

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013057.D
 Acq On : 14 Oct 2019 17:16
 Operator : JC/SP
 Sample : K5313-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 01:27:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	285083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	94644	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	108924	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
35) Dibromofluoromethane	5.49	113	84571	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
50) Toluene-d8	8.71	98	334772	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	11.14	95	108386	43.71	ug/l	0.00
Spiked Amount			Recovery	=	87.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	949	0.484	ug/l	92
4) Vinyl Chloride	1.40	62	2372	1.171	ug/l	98
5) Bromomethane	1.64	94	236	0.280	ug/l #	3
6) Chloroethane	1.66	64	1695	1.728	ug/l #	66
11) Tert butyl alcohol	3.01	59	4682	7.990	ug/l #	72
13) Acrolein	2.25	56	320	0.768	ug/l #	1
14) Allyl chloride	2.84	41	60169	18.904	ug/l #	64
15) Acrylonitrile	3.16	53	1400	1.261	ug/l #	35
16) Acetone	2.43	43	4737	4.065	ug/l #	84
18) Methyl Acetate	2.84	43	147423	53.380	ug/l #	51
20) Methylene Chloride	2.84	84	1154	0.539	ug/l #	1
25) 2-Butanone	4.67	43	726	0.449	ug/l #	49
27) cis-1,2-Dichloroethene	4.59	96	1079	0.489	ug/l	84
31) Cyclohexane	5.58	56	11172	3.482	ug/l	95
36) 1,1-Dichloropropene	5.65	75	14000	5.586	ug/l #	50
37) Ethyl Acetate	4.84	43	1614	0.576	ug/l #	88
38) Carbon Tetrachloride	5.65	117	17940	7.354	ug/l #	16
39) Methylcyclohexane	7.44	83	2770	0.911	ug/l #	44
40) Benzene	6.14	78	31133	4.206	ug/l	98
43) Isopropyl Acetate	6.34	43	83069	18.466	ug/l #	60
44) Trichloroethene	7.22	130	1197	0.583	ug/l	97
48) Methyl methacrylate	7.73	41	731	0.333	ug/l #	65
51) 4-Methyl-2-Pentanone	8.67	43	5237	1.867	ug/l #	69
55) 1,1,2-Trichloroethane	9.16	97	4400	2.348	ug/l #	21
56) Ethyl methacrylate	9.17	69	1217	2.181	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.19	63	552	0.401	ug/l #	45
59) 2-Hexanone	9.30	43	571	0.262	ug/l	83
73) Isopropylbenzene	11.02	105	2048	0.294	ug/l	95
76) 1,2,3-Trichloropropane	11.14	75	53278	25.380	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.14	75	53278	64.018	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.94	105	2167	0.368	ug/l #	32
85) sec-Butylbenzene	11.94	105	2167	0.330	ug/l	91
86) p-Isopropyltoluene	12.23	119	1831	0.301	ug/l	91
90) Hexachloroethane	12.70	117	1350	3.264	ug/l #	13

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Response via : Initial Calibration

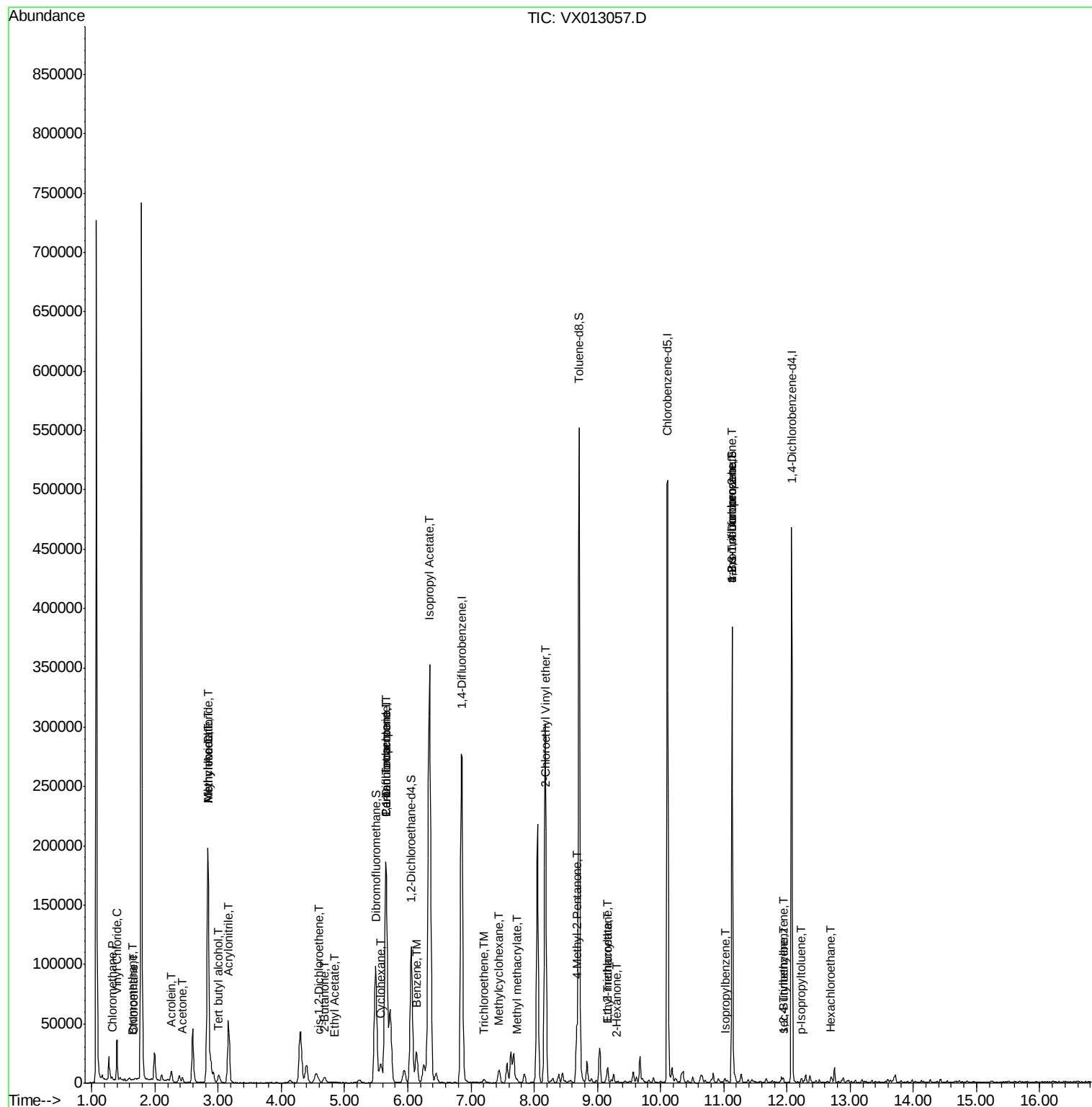
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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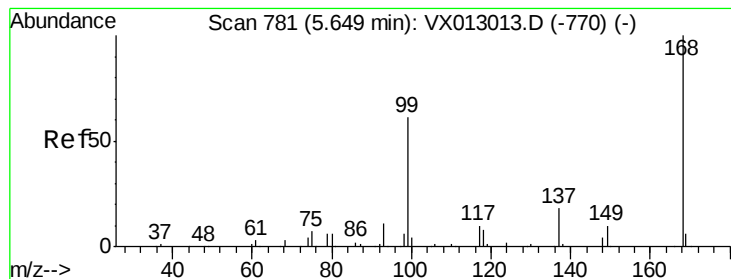
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

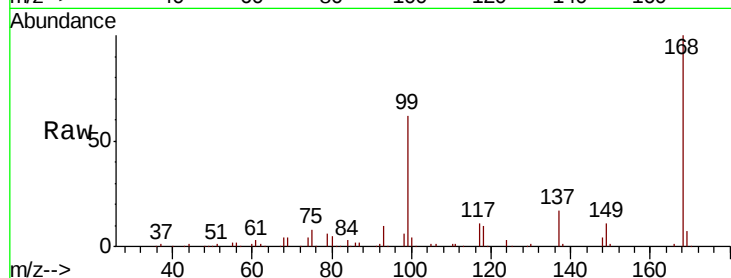
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 176862

Ion Ratio Lower Upper

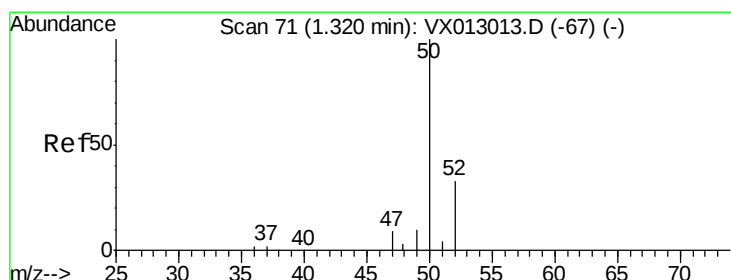
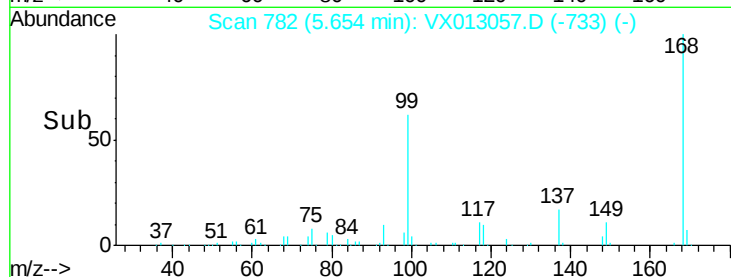
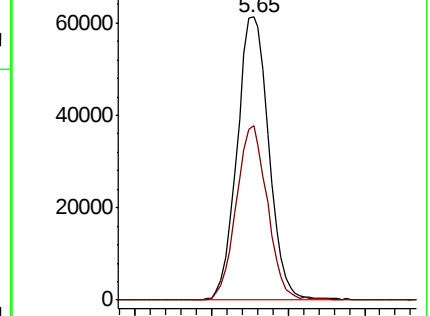
168 100

99 61.5 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.484 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013057.D

