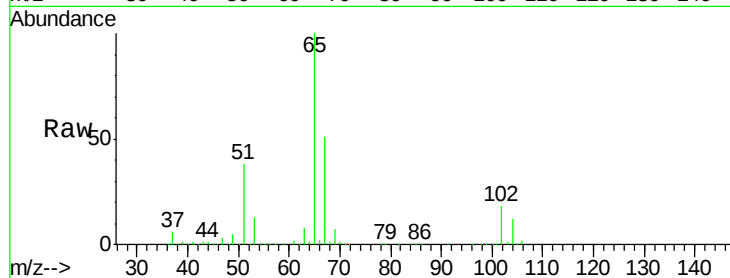
ClientSampleId :

Tot Ion: 65 Resp: 167402

Ion Ratio Lower Upper

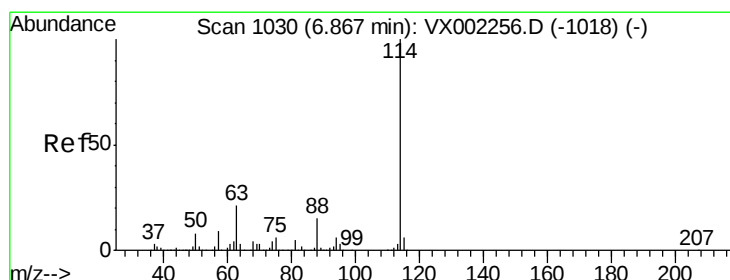
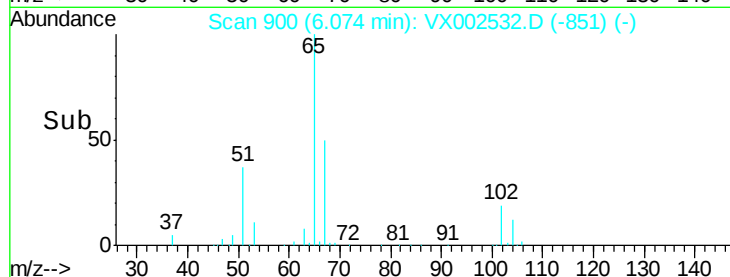
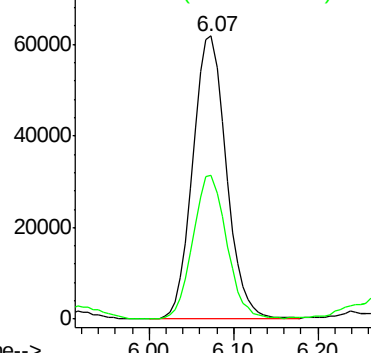
65 100

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: VX002532.D

Acq: 14 Jun 2018 02:41

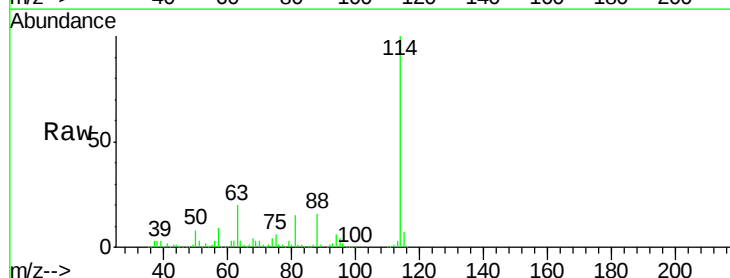
Tgt Ion: 114 Resp: 374594

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

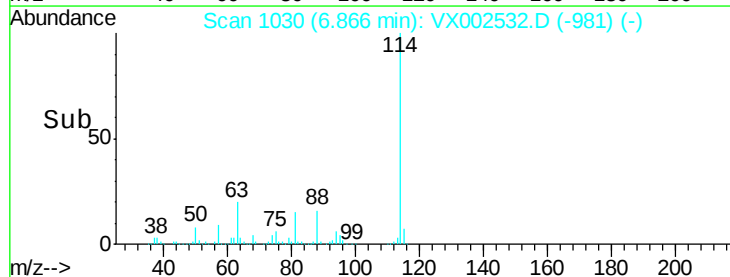
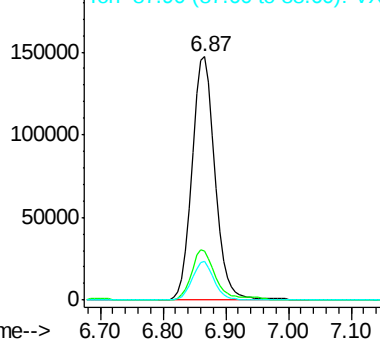
88 15.8 0.0 30.0

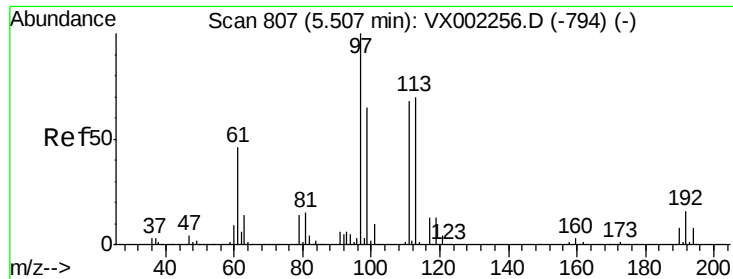


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 42.37 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

ClientSampled :

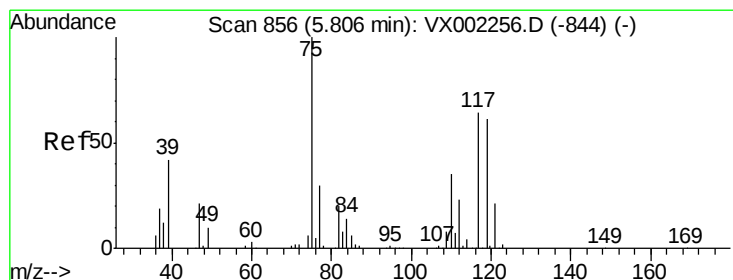
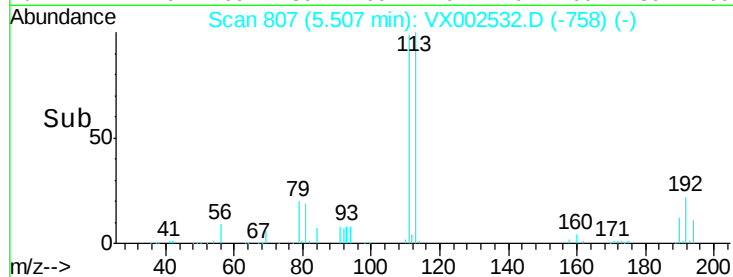
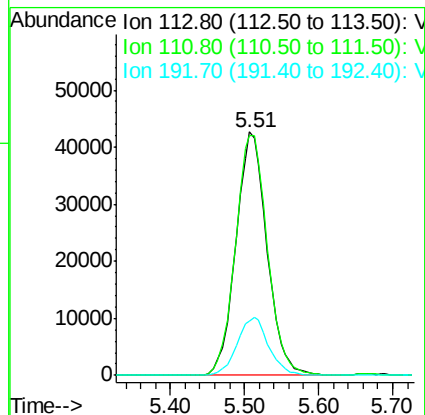
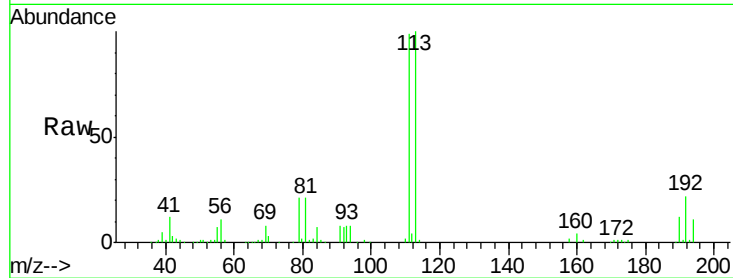
Tot Ion:113 Resp: 124803

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 24.1 19.1 28.7



#36

1,1-Dichloropropene

Concen: 4.43 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.15 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

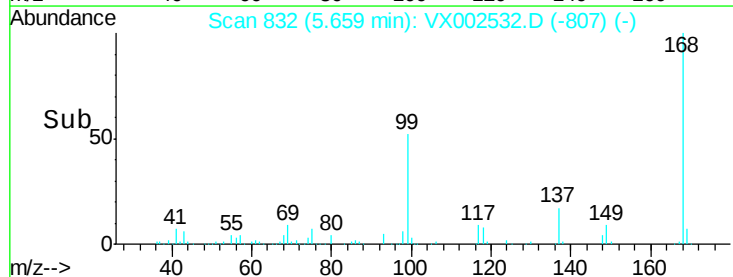
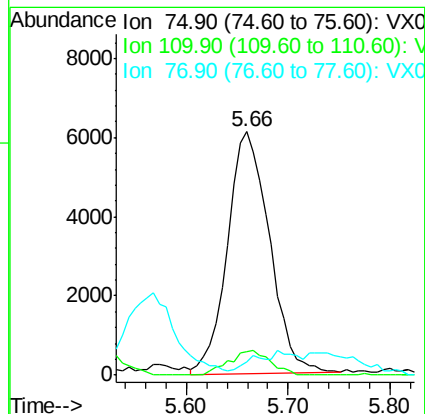
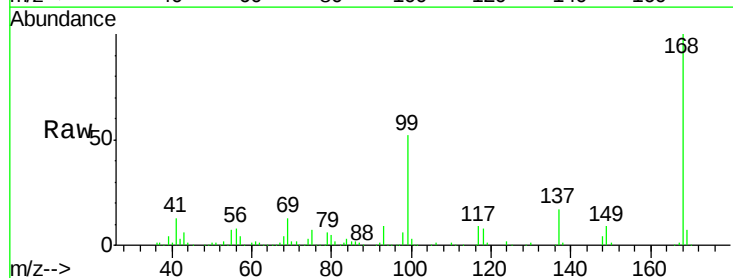
Tgt Ion: 75 Resp: 17433

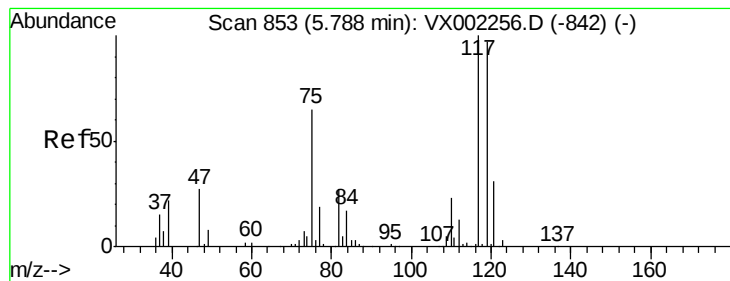
Ion Ratio Lower Upper

75 100

110 10.2 18.1 54.4#

77 3.2 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.70 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.13 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

ClientSampleId :

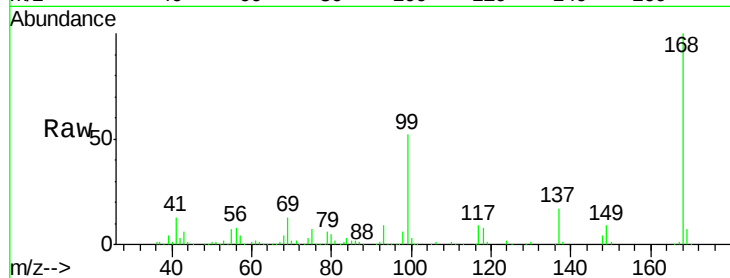
Tot Ion:117 Resp: 23465

Ion Ratio Lower Upper

117 100

119 5.5 77.4 116.0#

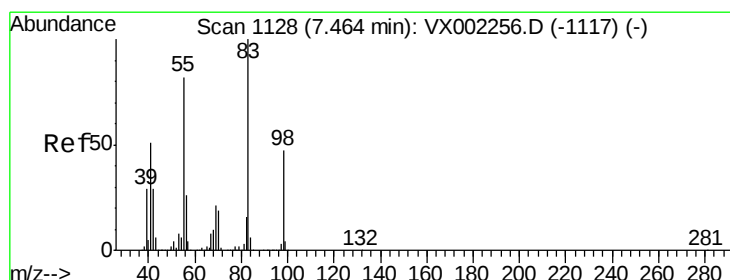
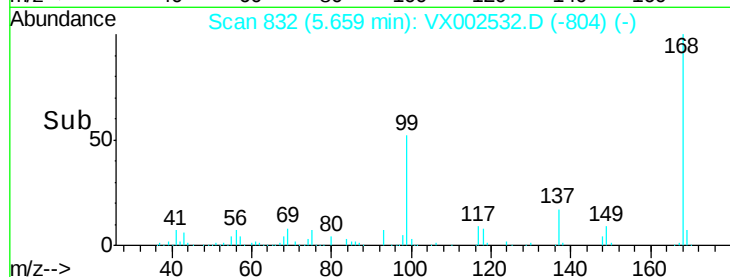
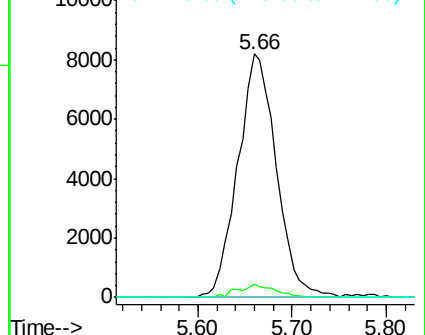
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 204.36 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

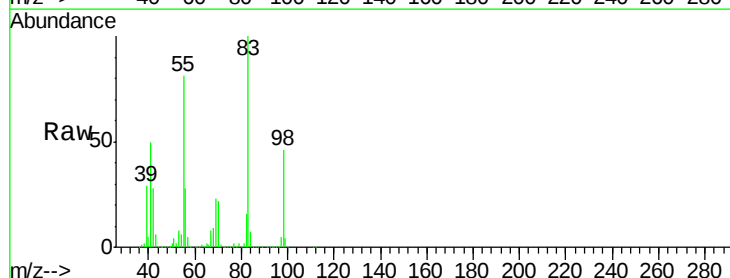
Tgt Ion: 83 Resp: 998208

Ion Ratio Lower Upper

83 100

55 81.3 65.4 98.0

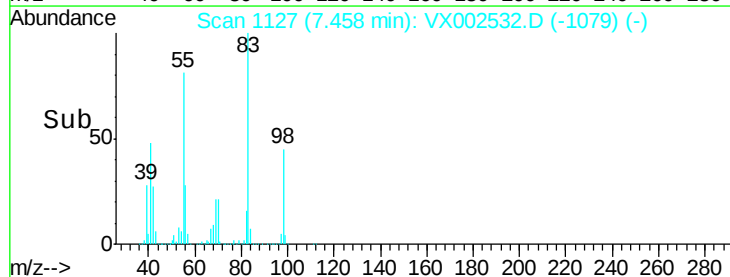
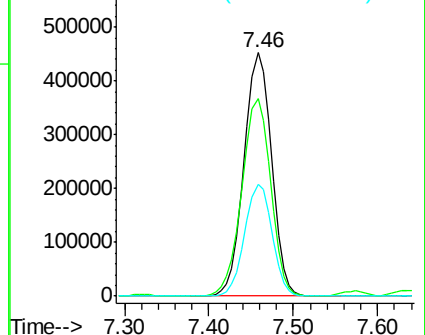
98 46.1 37.4 56.0