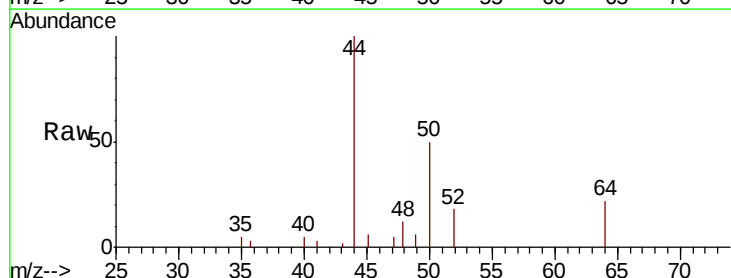
Acq: 14 Oct 2019 17:16

Tgt Ion: 50 Resp: 949

Ion Ratio Lower Upper

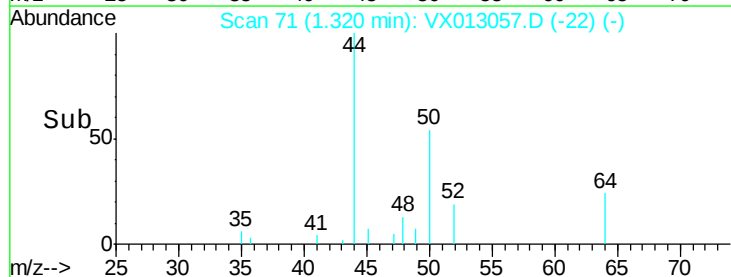
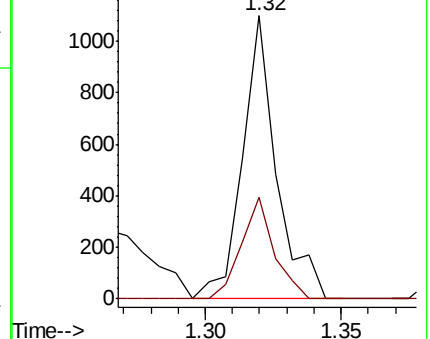
50 100

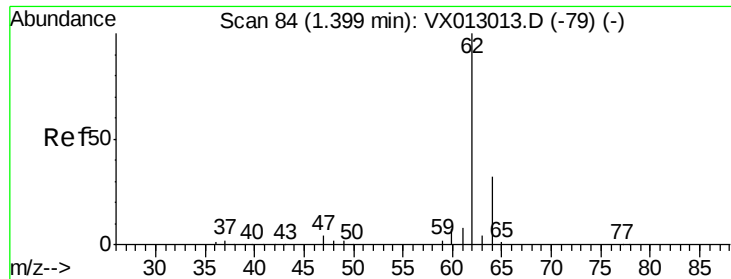
52 35.7 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 1.171 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

Instrument :

MSVOA_X

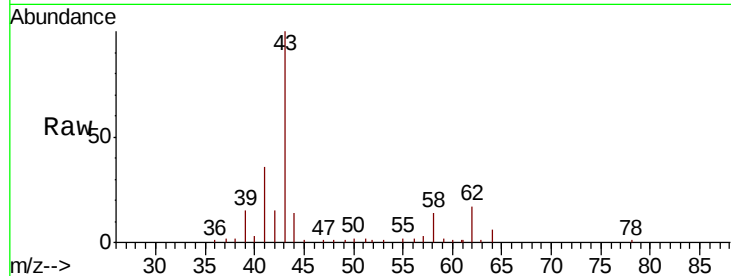
ClientSampled :

Tot Ion: 62 Resp: 2372

Ion Ratio Lower Upper

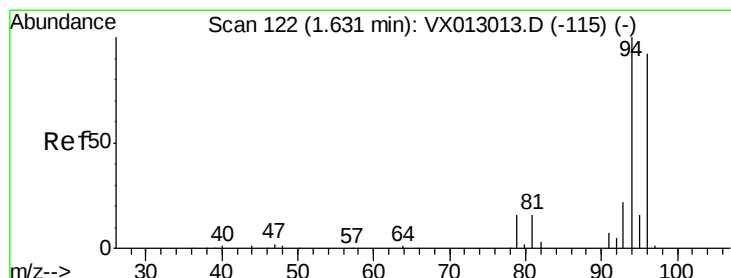
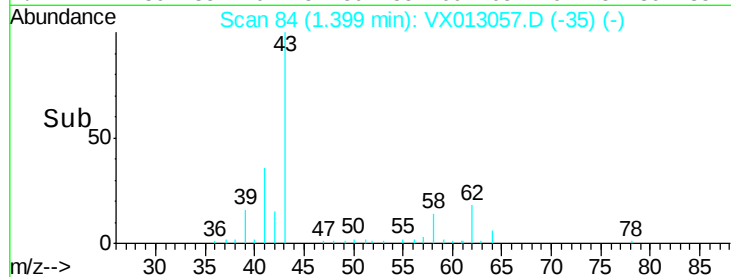
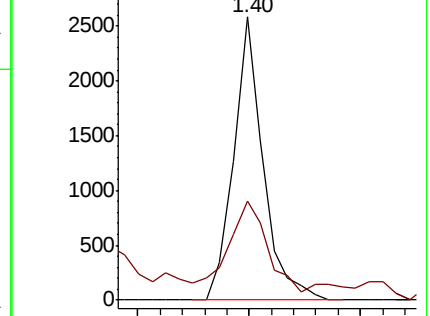
62 100

64 30.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.280 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX013057.D

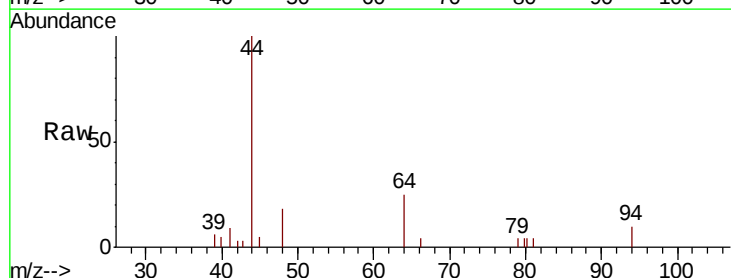
Acq: 14 Oct 2019 17:16

Tgt Ion: 94 Resp: 236

Ion Ratio Lower Upper

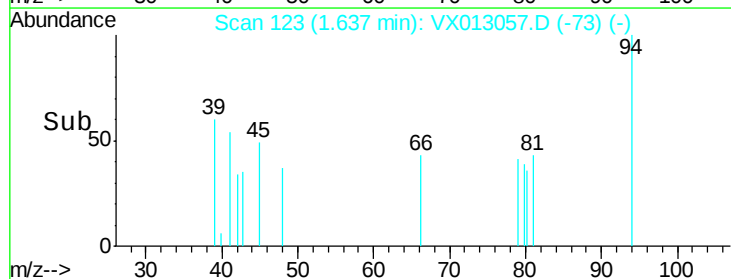
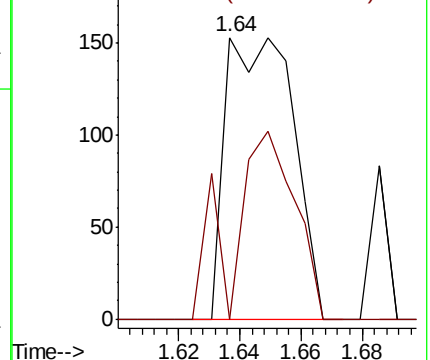
94 100

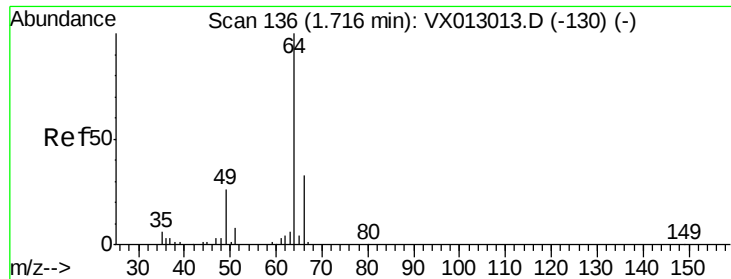
96 0.0 74.7 112.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 1.728 ug/l

RT: 1.66 min Scan# 127

Delta R.T. -0.05 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

Instrument :

MSVOA_X

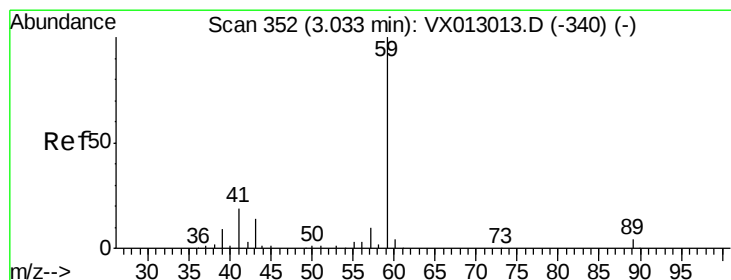
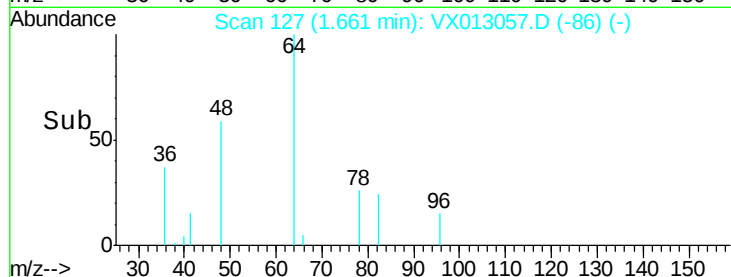
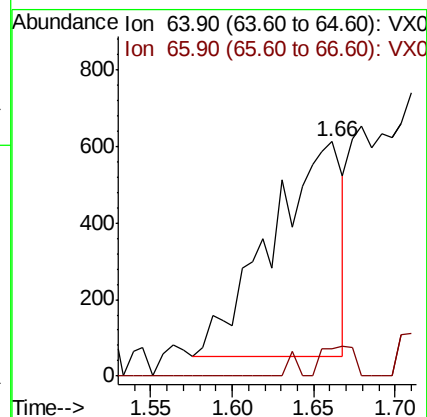
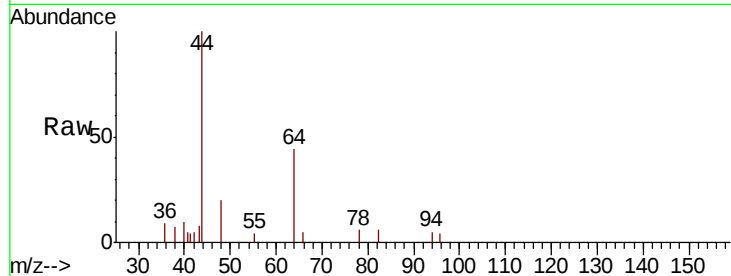
ClientSampleId :