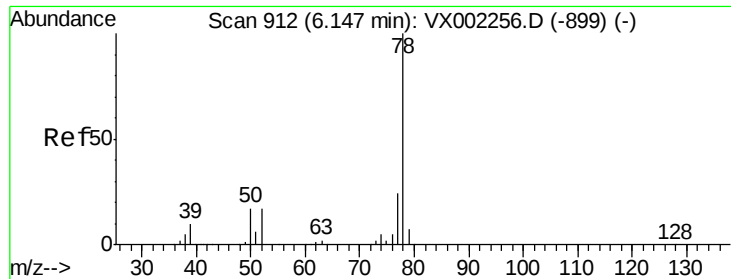


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 10.64 ug/l

RT: 6.13 min Scan# 910

Delta R.T. -0.01 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

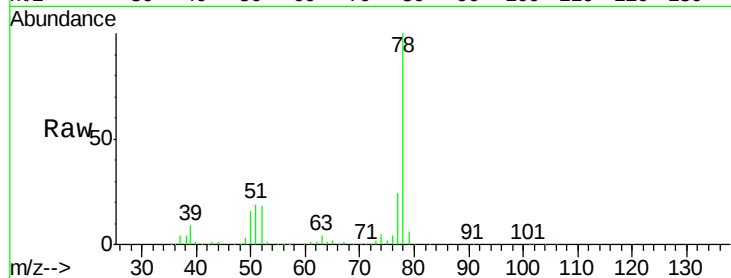
ClientSampled :

Tot Ion: 78 Resp: 128502

Ion Ratio Lower Upper

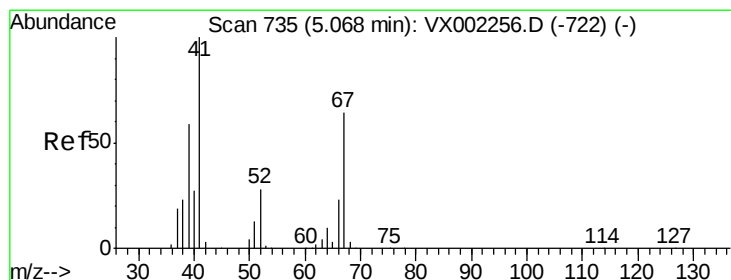
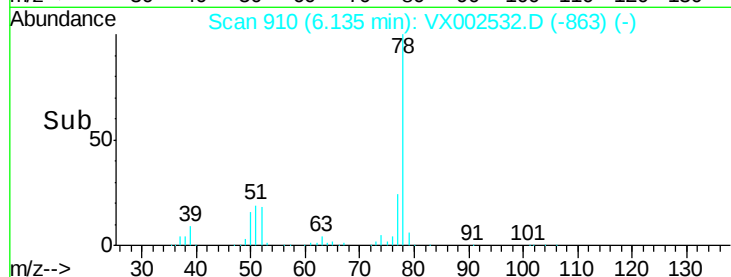
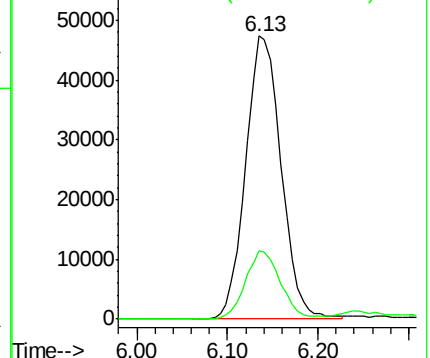
78 100

77 24.2 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 2.75 ug/l

RT: 5.04 min Scan# 730

Delta R.T. -0.03 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Tgt Ion: 41 Resp: 7453

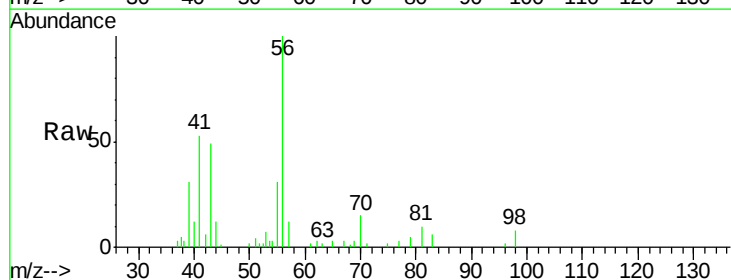
Ion Ratio Lower Upper

41 100

39 0.0 45.8 68.6#

67 0.0 51.3 76.9#

52 3.8 23.0 34.6#

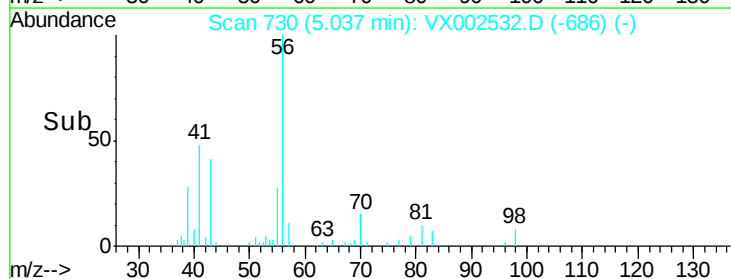
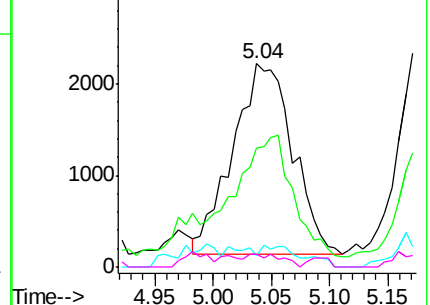


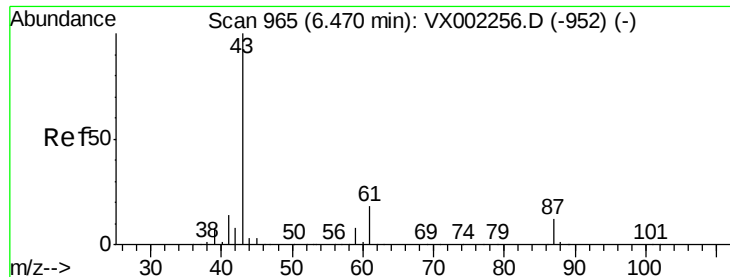
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



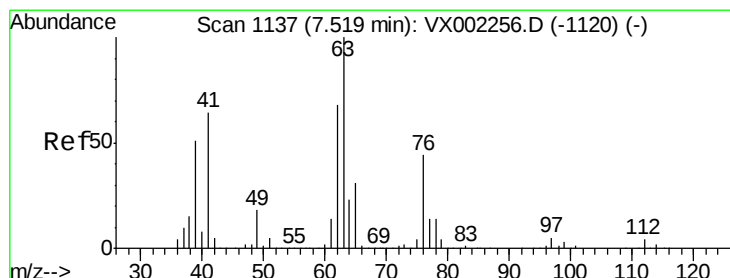
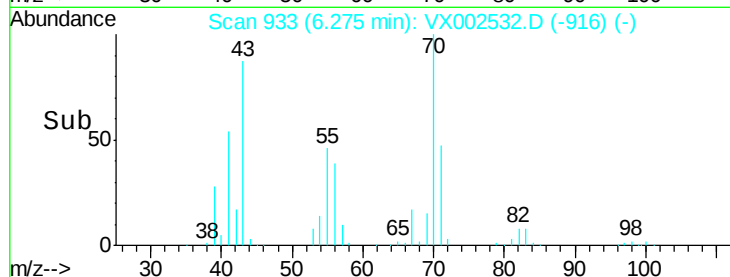
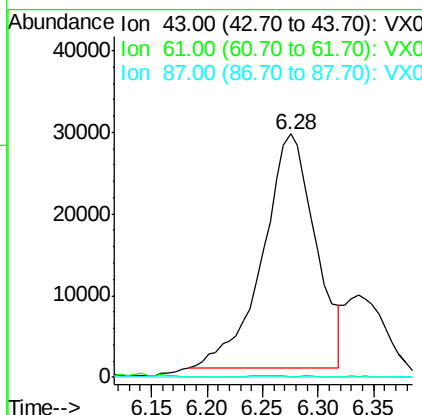
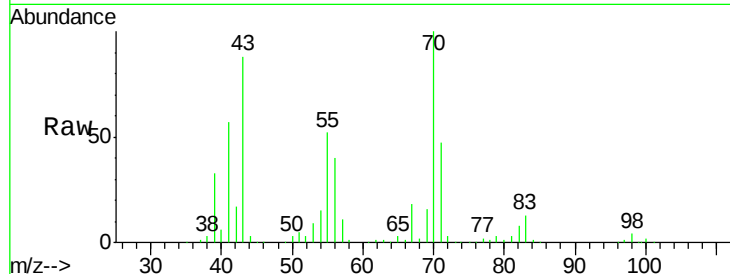


#43

Isopropyl Acetate
 Concen: 11.71 ug/l
 RT: 6.28 min Scan# 933
 Delta R.T. -0.20 min
 Lab File: VX002532.D
 Acq: 14 Jun 2018 02:41

Instrument :
 MSVOA_X
 ClientSampleId :

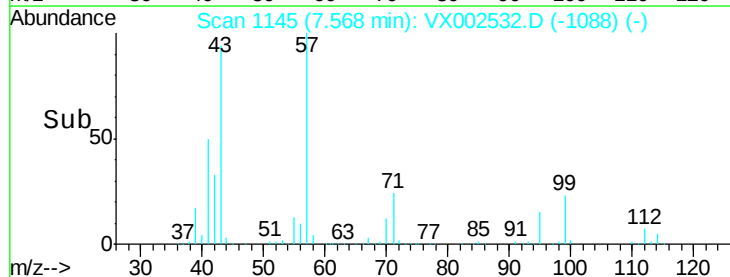
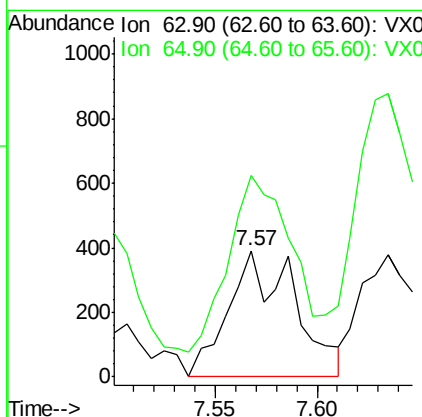
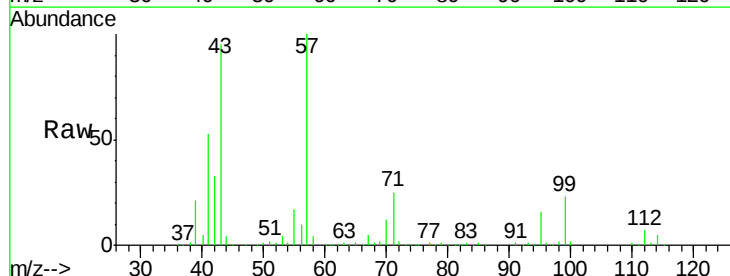
Tot Ion: 43 Resp: 94189
 Ion Ratio Lower Upper
 43 100
 61 0.1 14.4 21.6#
 87 0.0 9.5 14.3#

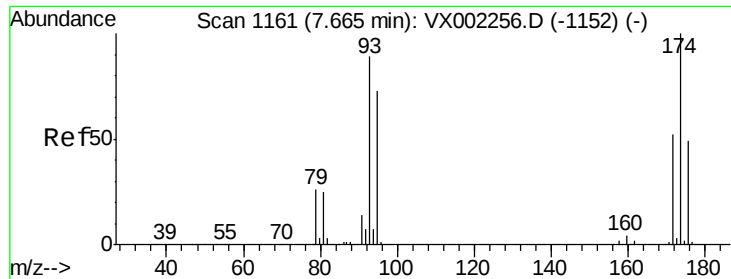


#45

1,2-Dichloropropane
 Concen: 0.27 ug/l
 RT: 7.57 min Scan# 1145
 Delta R.T. 0.05 min
 Lab File: VX002532.D
 Acq: 14 Jun 2018 02:41

Tgt Ion: 63 Resp: 875
 Ion Ratio Lower Upper
 63 100
 65 139.1 24.7 37.1#

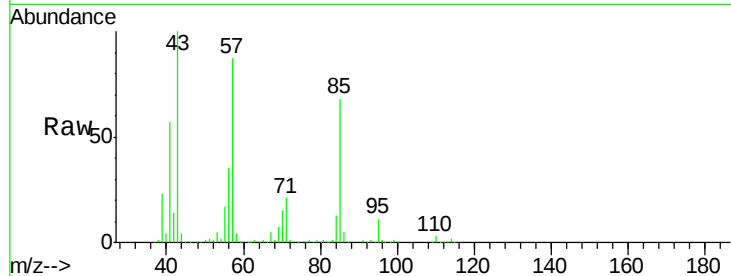




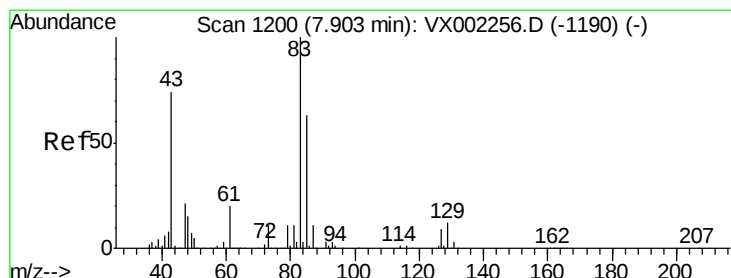
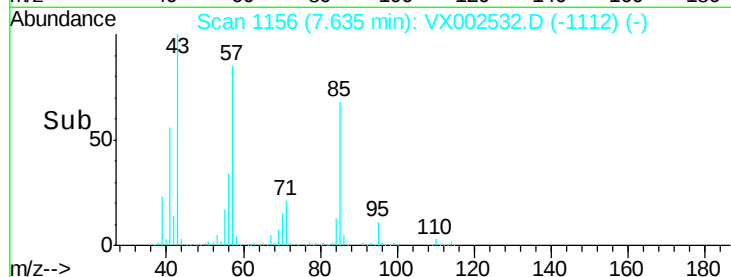
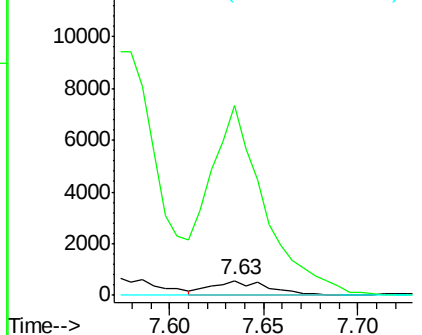
#46
Dibromomethane
Concen: 0.54 ug/l
RT: 7.63 min Scan# 1156
Delta R.T. -0.03 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 93 Resp: 1188
Ion Ratio Lower Upper
93 100
95 1253.5 65.9 98.9#
174 0.0 92.4 138.6#