Tot Ion: 64 Resp: 1695

Ion Ratio Lower Upper

64 100

66 13.0 25.6 38.4#



#11

Tert butyl alcohol

Concen: 7.990 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.03 min

Lab File: VX013057.D

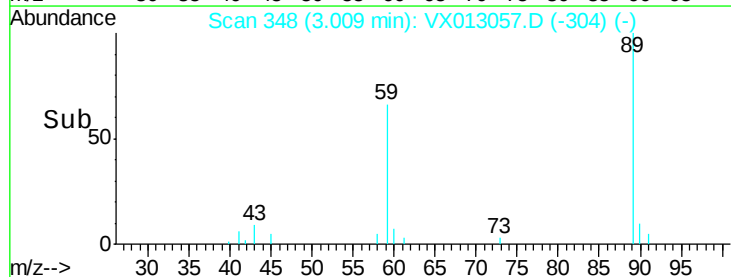
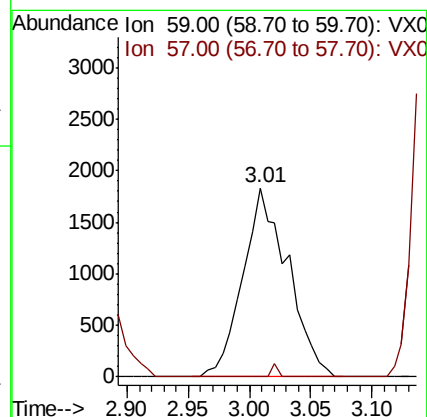
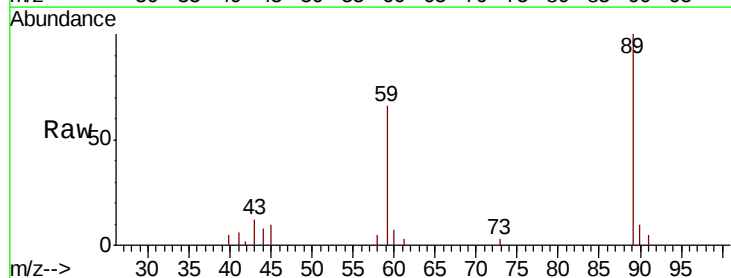
Acq: 14 Oct 2019 17:16

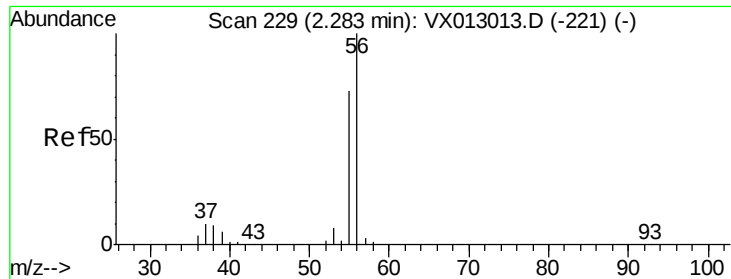
Tgt Ion: 59 Resp: 4682

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

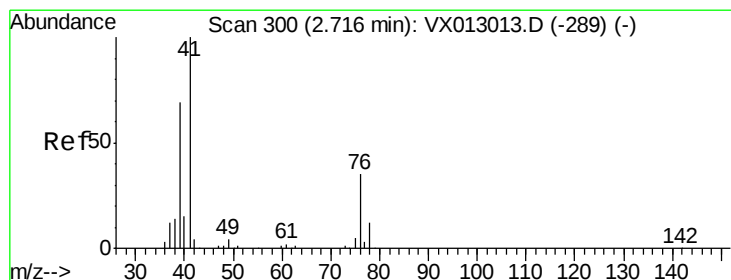
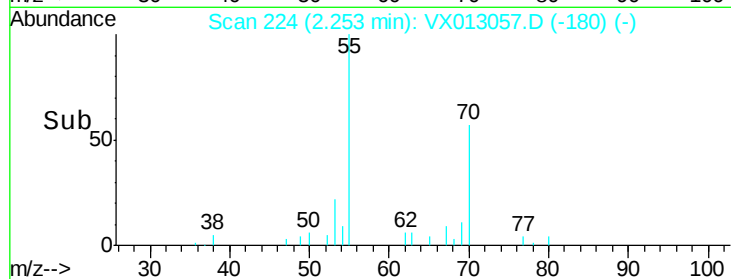
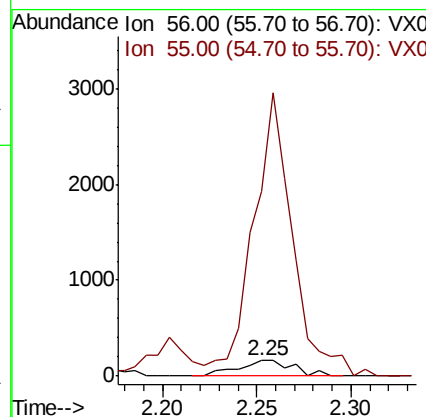
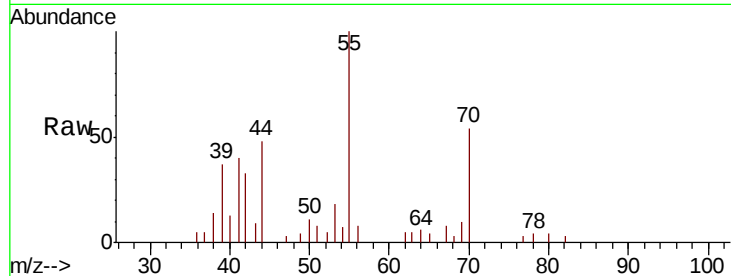




#13
Acrolein
Concen: 0.768 ug/l
RT: 2.25 min Scan# 224
Delta R.T. -0.03 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

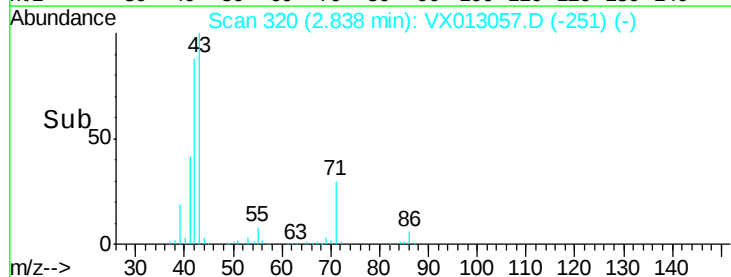
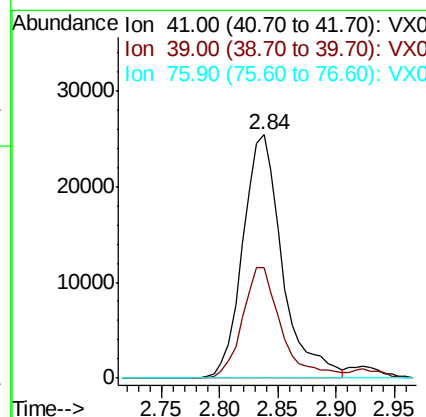
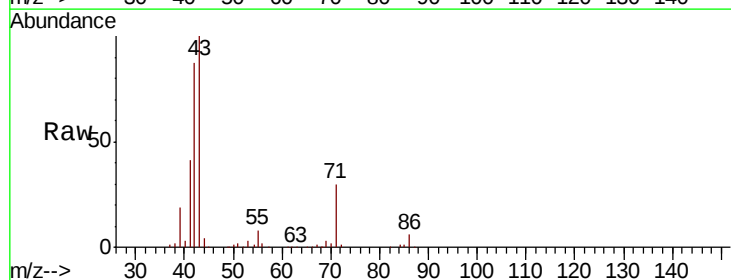
Instrument :
MSVOA_X
ClientSampleId :

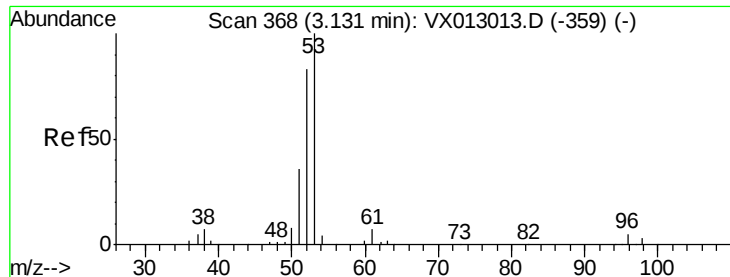
Tot Ion: 56 Resp: 320
Ion Ratio Lower Upper
56 100
55 1329.7 56.6 85.0#



#14
Allyl chloride
Concen: 18.904 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.12 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Tgt Ion: 41 Resp: 60169
Ion Ratio Lower Upper
41 100
39 44.7 51.0 76.6#
76 0.0 26.2 39.4#





#15

Acrylonitrile

Concen: 1.261 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.02 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

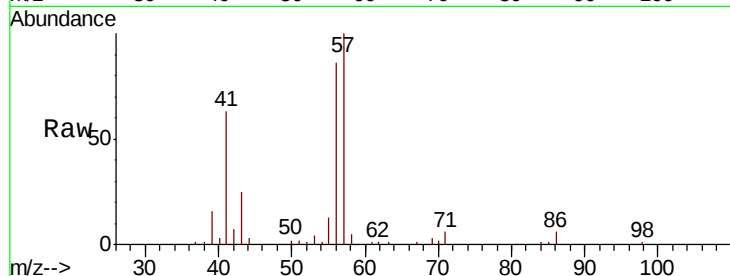
Tot Ion: 53 Resp: 1400

Ion Ratio Lower Upper

53 100

52 13.8 66.2 99.2#

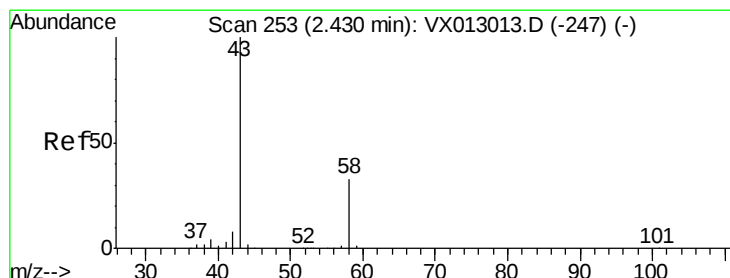
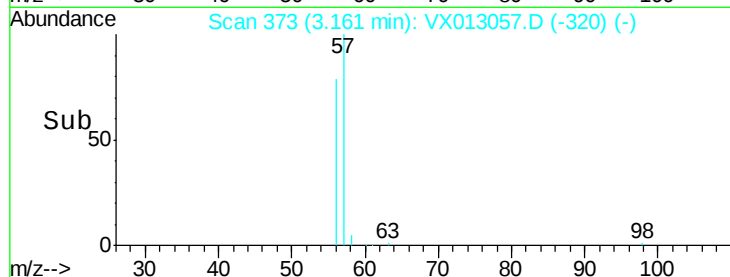
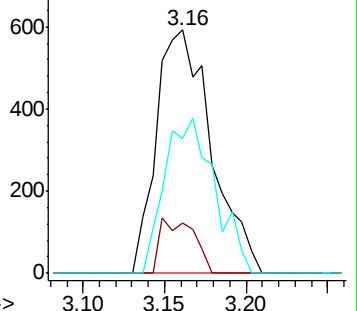
51 58.0 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 4.065 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013057.D