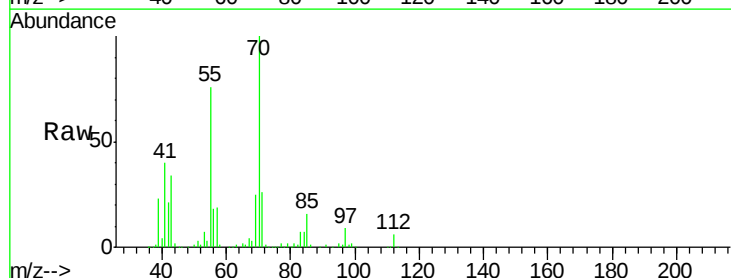


Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

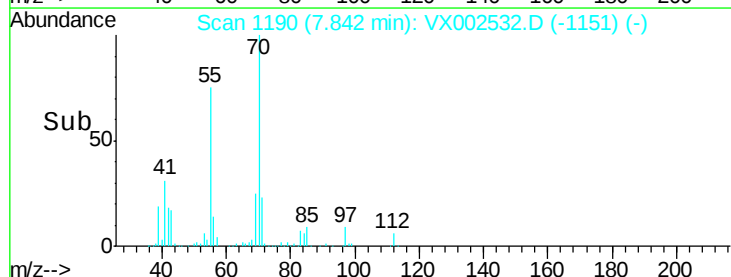
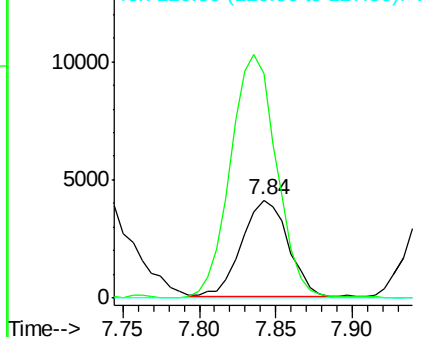


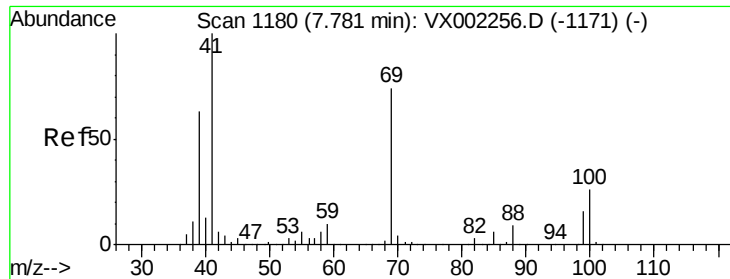
#47
Bromodichloromethane
Concen: 2.12 ug/l
RT: 7.84 min Scan# 1190
Delta R.T. -0.06 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

Tgt Ion: 83 Resp: 8456
Ion Ratio Lower Upper
83 100
85 231.3 50.3 75.5#
127 0.0 7.0 10.4#



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

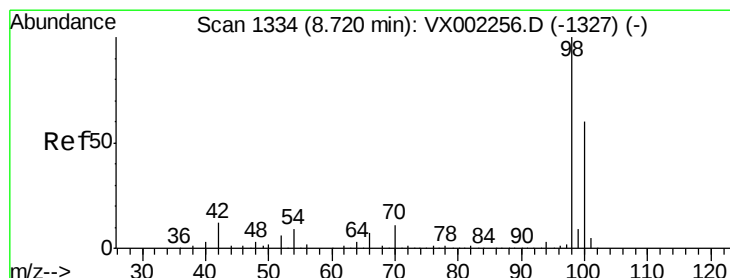
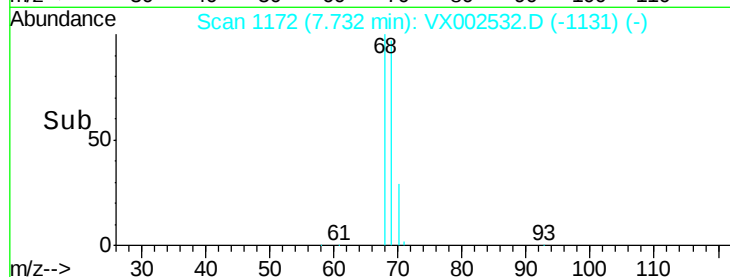
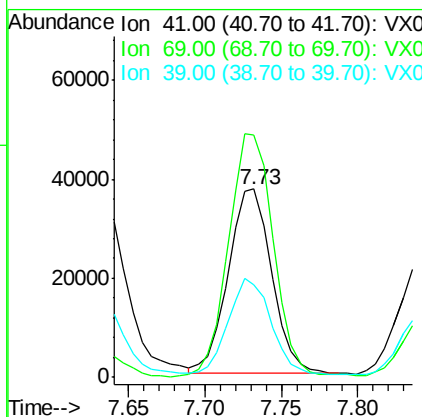
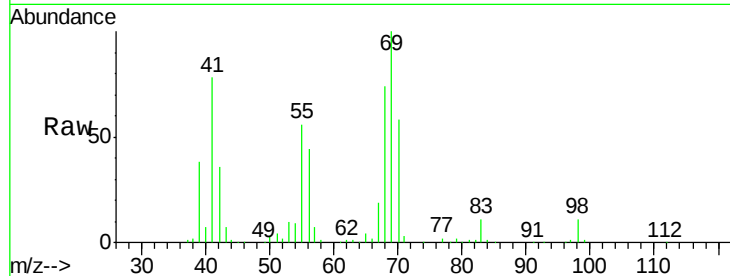




#48
Methvl methacrylate
Concen: 18.17 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

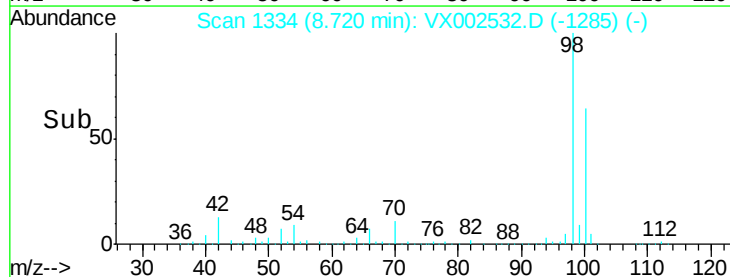
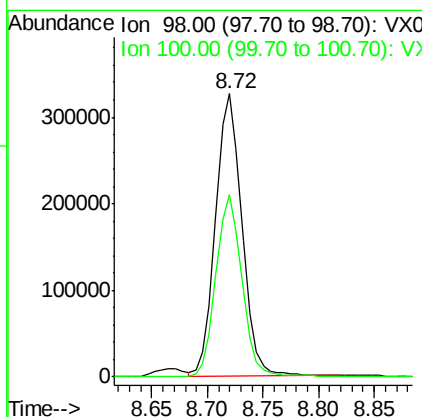
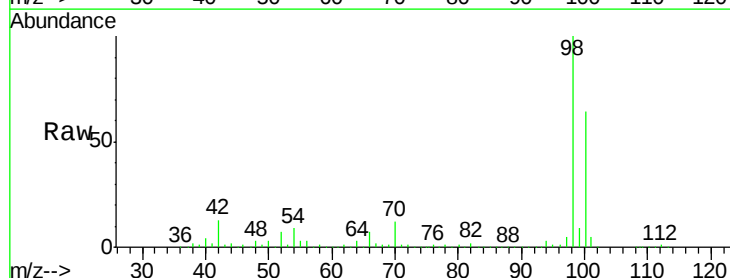
Instrument :
MSVOA_X
ClientSampleId :

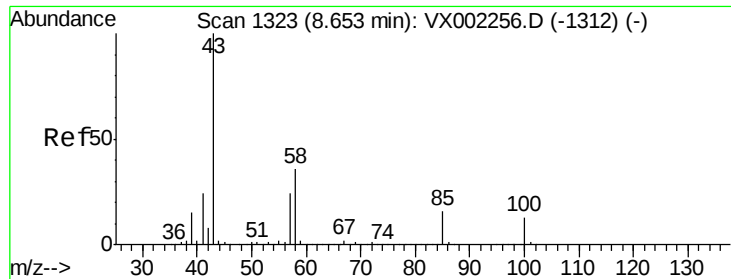
Tot Ion: 41 Resp: 73433
Ion Ratio Lower Upper
41 100
69 135.7 59.1 88.7#
39 51.6 48.9 73.3



#50
Toluene-d8
Concen: 47.56 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

Tgt Ion: 98 Resp: 537028
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 7.26 ug/l

RT: 8.67 min Scan# 1326

Delta R.T. 0.02 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

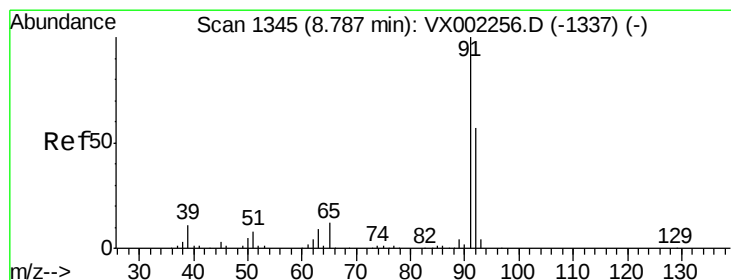
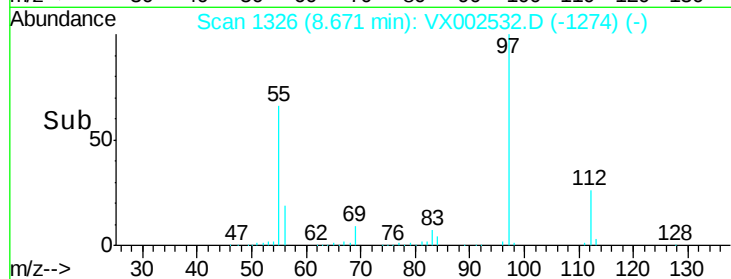
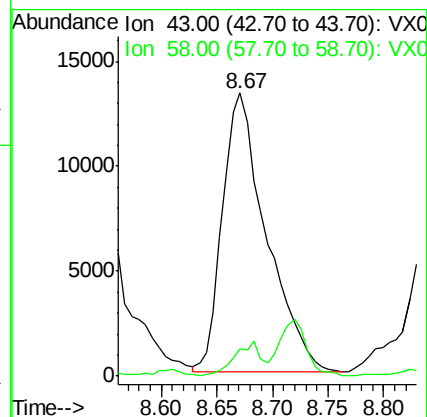
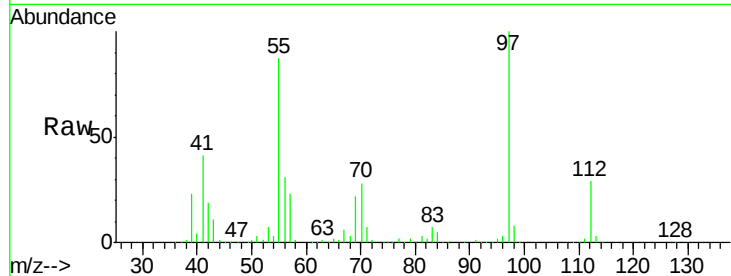
ClientSampleId :

Tot Ion: 43 Resp: 36374

Ion Ratio Lower Upper

43 100

58 7.5 28.6 42.8#



#52

Toluene

Concen: 3.83 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002532.D

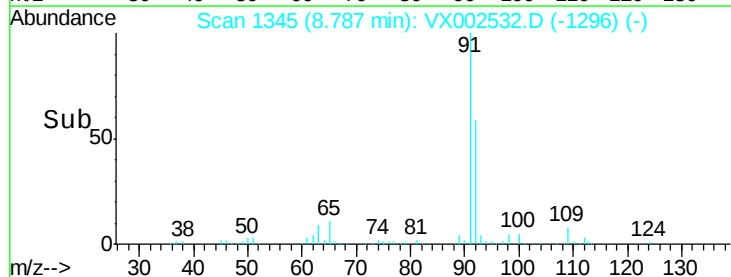
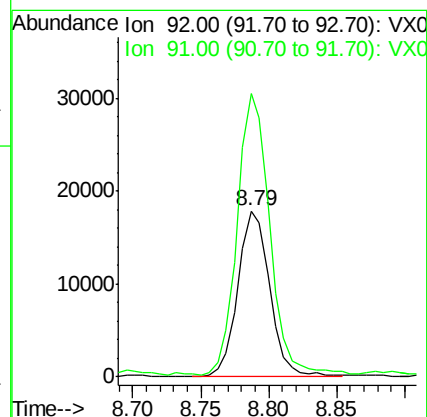
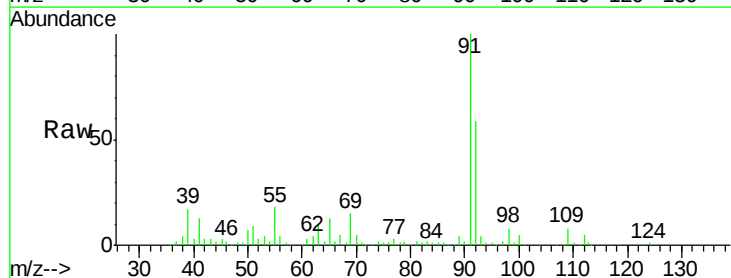
Acq: 14 Jun 2018 02:41