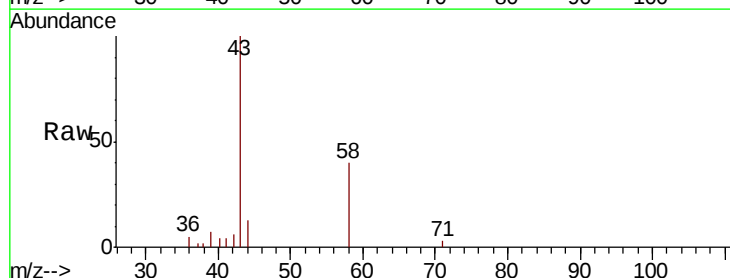
Acq: 14 Oct 2019 17:16

Tgt Ion: 43 Resp: 4737

Ion Ratio Lower Upper

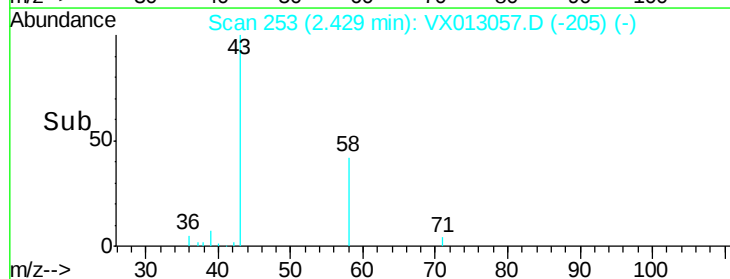
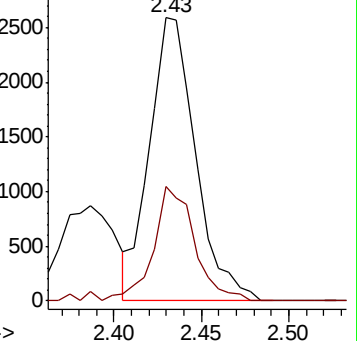
43 100

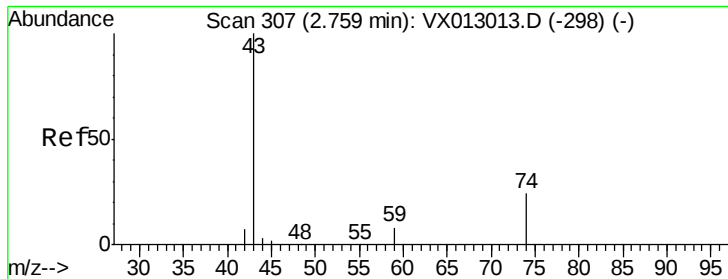
58 40.5 25.4 38.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

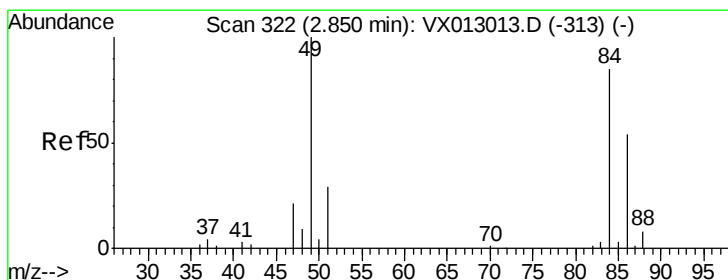
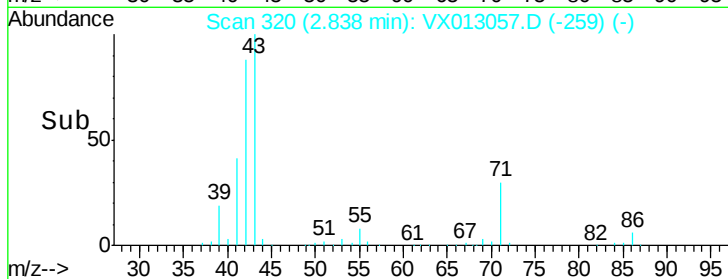
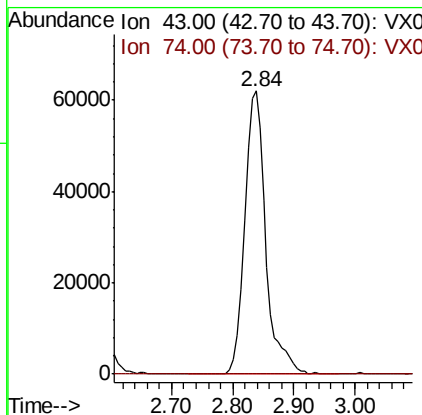
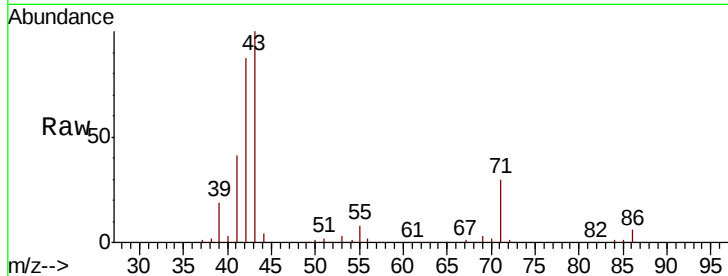




#18
Methyl Acetate
Concen: 53.380 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.07 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

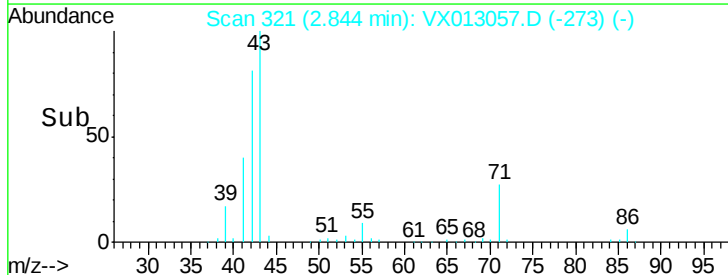
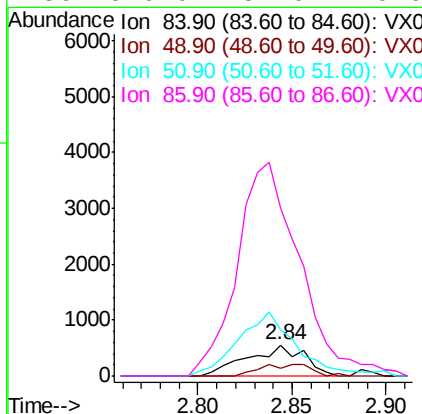
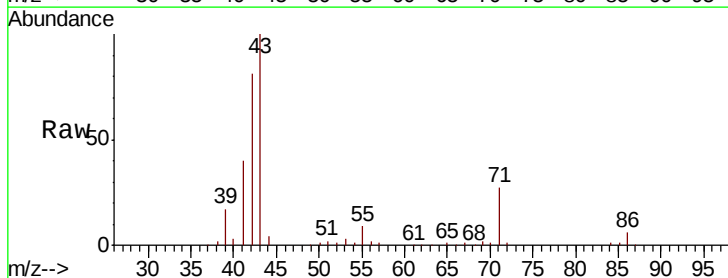
Instrument :
MSVOA_X
ClientSampleId :

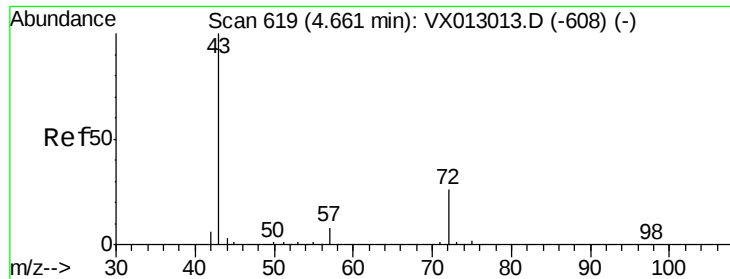
Tot Ion: 43 Resp: 147423
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#20
Methylene Chloride
Concen: 0.539 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Tgt Ion: 84 Resp: 1154
Ion Ratio Lower Upper
84 100
49 24.4 96.6 144.8#
51 147.4 30.7 46.1#
86 540.0 51.0 76.6#

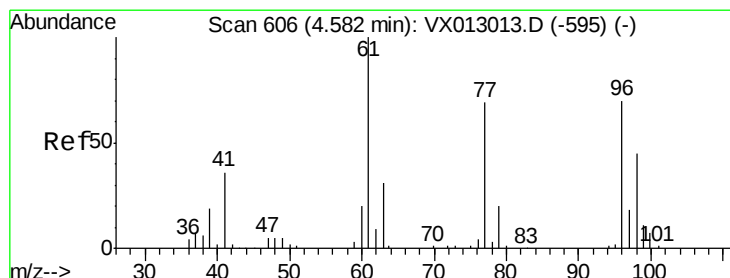
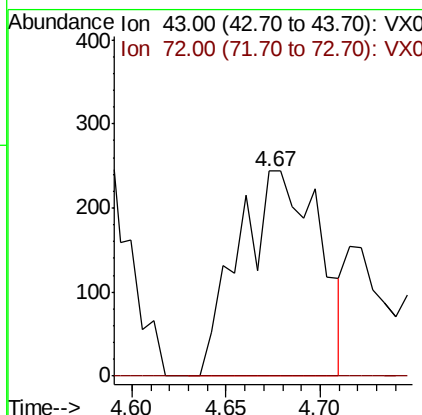
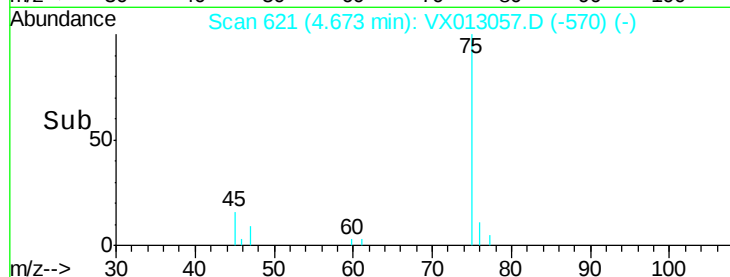
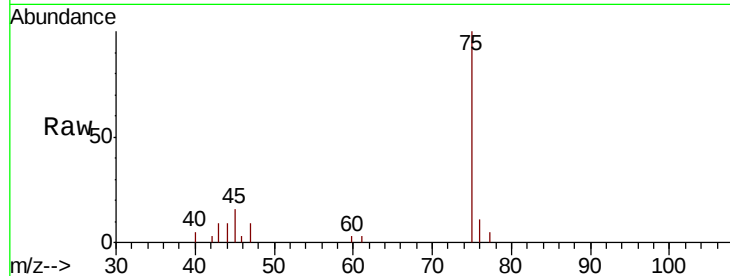




#25
2-Butanone
Concen: 0.449 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