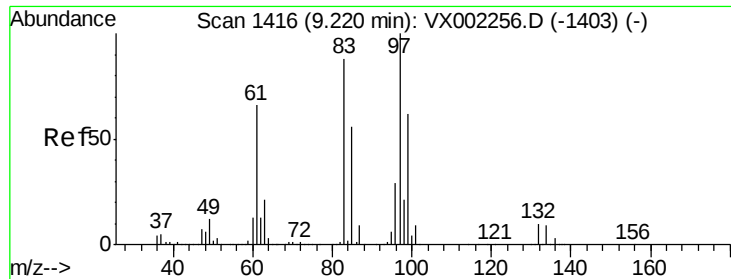
Tgt Ion: 92 Resp: 29439

Ion Ratio Lower Upper

92 100

91 170.8 140.4 210.6

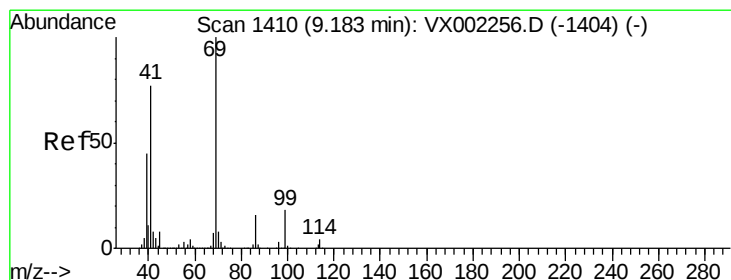
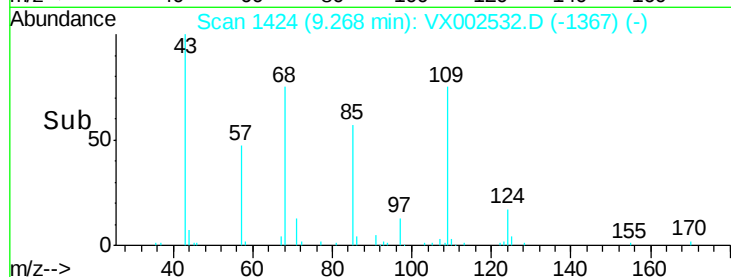
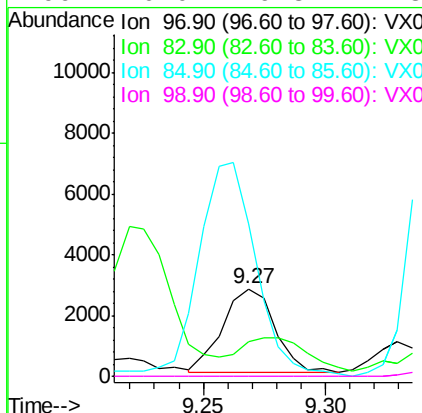
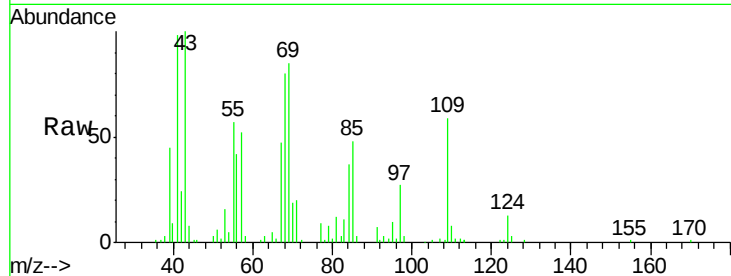




#55
 1,1,2-Trichloroethane
 Concen: 1.30 ug/l
 RT: 9.27 min Scan# 1424
 Delta R.T. 0.05 min
 Lab File: VX002532.D
 Acq: 14 Jun 2018 02:41

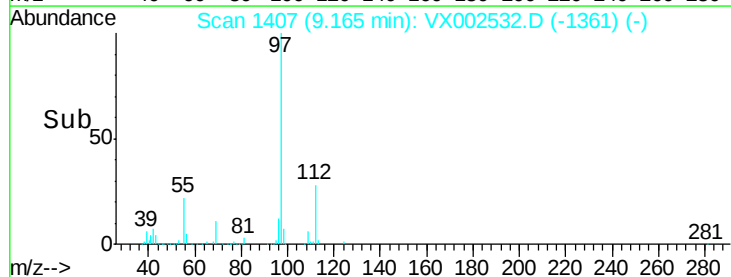
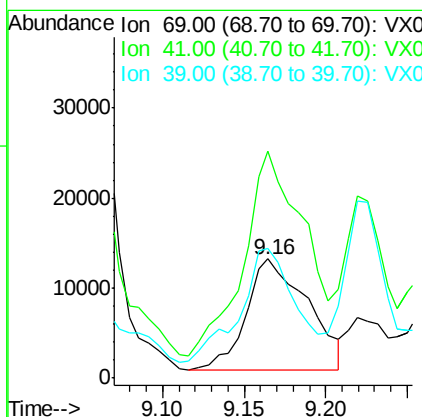
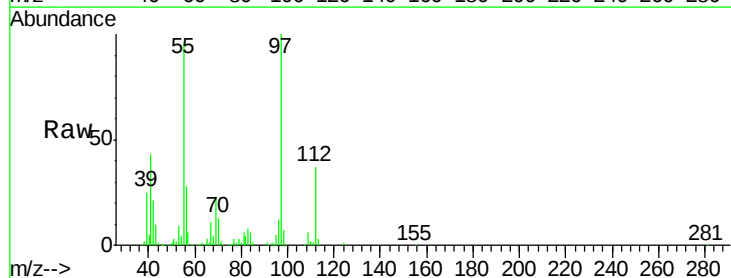
Instrument :
 MSVOA_X
 ClientSampled :

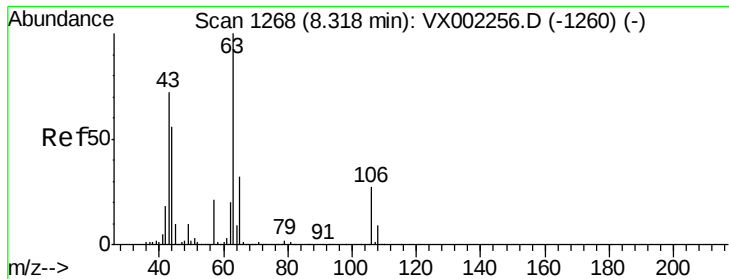
Tot Ion: 97 Resp: 4093
 Ion Ratio Lower Upper
 97 100
 83 29.3 70.2 105.2#
 85 180.4 44.9 67.3#
 99 0.0 49.8 74.8#



#56
 Ethyl methacrylate
 Concen: 6.42 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VX002532.D
 Acq: 14 Jun 2018 02:41

Tgt Ion: 69 Resp: 32374
 Ion Ratio Lower Upper
 69 100
 41 179.5 60.3 90.5#
 39 91.7 35.8 53.8#

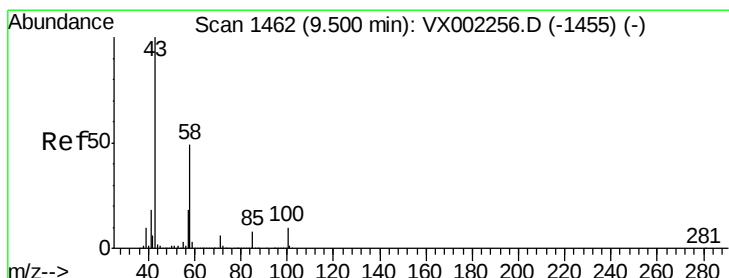
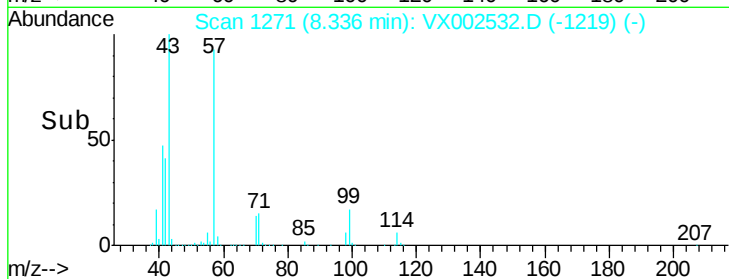
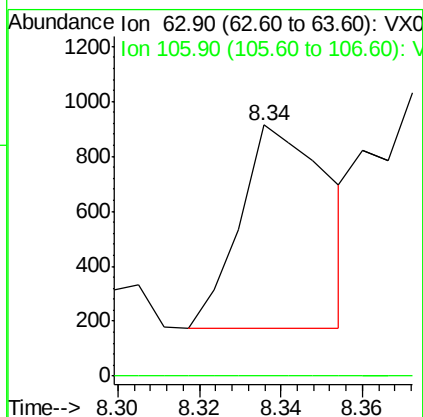
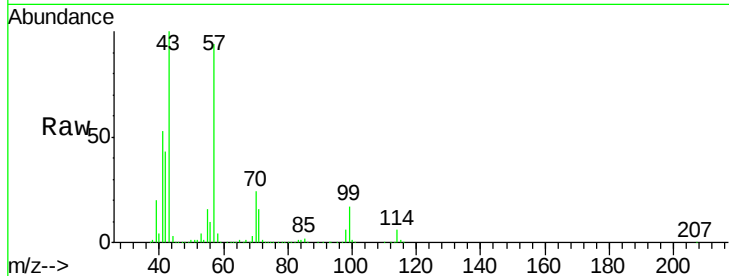




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.48 ug/l
 RT: 8.34 min Scan# 1271
 Delta R.T. 0.02 min
 Lab File: VX002532.D
 Acq: 14 Jun 2018 02:41

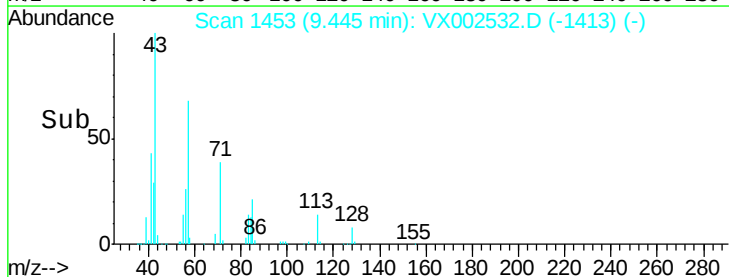
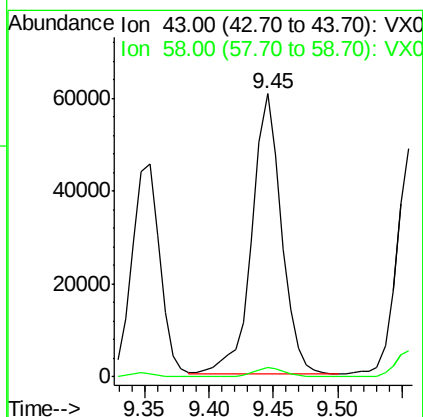
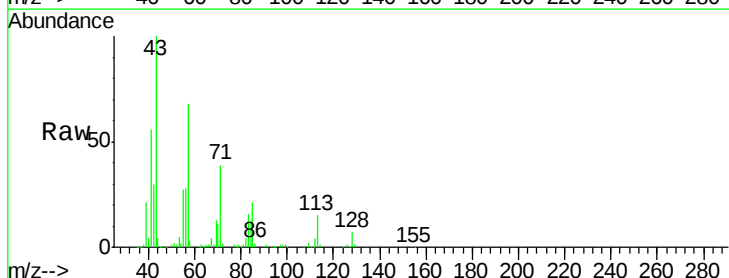
Instrument :
 MSVOA_X
 ClientSampled :

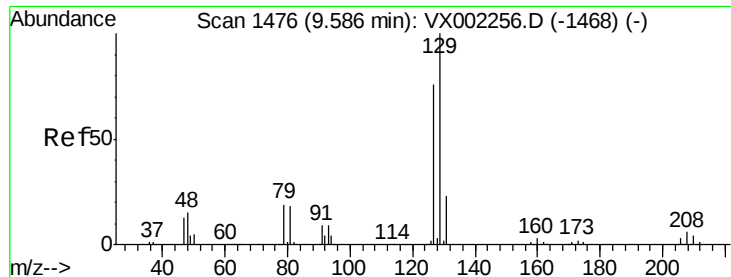
Tot Ion: 63 Resp: 1116
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.8 32.8#



#59
 2-Hexanone
 Concen: 24.76 ug/l
 RT: 9.45 min Scan# 1453
 Delta R.T. -0.06 min
 Lab File: VX002532.D
 Acq: 14 Jun 2018 02:41

Tgt Ion: 43 Resp: 95804
 Ion Ratio Lower Upper
 43 100
 58 3.6 24.6 73.6#

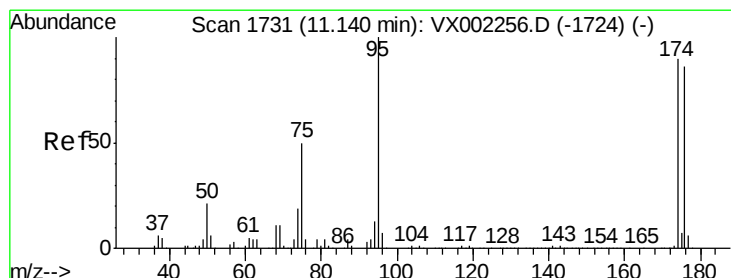
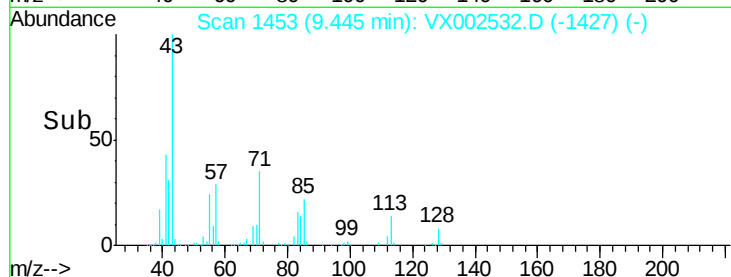
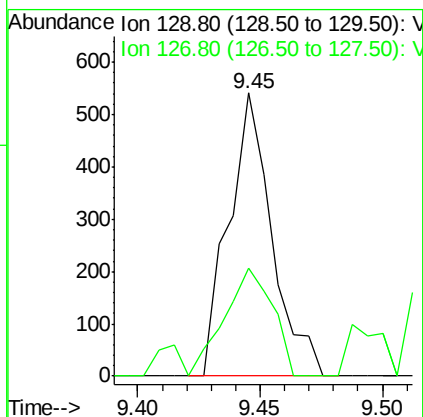
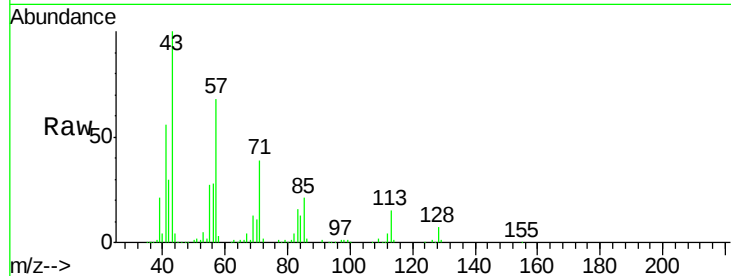




#60
Dibromochloromethane
Concen: 0.21 ug/l
RT: 9.45 min Scan# 1453
Delta R.T. -0.14 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

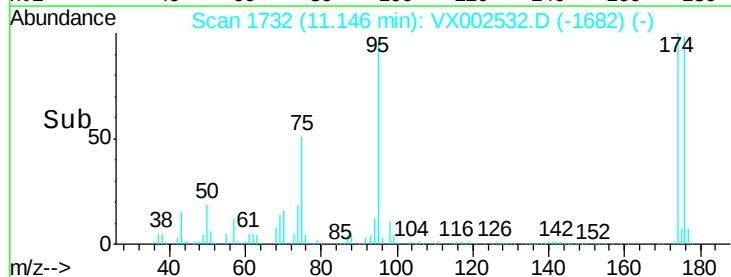
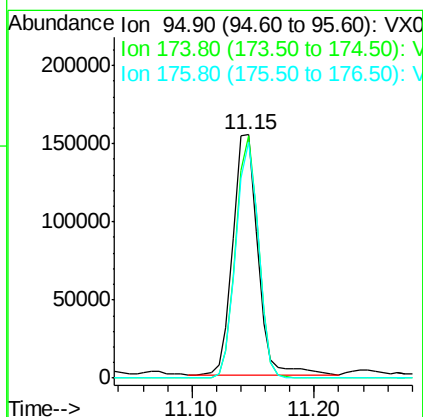
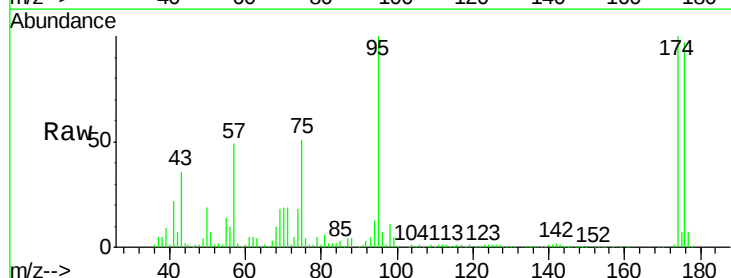
Instrument :
MSVOA_X
ClientSampleId :

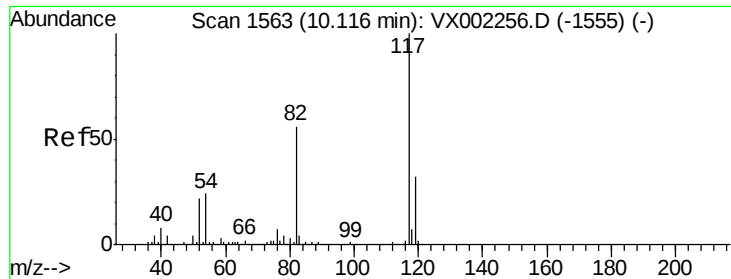
Tot Ion:129 Resp: 666
Ion Ratio Lower Upper
129 100
127 42.6 38.5 115.3



#62
4-Bromofluorobenzene
Concen: 49.43 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

Tgt Ion: 95 Resp: 215232
Ion Ratio Lower Upper
95 100
174 91.3 0.0 187.4
176 89.5 0.0 181.0

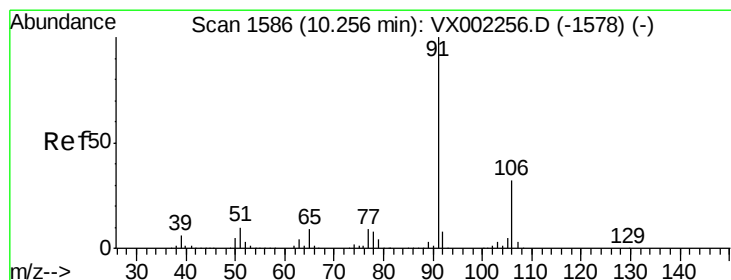
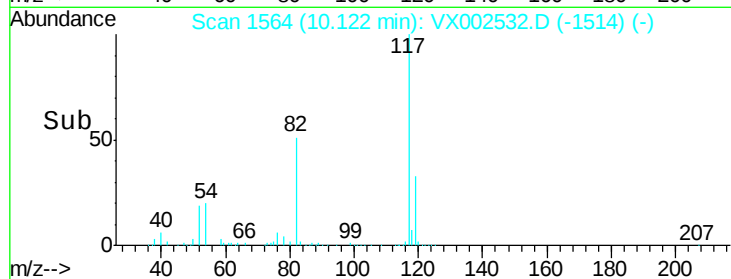
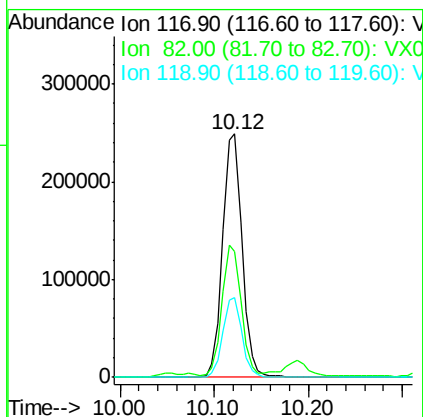
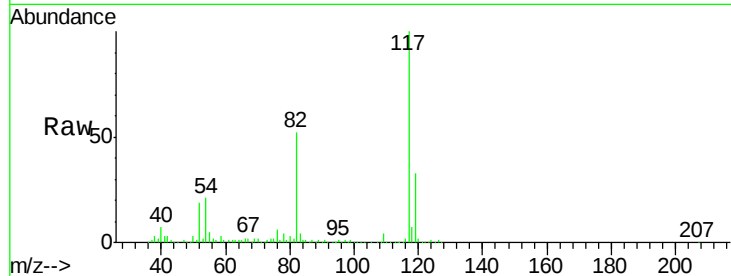




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

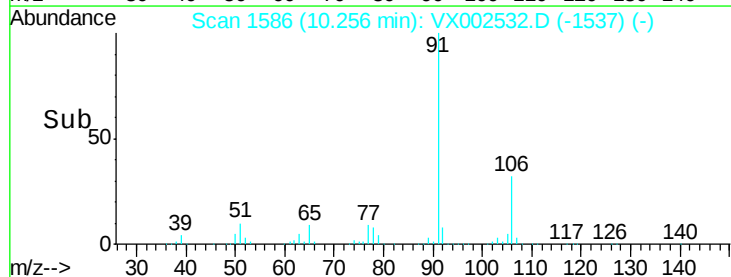
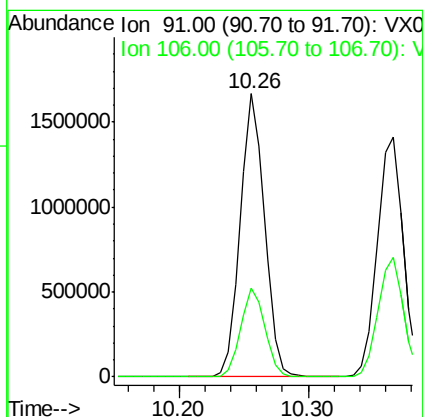
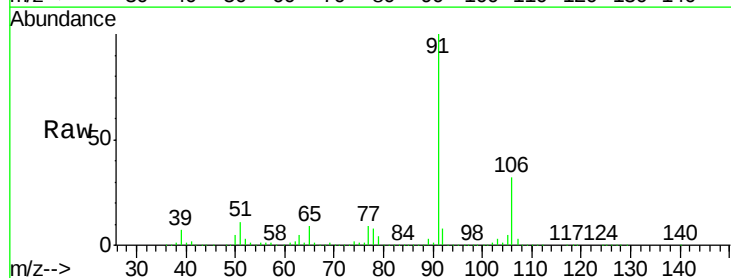
Instrument :
MSVOA_X
ClientSampleId :

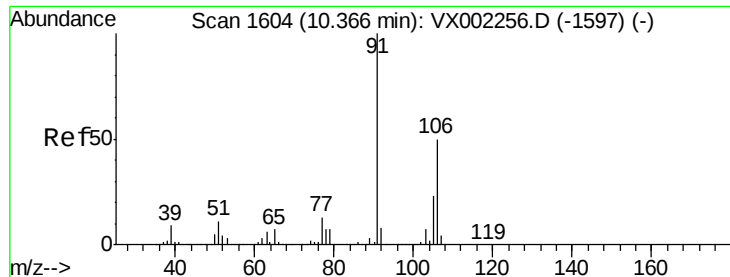
Tot Ion:117 Resp: 358361
Ion Ratio Lower Upper
117 100
82 51.2 45.0 67.4
119 32.7 25.8 38.6



#67
Ethyl Benzene
Concen: 145.68 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

Tgt Ion: 91 Resp: 2173942
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3

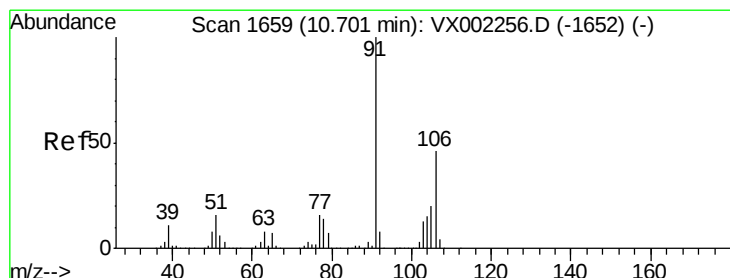
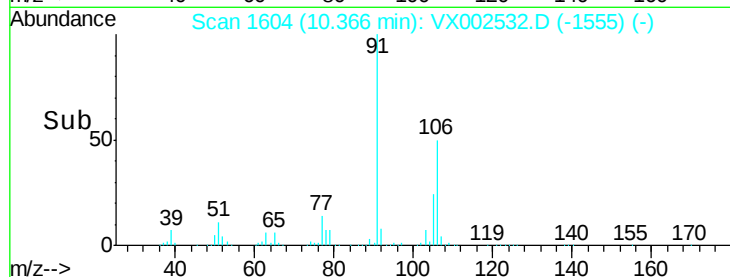
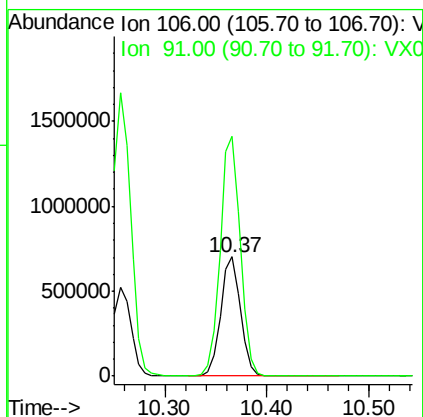
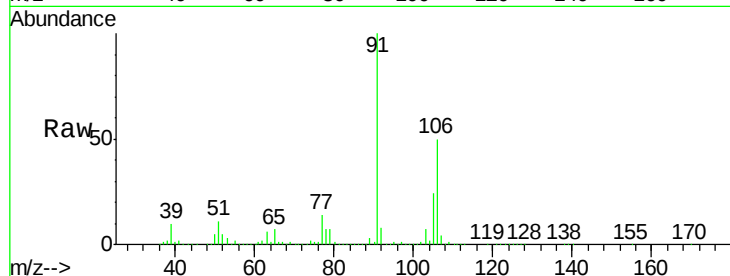




#68
m/p-Xvlenes
Concen: 163.86 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

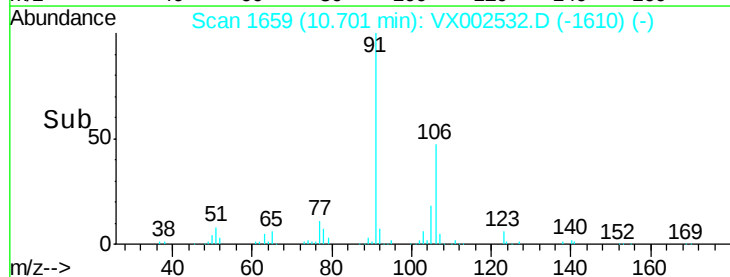
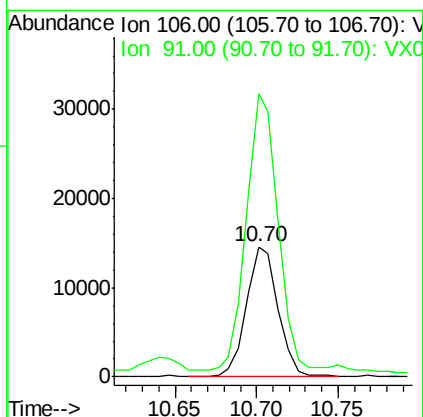
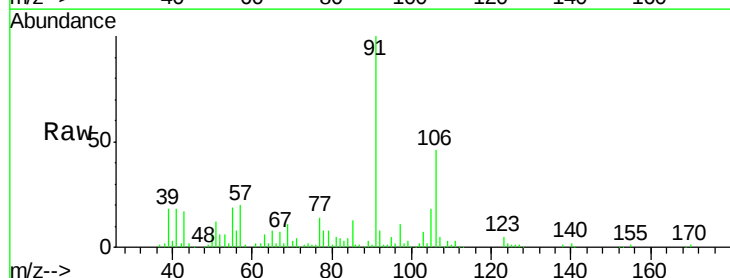
Instrument :
MSVOA_X
ClientSampled :

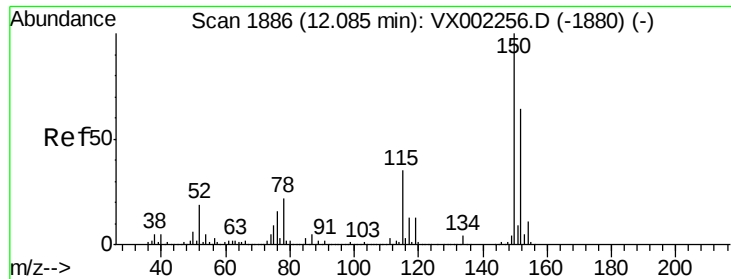
Tot Ion:106 Resp: 950546
Ion Ratio Lower Upper
106 100
91 203.9 163.4 245.2



#69
o-Xylene
Concen: 3.44 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

Tgt Ion:106 Resp: 19871
Ion Ratio Lower Upper
106 100
91 208.0 108.2 324.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

ClientSampleId :

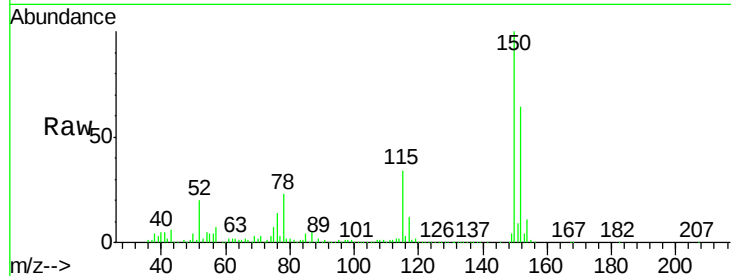
Tot Ion:152 Resp: 226104

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.2

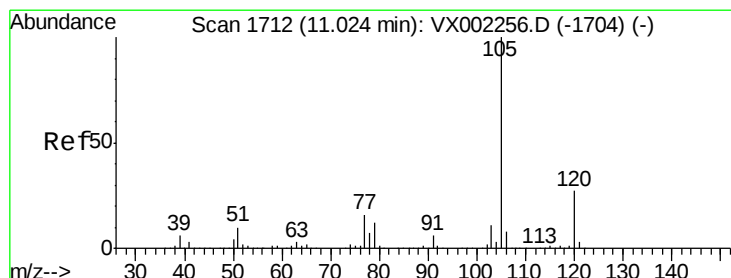
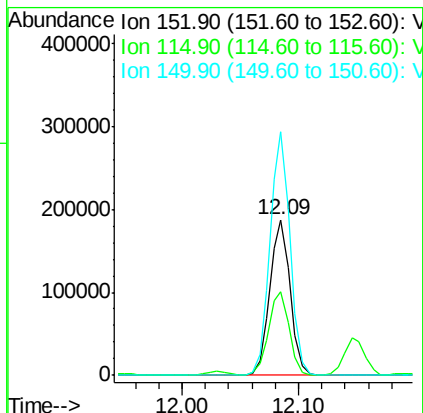
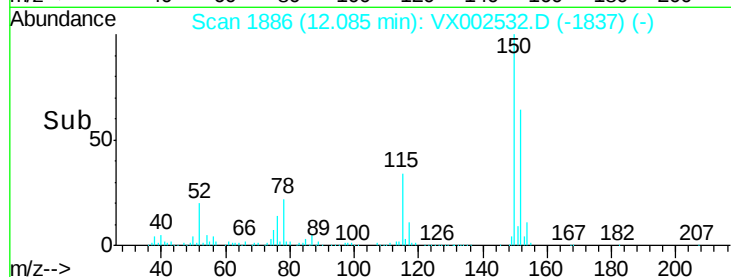
150 155.1 0.0 347.2