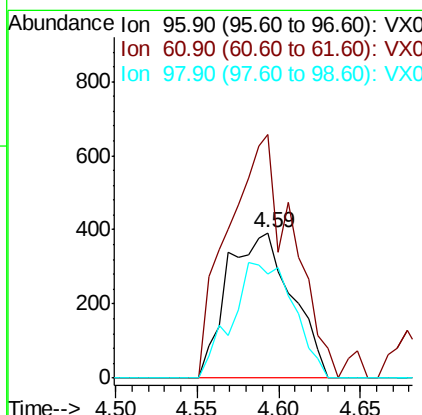
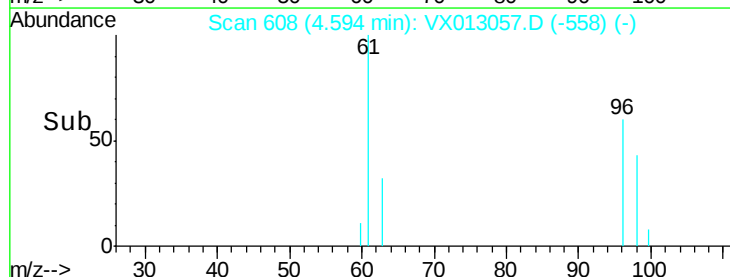
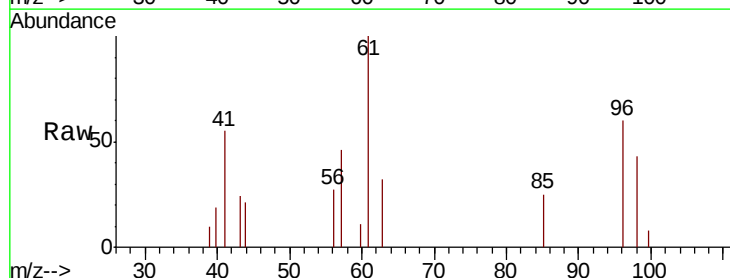
Instrument :
MSVOA_X
ClientSampleId :

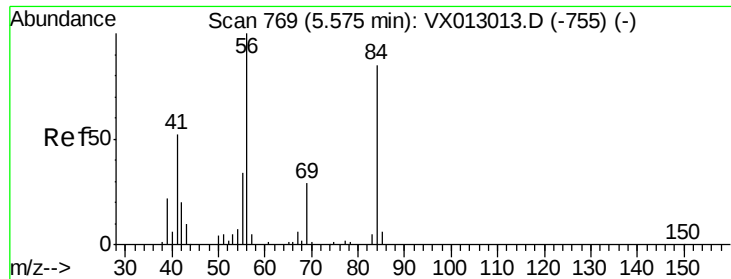
Tot Ion: 43 Resp: 726
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#27
cis-1,2-Dichloroethene
Concen: 0.489 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Tgt Ion: 96 Resp: 1079
Ion Ratio Lower Upper
96 100
61 166.5 0.0 290.6
98 75.6 0.0 128.8

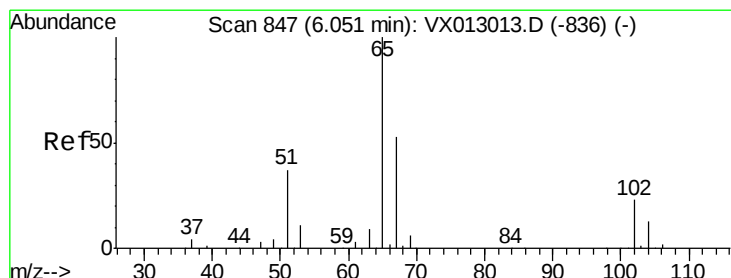
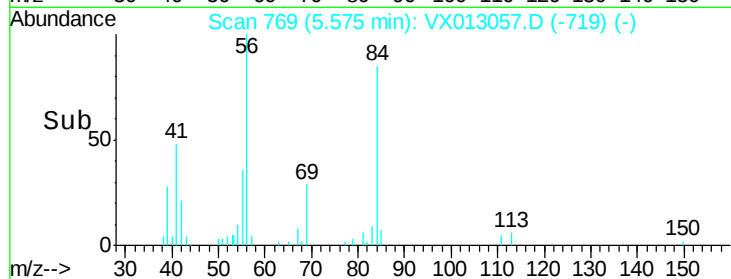
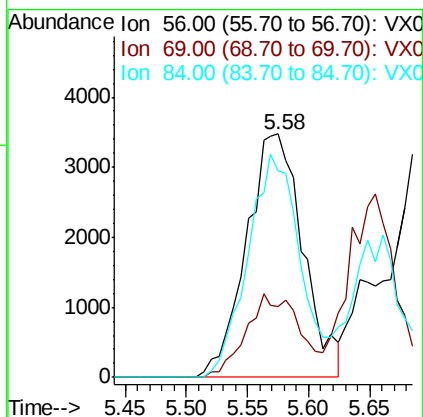
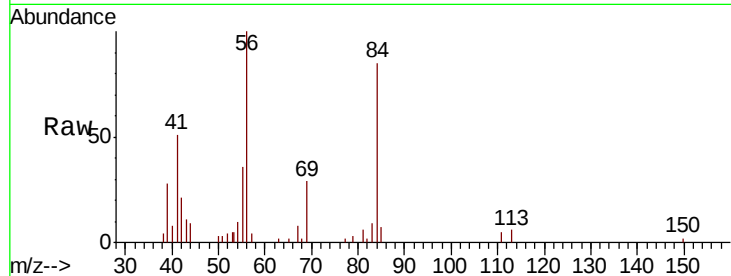




#31
Cyclohexane
Concen: 3.482 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

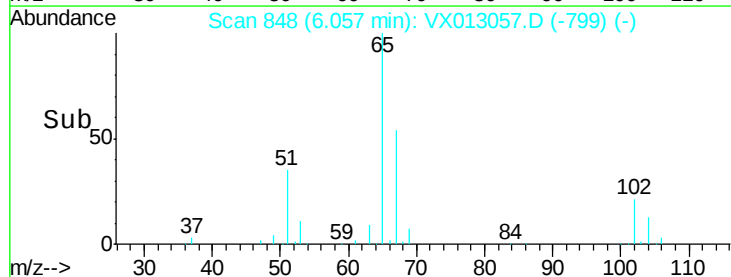
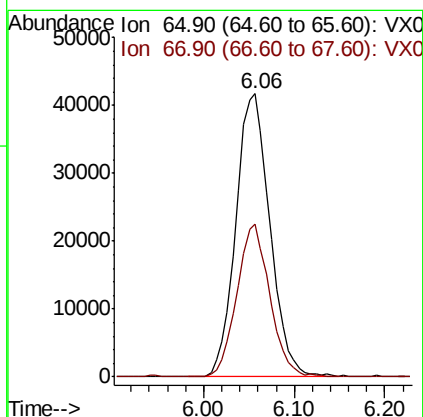
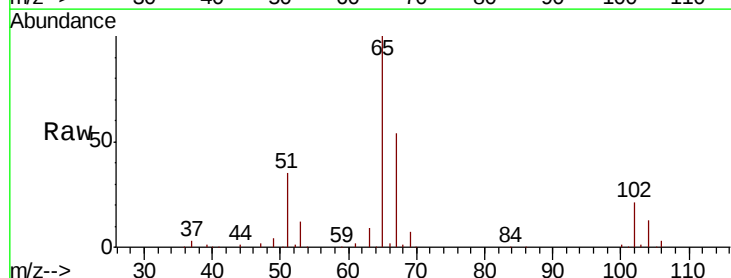
Instrument :
MSVOA_X
ClientSampleId :

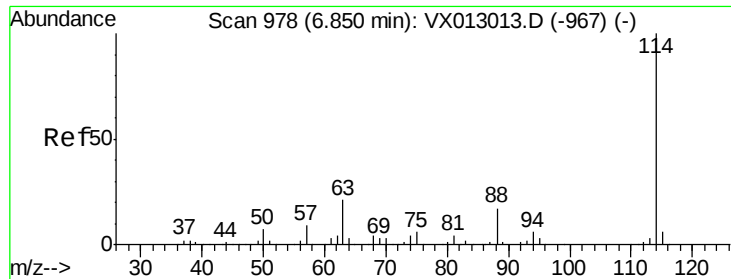
Tot Ion: 56 Resp: 11172
Ion Ratio Lower Upper
56 100
69 28.8 25.2 37.8
84 84.6 71.3 106.9



#33
1,2-Dichloroethane-d4
Concen: 49.275 ug/l
RT: 6.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Tgt Ion: 65 Resp: 108924
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.4

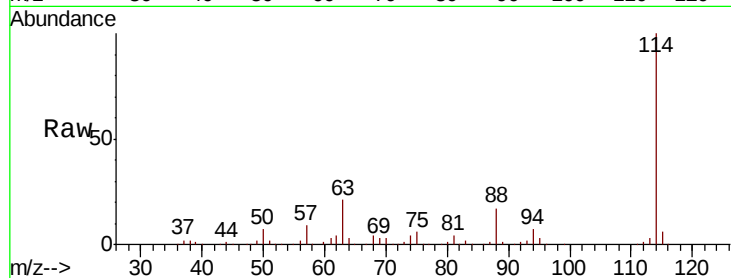




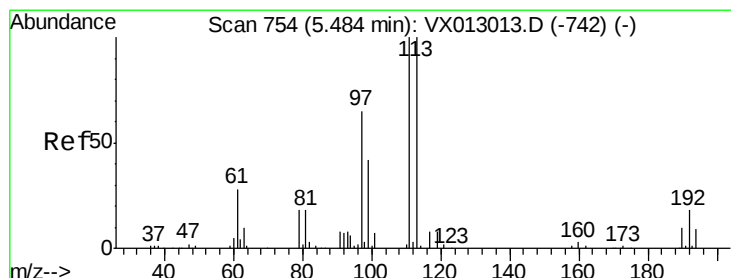
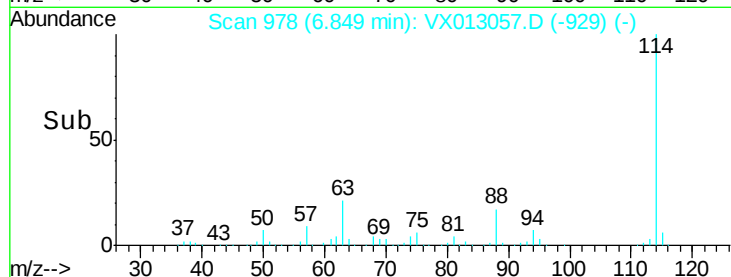
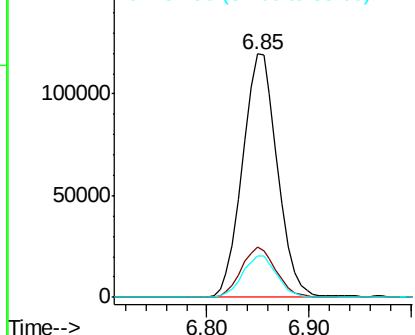
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013057.D
 Acq: 14 Oct 2019 17:16

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 285083
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.8
 88 17.0 0.0 33.8

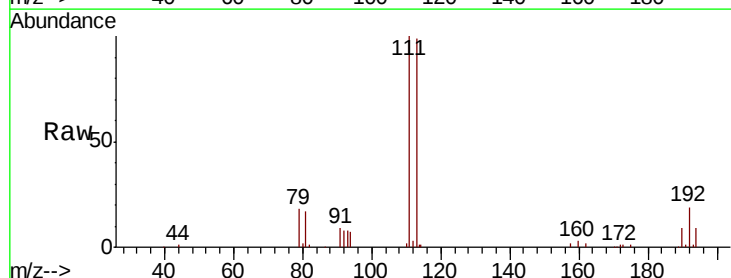


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

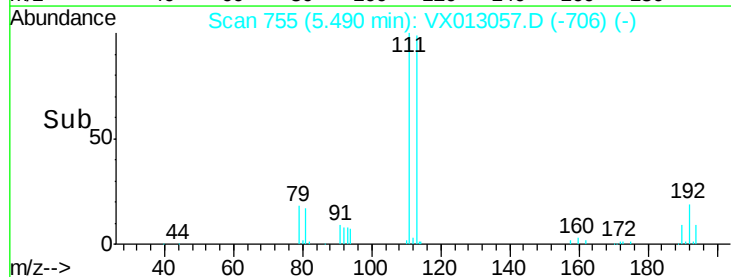
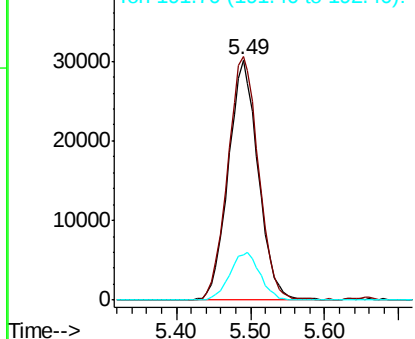


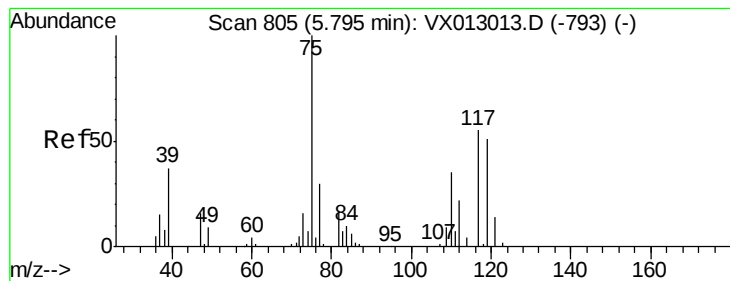
#35
 Dibromofluoromethane
 Concen: 51.687 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013057.D
 Acq: 14 Oct 2019 17:16

Tgt Ion:113 Resp: 84571
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.2 124.8
 192 20.1 15.4 23.2



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: 5.586 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

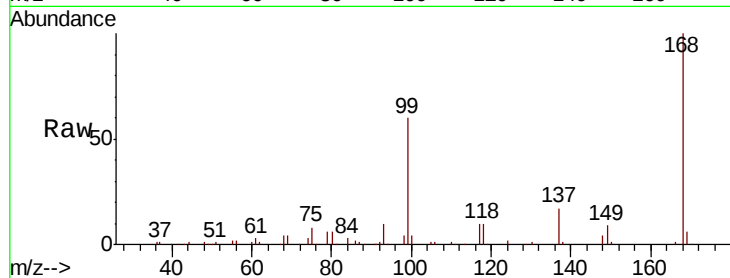
Tot Ion: 75 Resp: 14000

Ion Ratio Lower Upper

75 100

110 9.1 17.6 52.9#

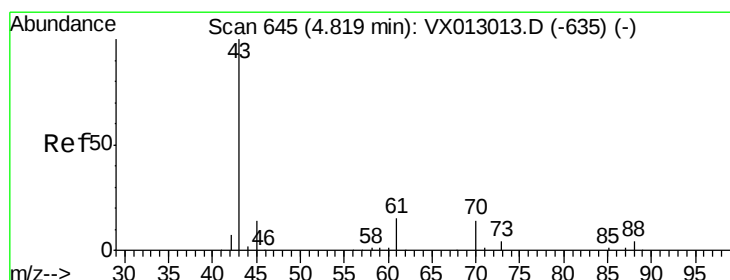
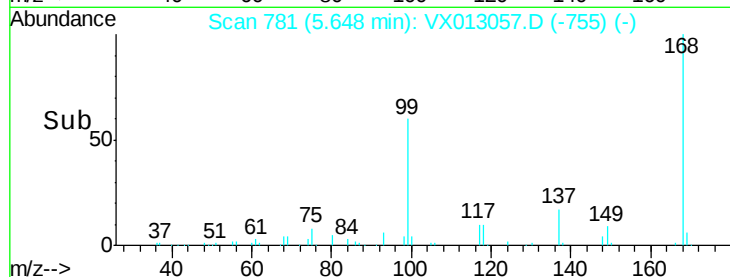
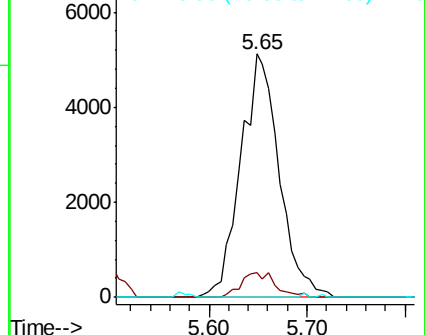
77 0.0 24.4 36.6#



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: 0.576 ug/l

RT: 4.84 min Scan# 649

Delta R.T. 0.02 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

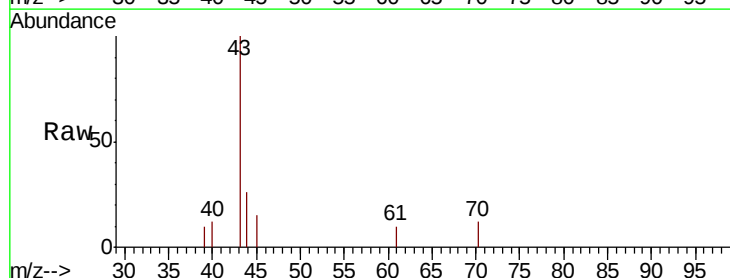
Tgt Ion: 43 Resp: 1614

Ion Ratio Lower Upper

43 100

61 11.3 11.4 17.0#

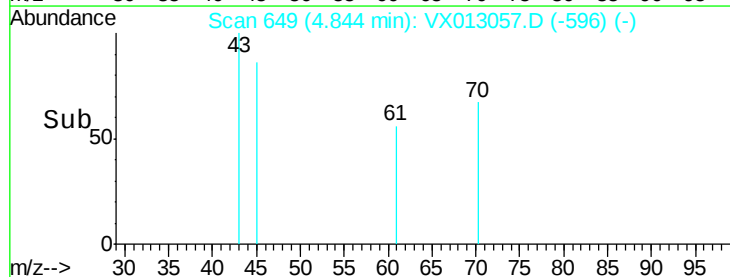
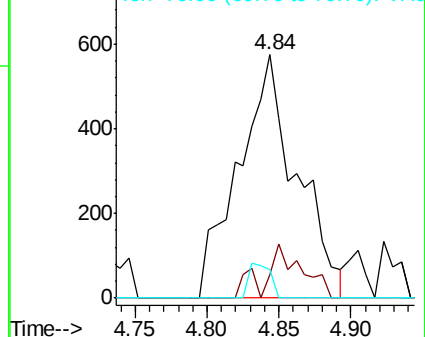
70 5.1 9.8 14.6#

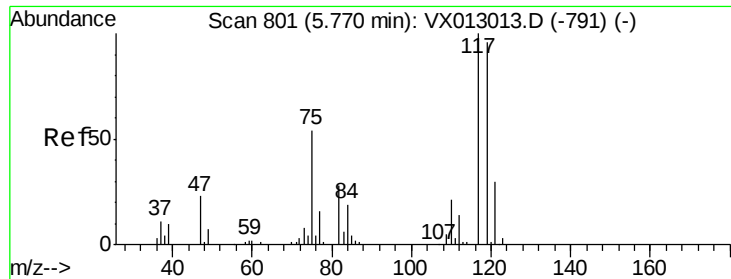


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 7.354 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

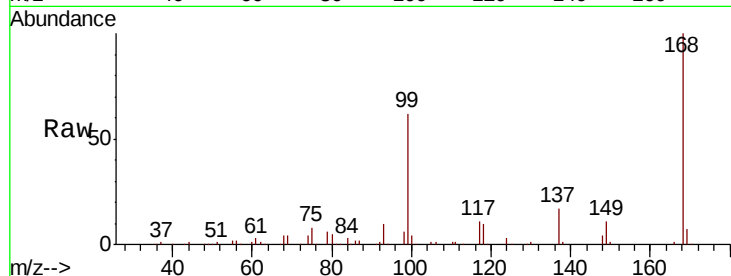
Tot Ion:117 Resp: 17940

Ion Ratio Lower Upper

117 100

119 3.8 74.5 111.7#

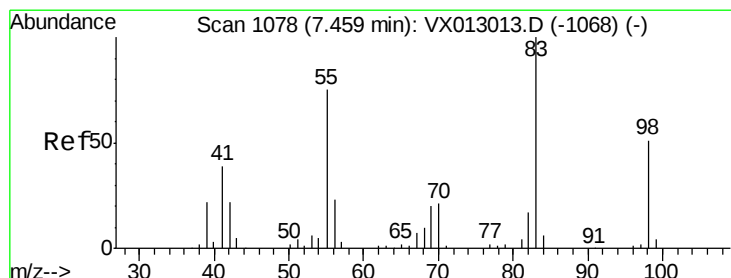
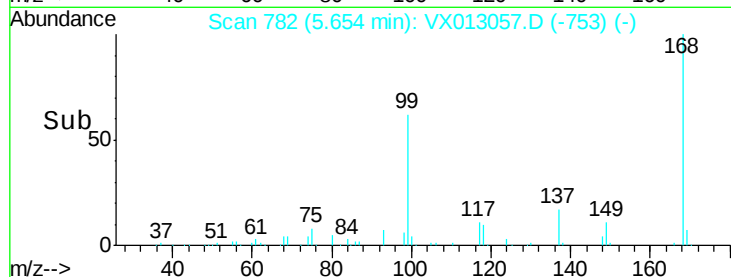
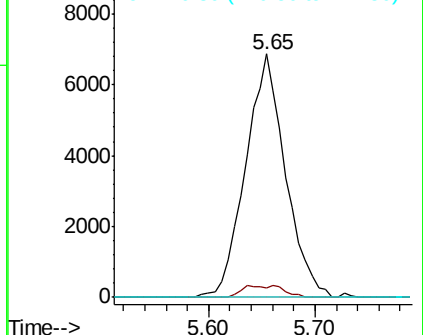
121 0.0 24.2 36.4#



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: 0.911 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.02 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