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: 14.41 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002532.D

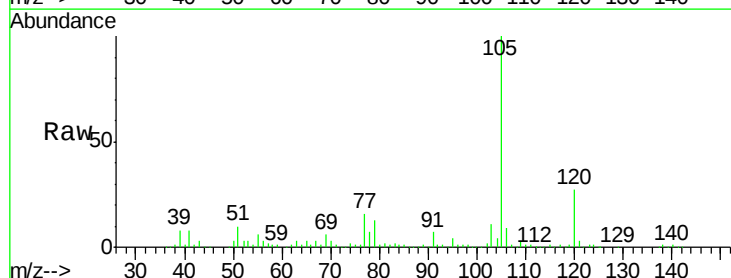
Acq: 14 Jun 2018 02:41

Tgt Ion:105 Resp: 226614

Ion Ratio Lower Upper

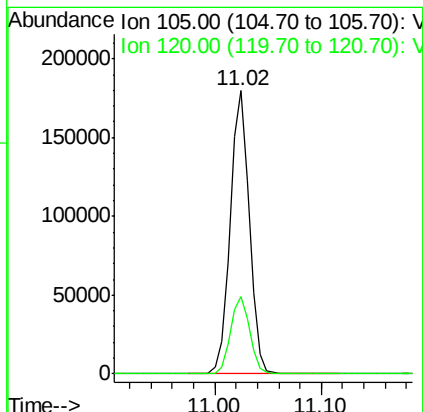
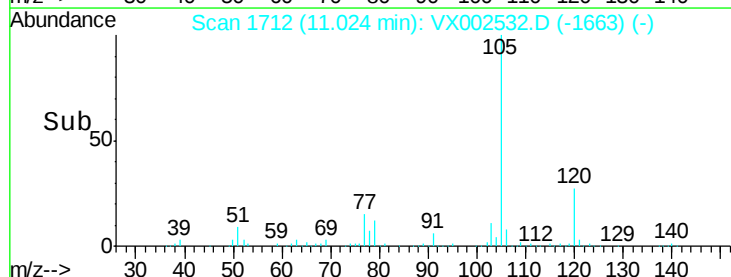
105 100

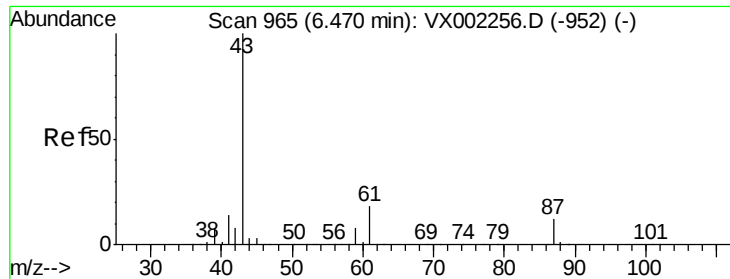
120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 11.11 ug/l

RT: 6.28 min Scan# 933

Delta R.T. -0.20 min

Lab File: VX002532.D

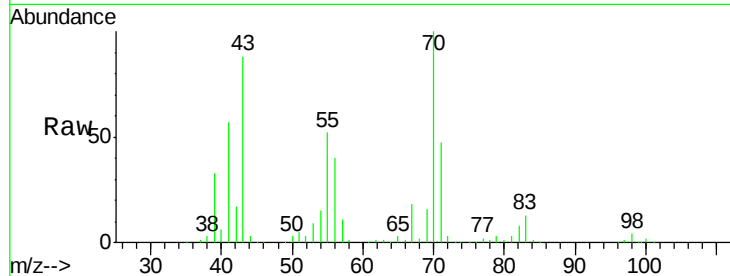
Acq: 14 Jun 2018 02:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 94189

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	0.1	14.4	21.6#

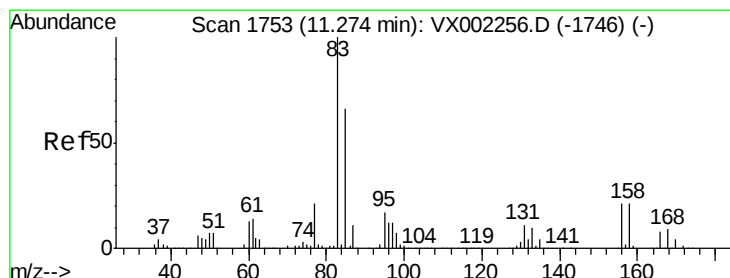
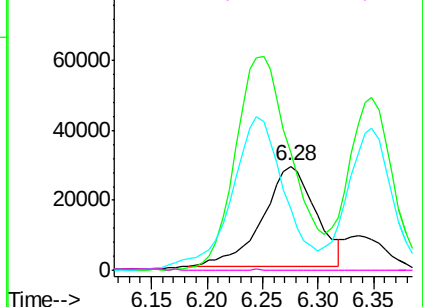
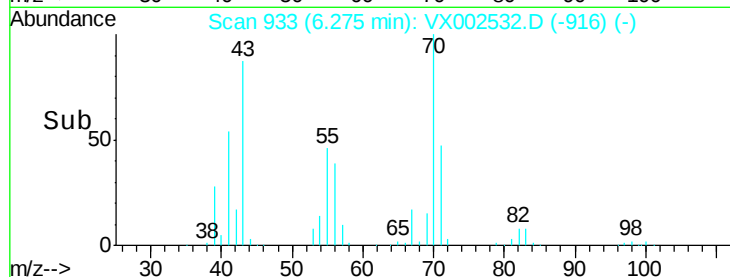


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 2.02 ug/l

RT: 11.25 min Scan# 1749

Delta R.T. -0.02 min

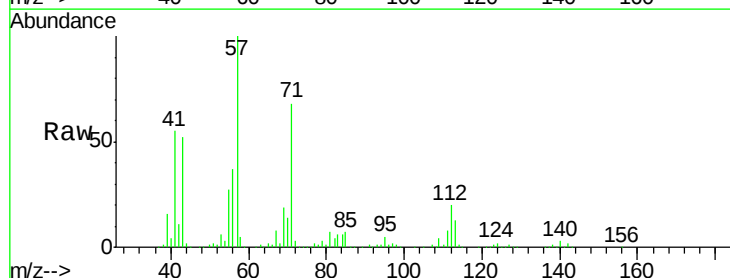
Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Tgt Ion: 83 Resp: 10008

Ion Ratio Lower Upper

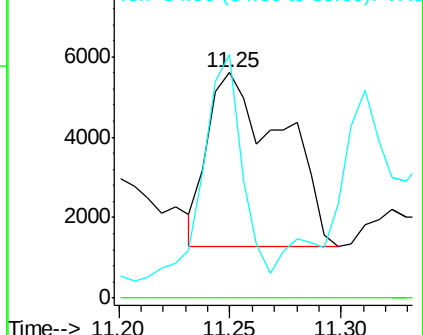
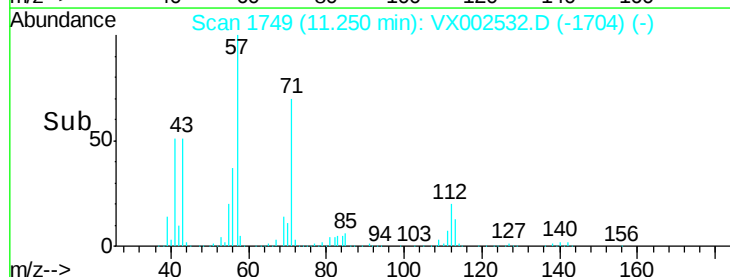
83	100		
131	0.0	5.6	16.8#
85	67.5	32.4	97.2

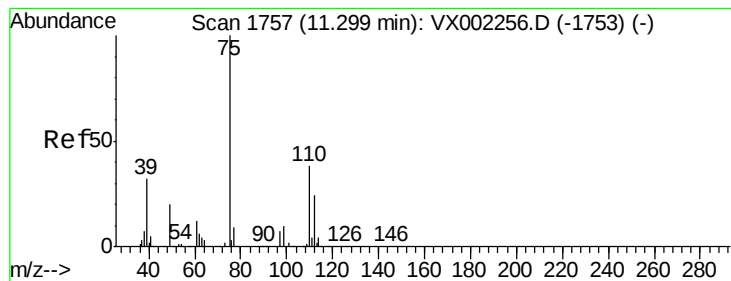


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 1.70 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.07 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

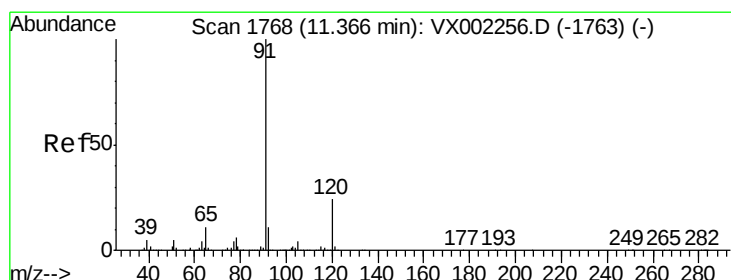
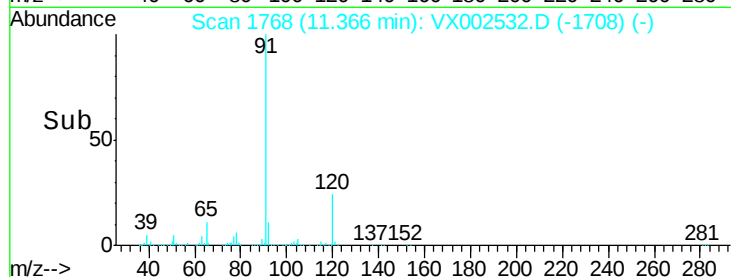
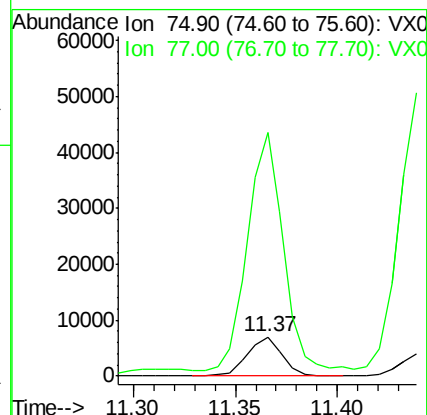
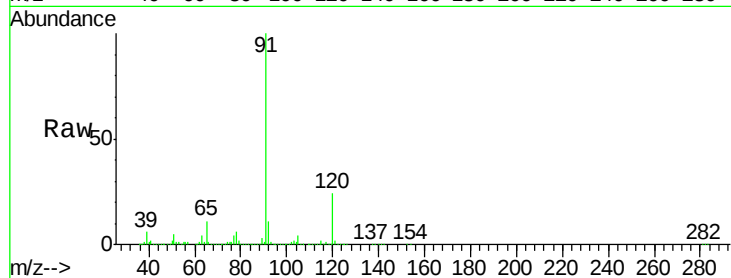
ClientSampleId :

Tot Ion: 75 Resp: 8434

Ion Ratio Lower Upper

75 100

77 612.4 22.8 68.3#



#78

n-propylbenzene

Concen: 72.01 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002532.D

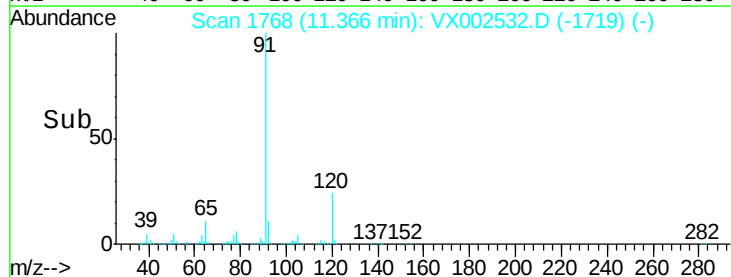
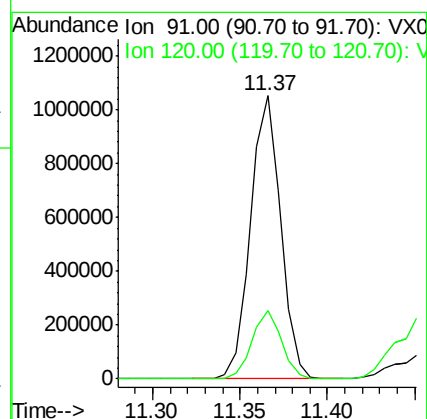
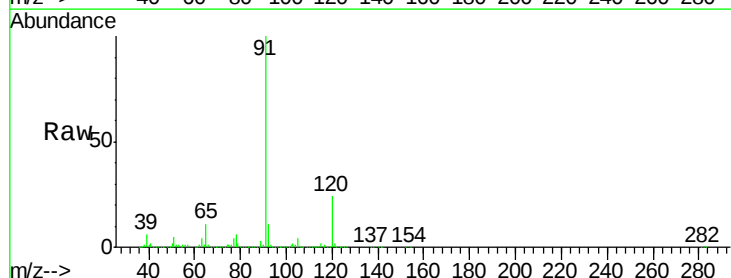
Acq: 14 Jun 2018 02:41

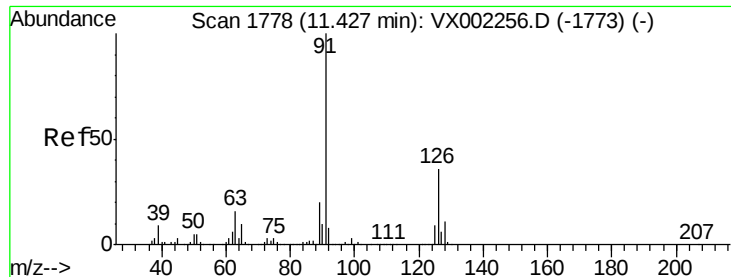
Tgt Ion: 91 Resp: 1258875

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.4





#79

2-Chlorotoluene

Concen: 19.63 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.03 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