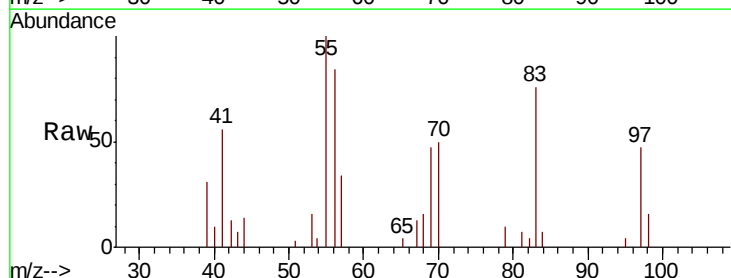
Tgt Ion: 83 Resp: 2770

Ion Ratio Lower Upper

83 100

55 131.2 60.2 90.4#

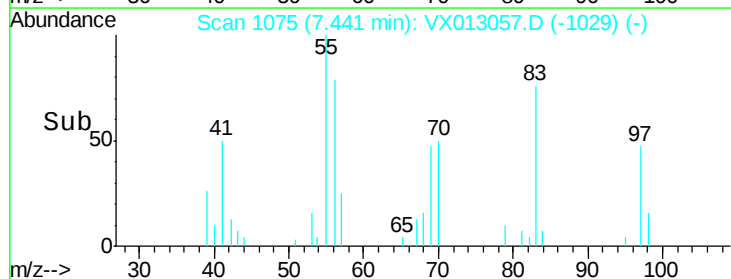
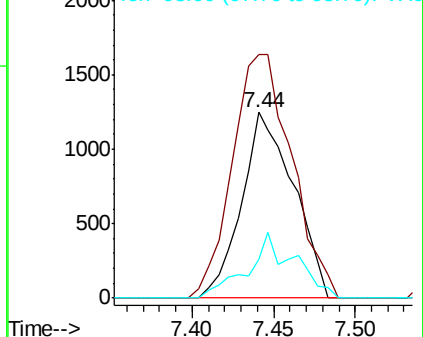
98 21.1 38.5 57.7#

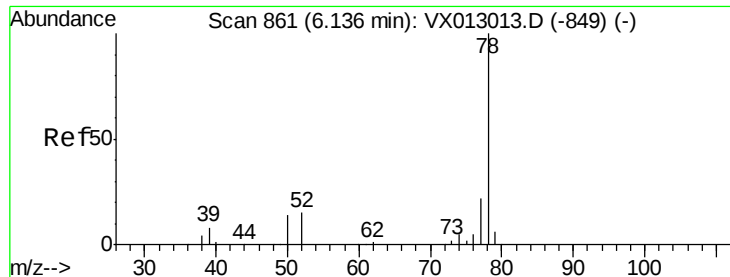


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

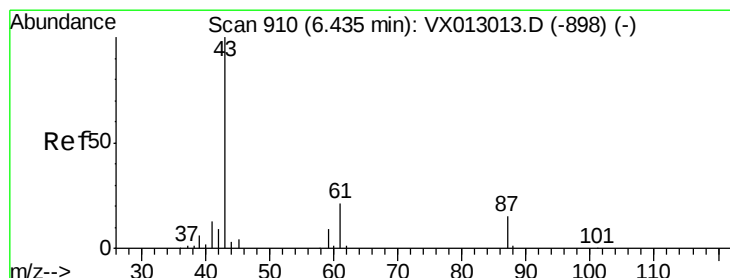
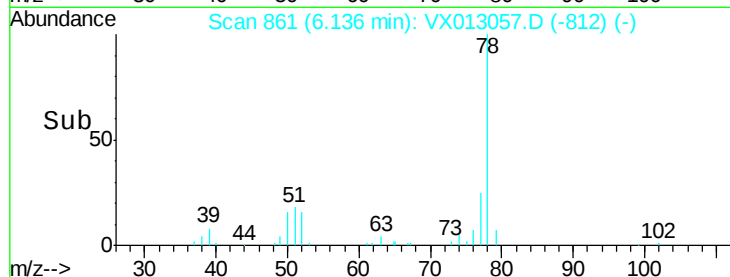
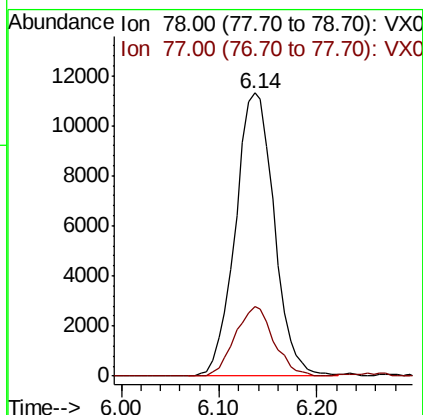
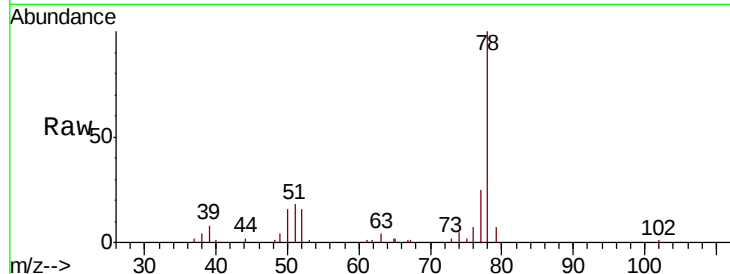




#40
Benzene
Concen: 4.206 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

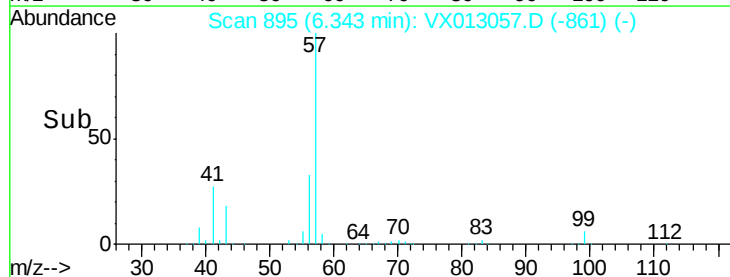
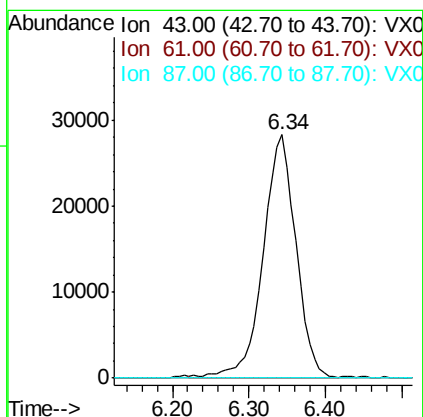
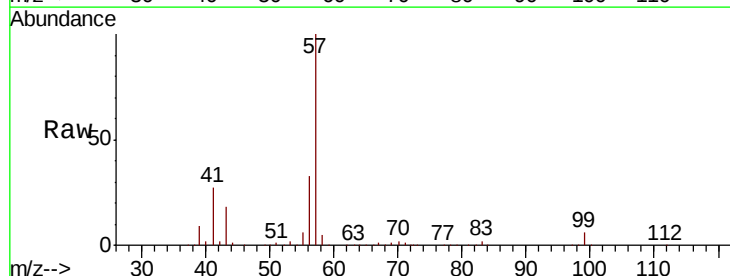
Instrument :
MSVOA_X
ClientSampleId :

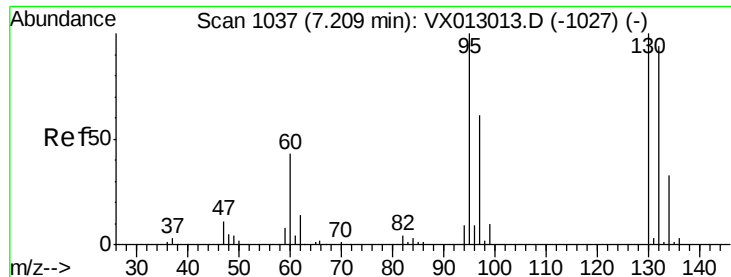
Tot Ion: 78 Resp: 31133
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.4



#43
Isopropyl Acetate
Concen: 18.466 ug/l
RT: 6.34 min Scan# 895
Delta R.T. -0.09 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Tgt Ion: 43 Resp: 83069
Ion Ratio Lower Upper
43 100
61 0.0 16.6 24.8#
87 0.0 11.0 16.6#





#44

Trichloroethene

Concen: 0.583 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

Instrument :

MSVOA_X

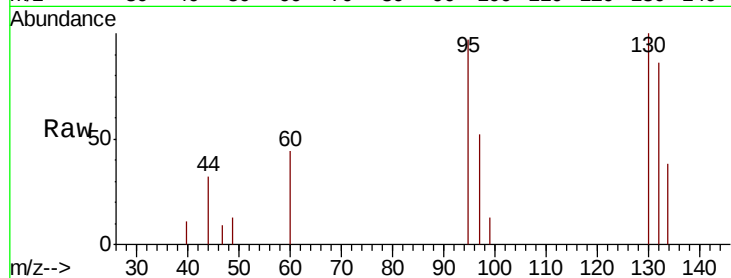
ClientSampleId :

Tot Ion:130 Resp: 1197

Ion Ratio Lower Upper

130 100

95 97.2 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

600

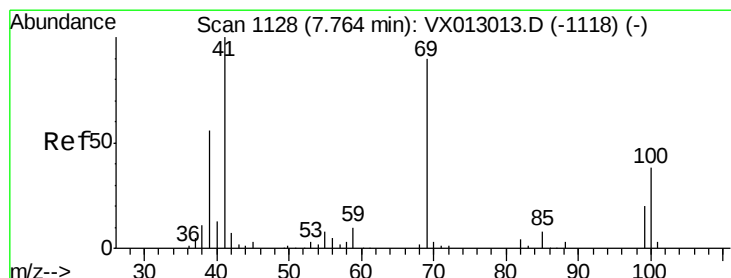
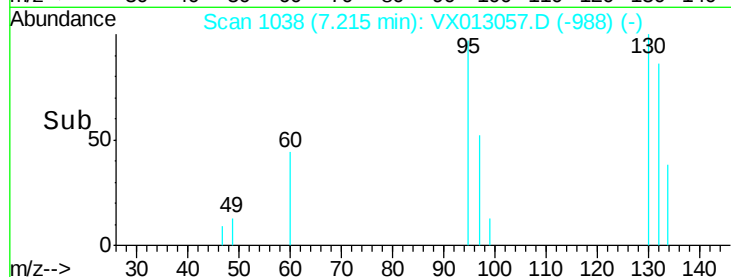
400

200

0

7.15 7.20 7.25

Time-->



#48

Methyl methacrylate

Concen: 0.333 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.03 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