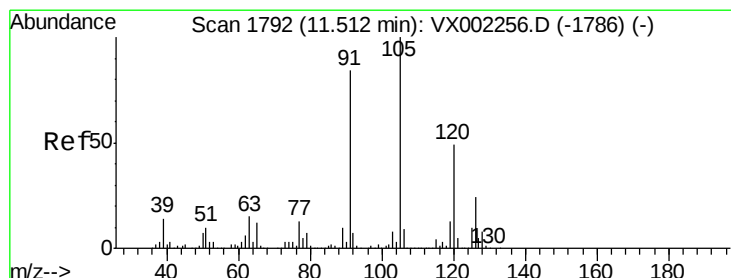
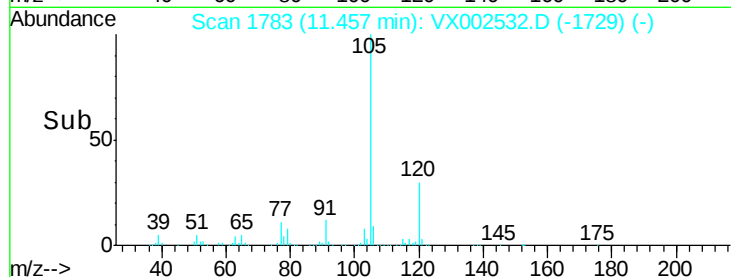
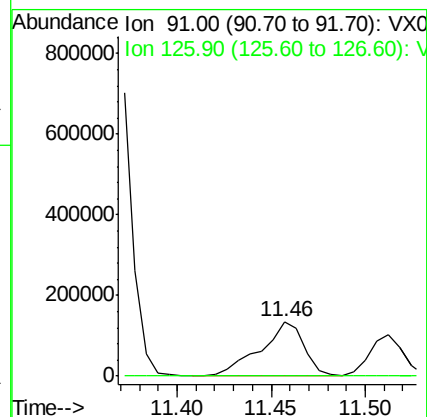
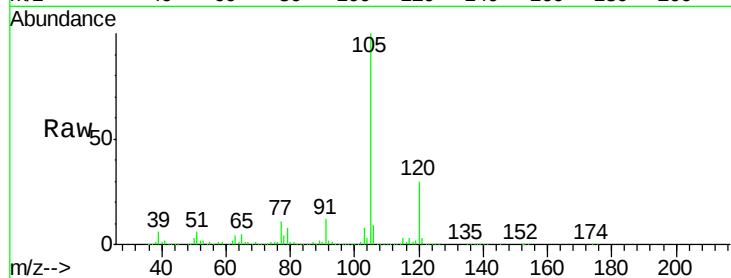
ClientSampleId :

Tot Ion: 91 Resp: 216669

Ion Ratio Lower Upper

91 100

126 0.3 17.7 53.1#



#80

1,3,5-Trimethylbenzene

Concen: 84.62 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002532.D

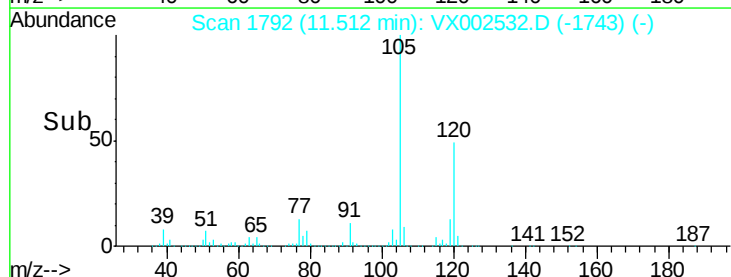
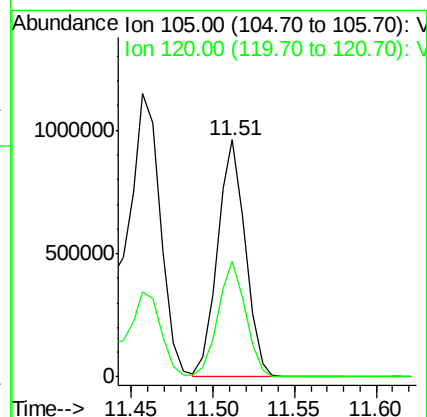
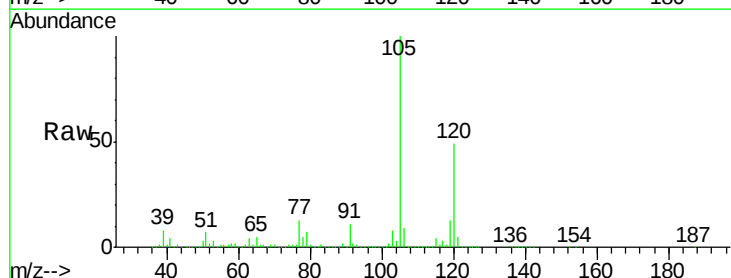
Acq: 14 Jun 2018 02:41

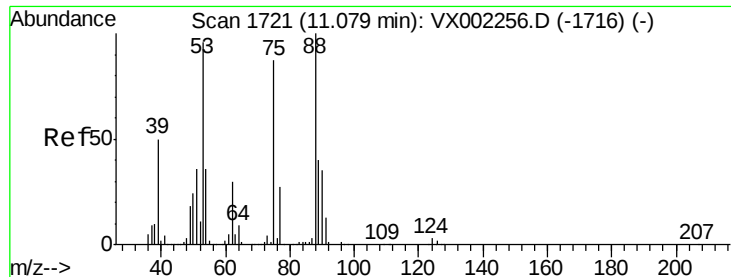
Tgt Ion:105 Resp: 1141587

Ion Ratio Lower Upper

105 100

120 48.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 76.44 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

ClientSampled :

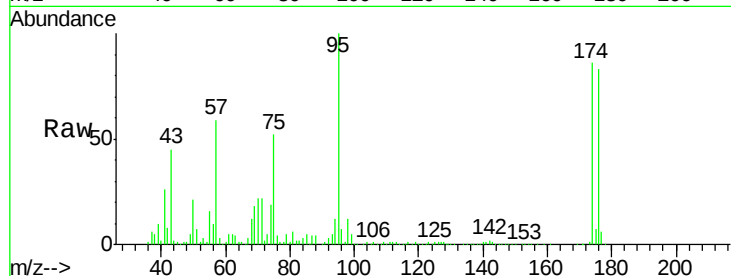
Tot Ion: 75 Resp: 108195

Ion Ratio Lower Upper

75 100

53 4.6 86.8 130.2#

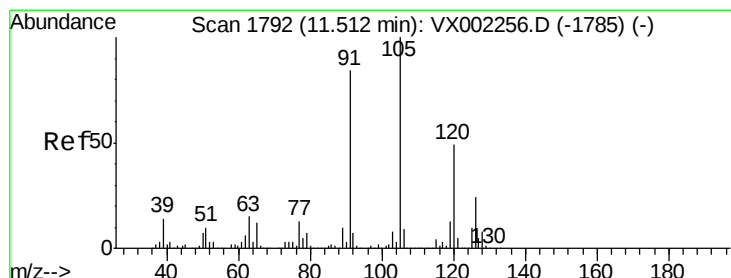
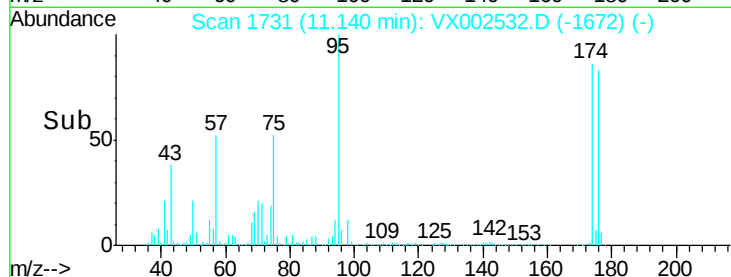
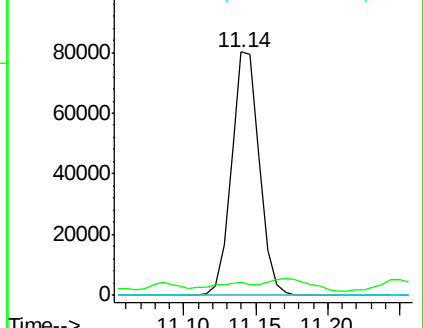
89 0.0 38.2 57.2#



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: 9.83 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002532.D

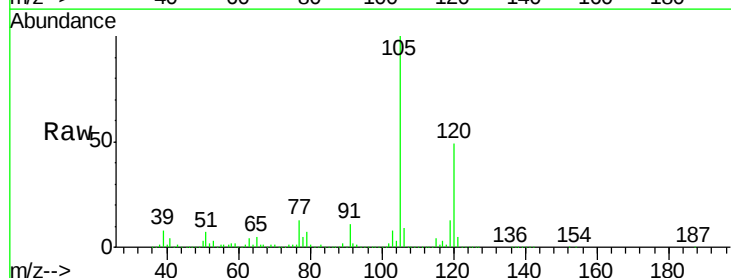
Acq: 14 Jun 2018 02:41

Tgt Ion: 91 Resp: 125304

Ion Ratio Lower Upper

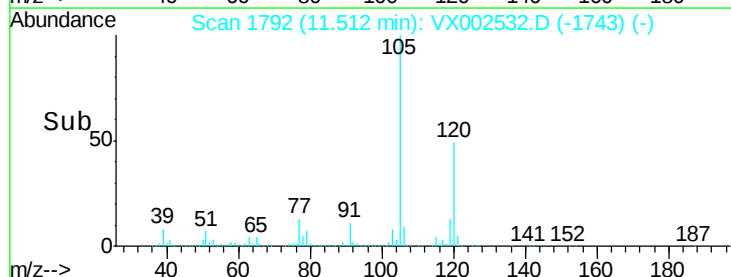
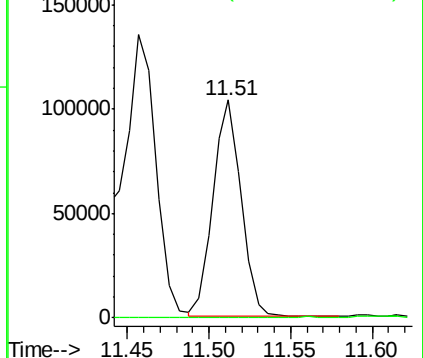
91 100

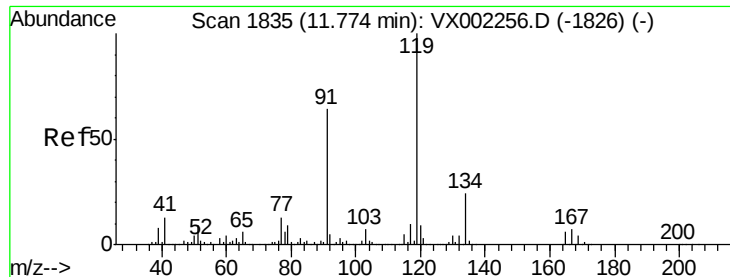
126 0.8 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

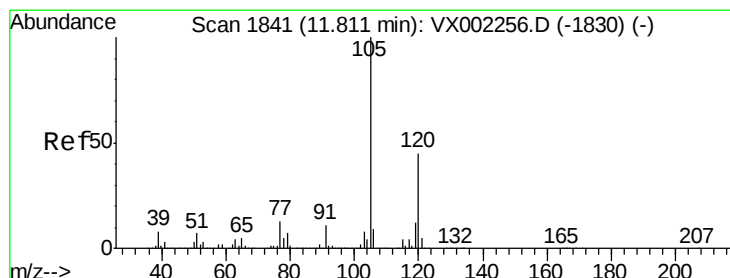
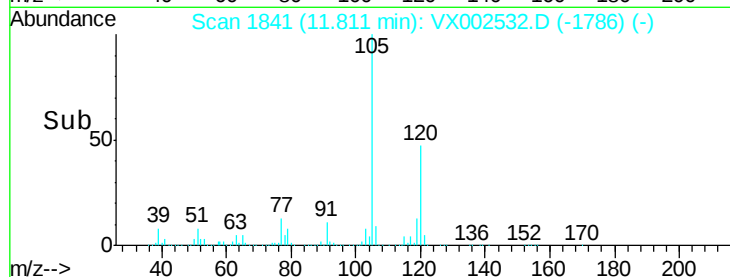
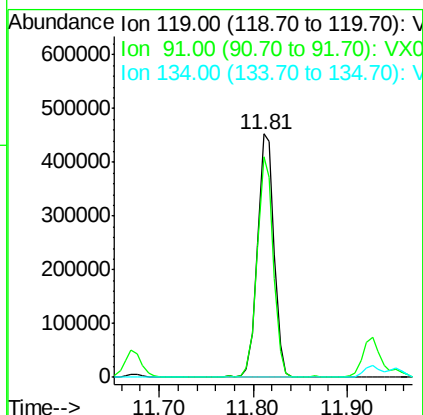
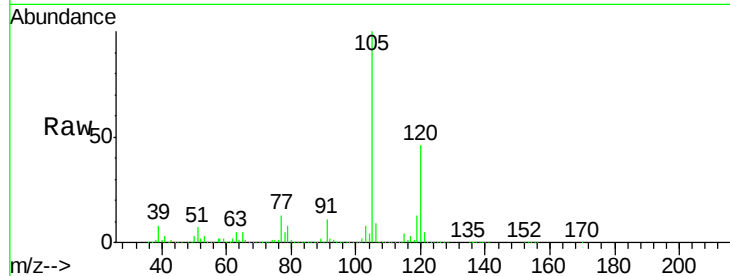




#83
tert-Butylbenzene
Concen: 43.17 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.04 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

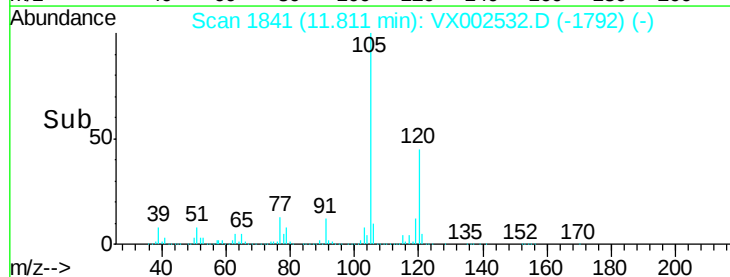
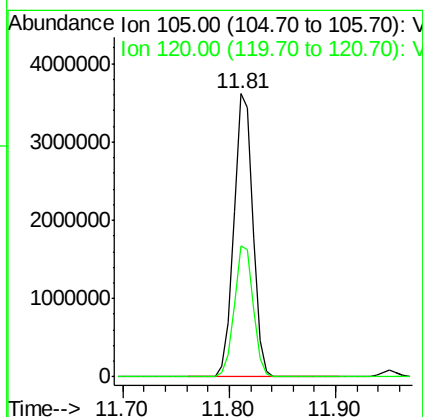
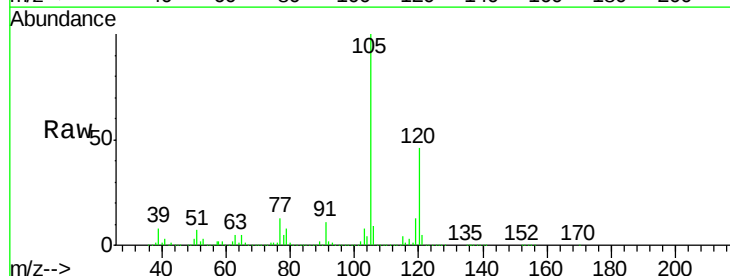
Instrument :
MSVOA_X
ClientSampled :

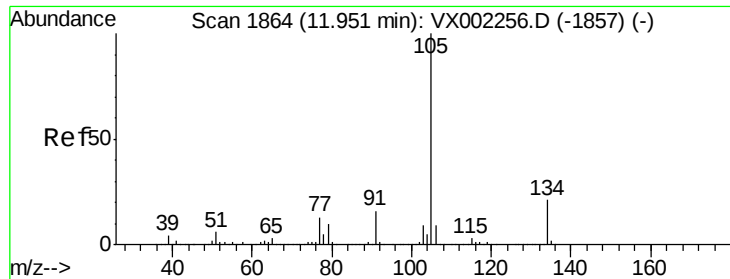
Tot Ion:119 Resp: 567116
Ion Ratio Lower Upper
119 100
91 88.2 30.3 90.9
134 0.0 11.7 35.1#



#84
1,2,4-Trimethylbenzene
Concen: 325.21 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

Tgt Ion:105 Resp: 4516279
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 293.24 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.14 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

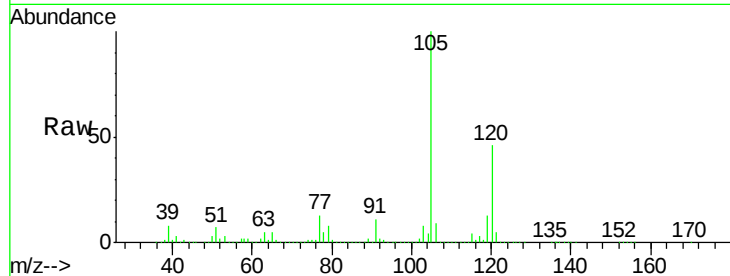
ClientSampled :

Tot Ion:105 Resp: 4516279

Ion Ratio Lower Upper

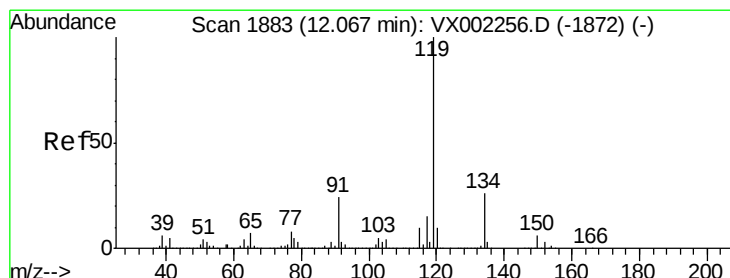
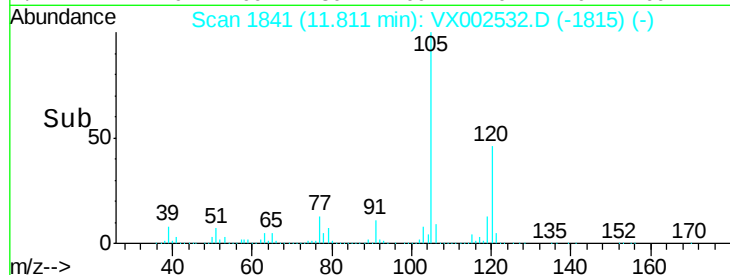
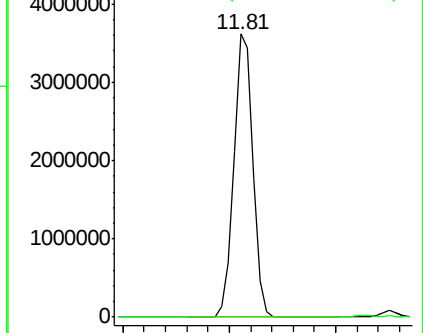
105 100

134 0.0 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.95 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.04 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

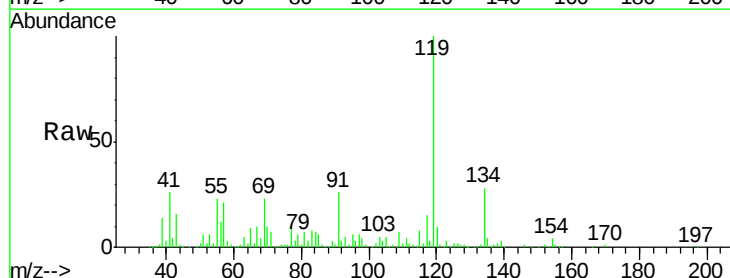
Tgt Ion:119 Resp: 69484

Ion Ratio Lower Upper

119 100

134 28.1 13.4 40.1

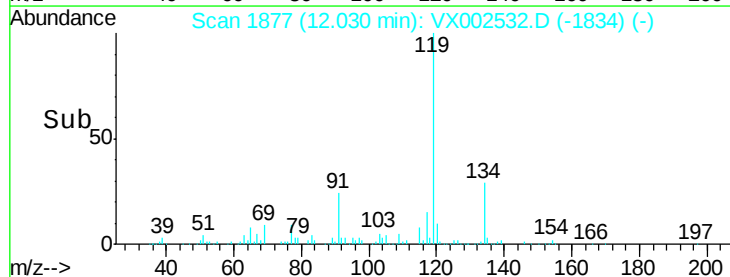
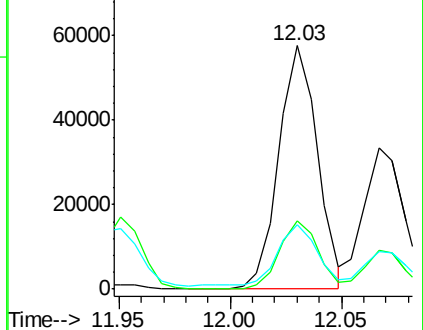
91 26.1 11.9 35.7

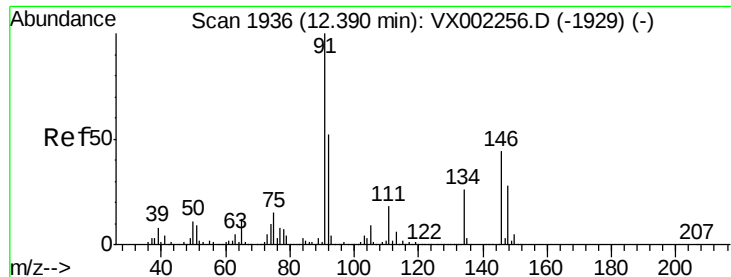


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

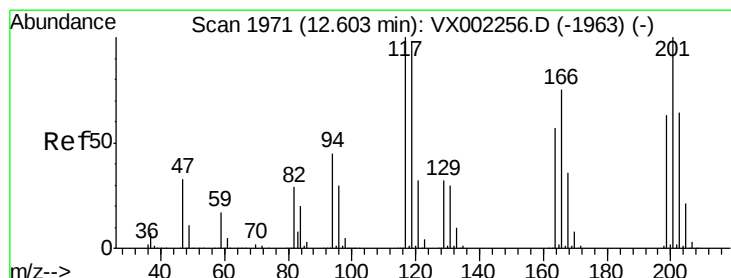
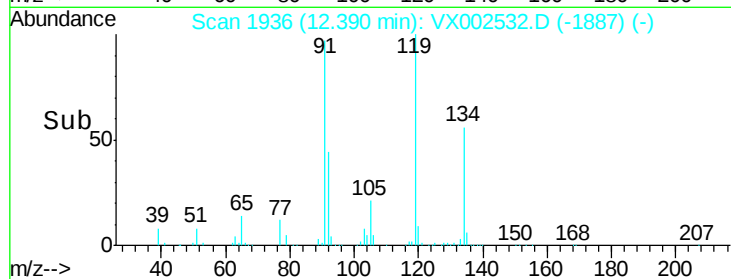
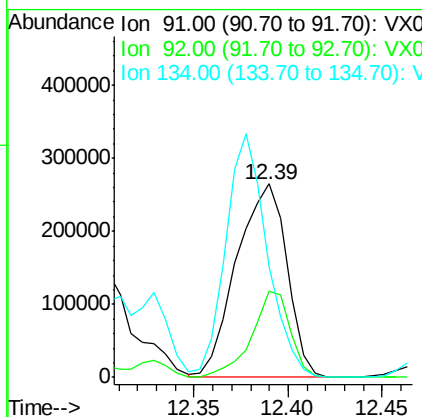
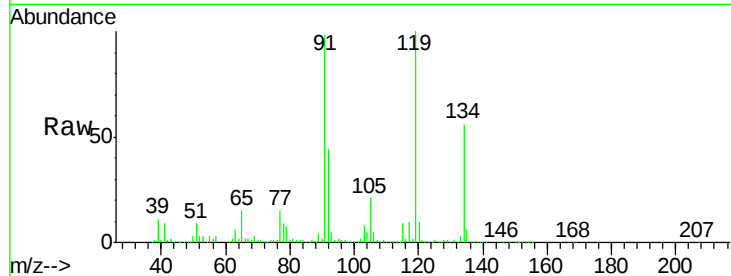




#89
n-Butylbenzene
Concen: 41.31 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

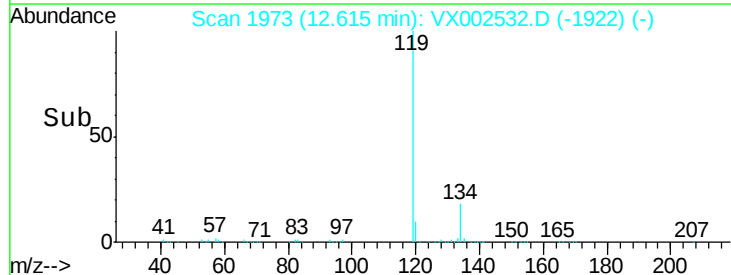
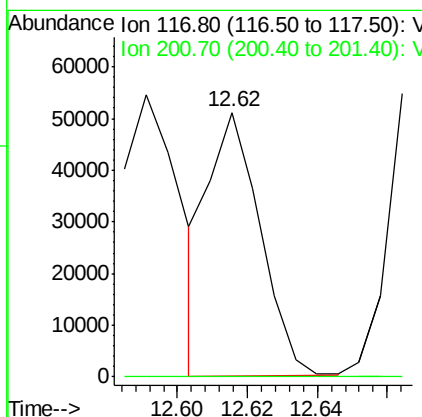
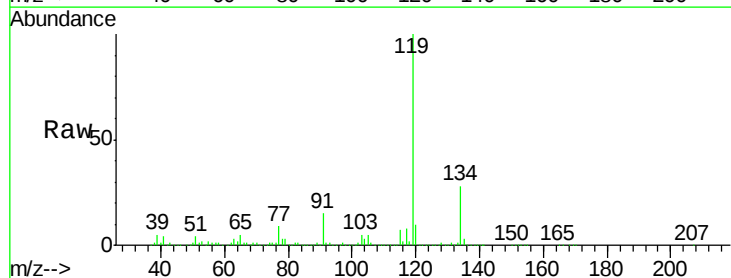
Instrument :
MSVOA_X
ClientSampled :

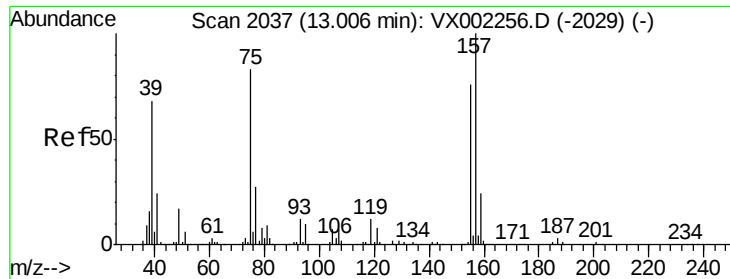
Tot Ion: 91 Resp: 486011
Ion Ratio Lower Upper
91 100
92 34.4 26.0 78.0
134 104.1 13.5 40.5#



#90
Hexachloroethane
Concen: 23.53 ug/l
RT: 12.62 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

Tgt Ion: 117 Resp: 52689
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#

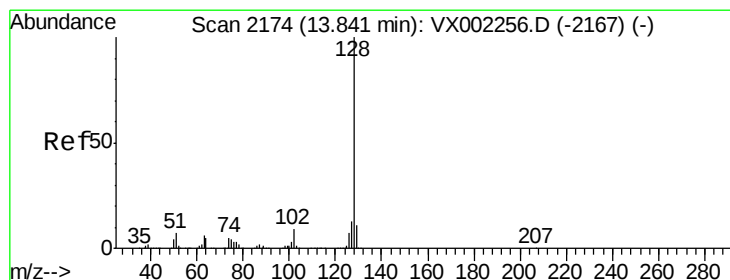
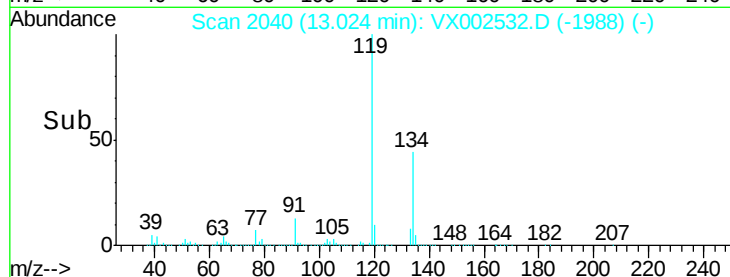
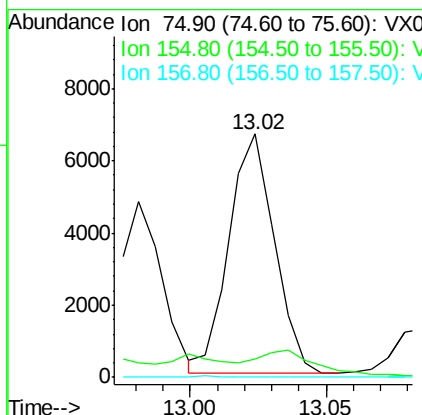
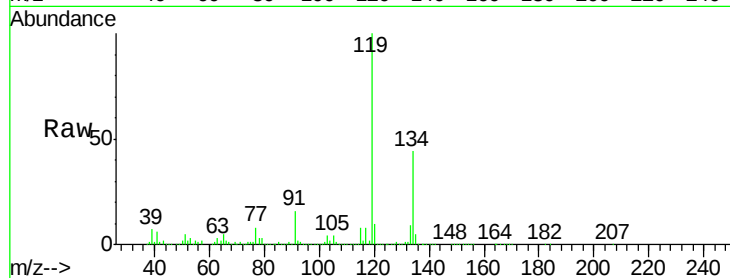




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.03 ug/l
 RT: 13.02 min Scan# 2040
 Delta R.T. 0.02 min
 Lab File: VX002532.D
 Acq: 14 Jun 2018 02:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 7601
 Ion Ratio Lower Upper
 75 100
 155 13.5 45.8 137.4#
 157 0.0 60.1 180.3#



#95
 Naphthalene
 Concen: 90.18 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX002532.D
 Acq: 14 Jun 2018 02:41

Tgt Ion:128 Resp: 1484142
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 11.6 8.6 13.0