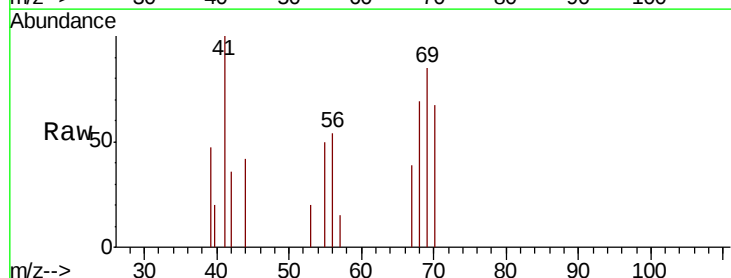
Tgt Ion: 41 Resp: 731

Ion Ratio Lower Upper

41 100

69 138.2 68.7 103.1#

39 55.0 44.3 66.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

3000

2500

2000

1500

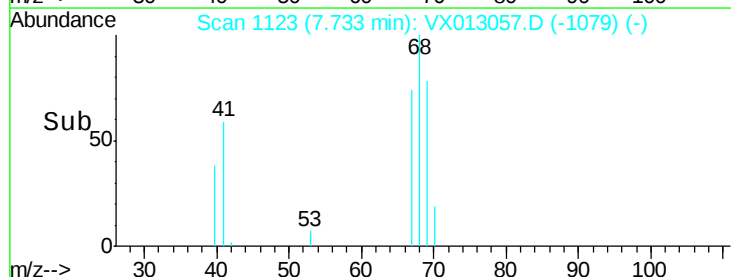
1000

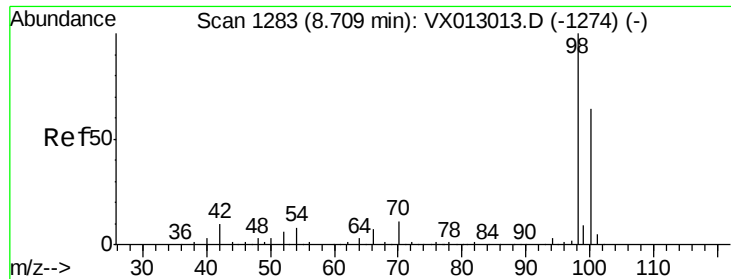
500

0

7.70 7.75

Time-->

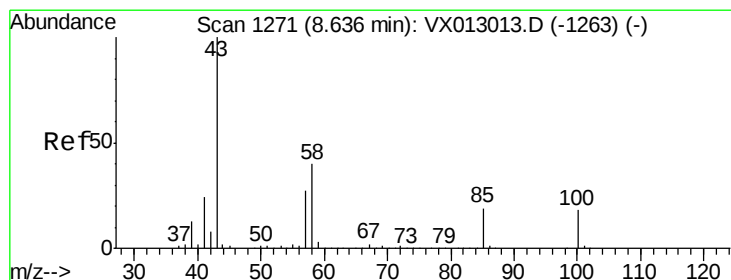
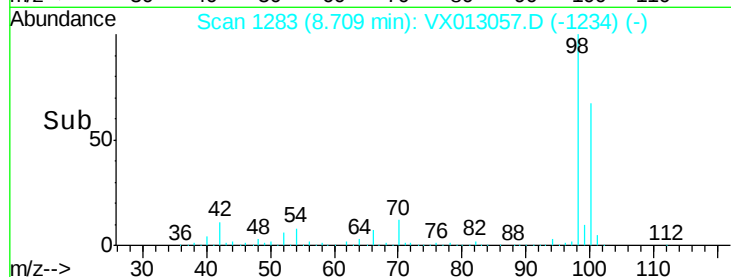
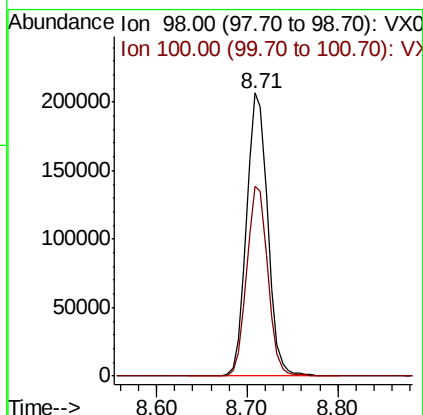
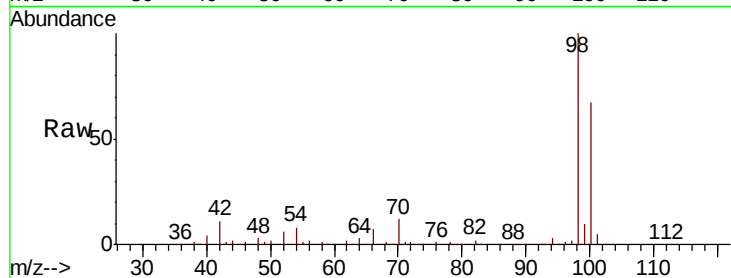




#50
Toluene-d8
Concen: 52.458 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

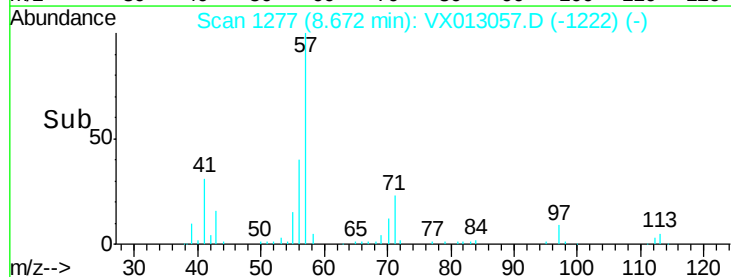
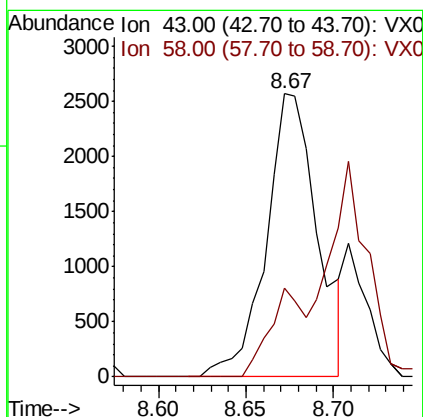
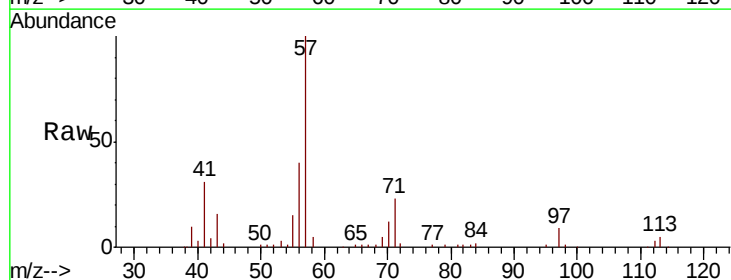
Instrument :
MSVOA_X
ClientSampleId :

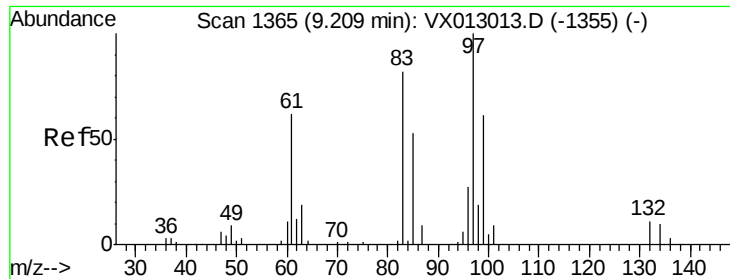
Tot Ion: 98 Resp: 334772
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 1.867 ug/l
RT: 8.67 min Scan# 1277
Delta R.T. 0.04 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Tgt Ion: 43 Resp: 5237
Ion Ratio Lower Upper
43 100
58 21.1 32.4 48.6#

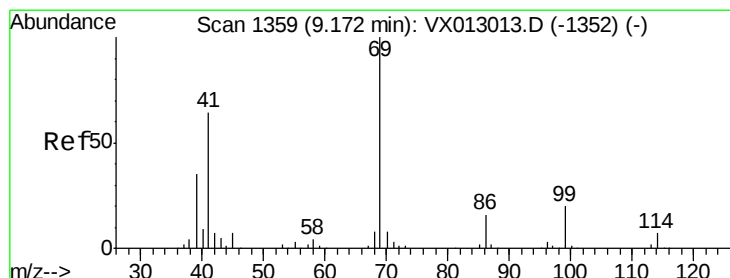
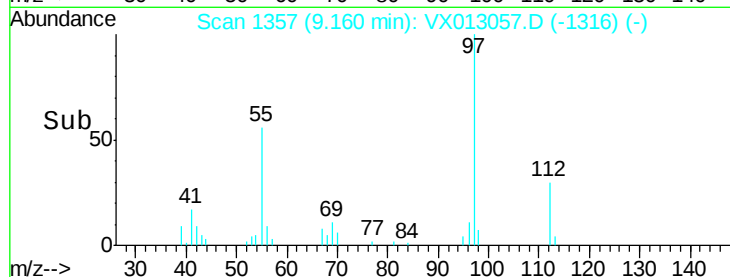
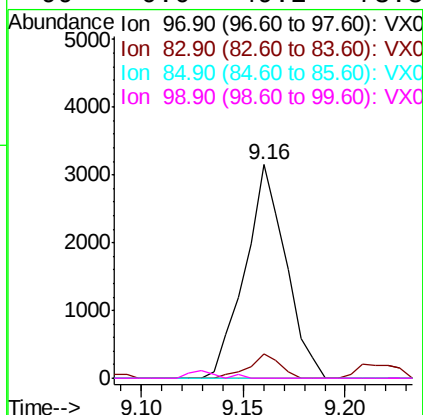
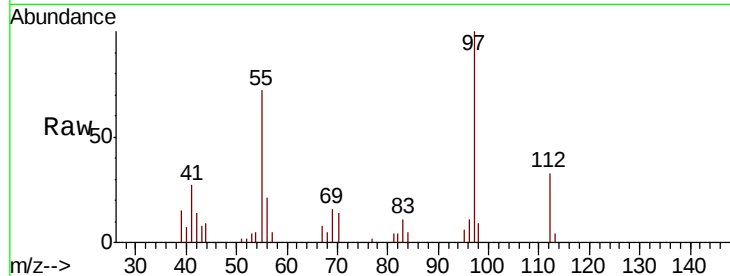




#55
1,1,2-Trichloroethane
Concen: 2.348 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.05 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

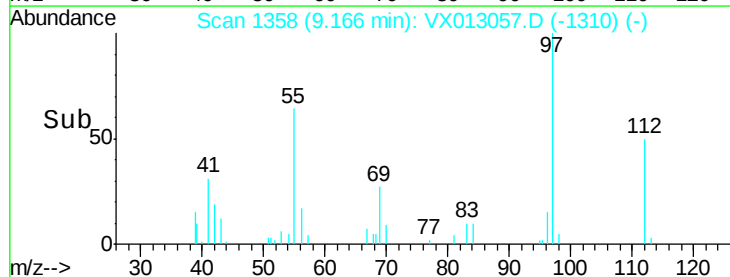
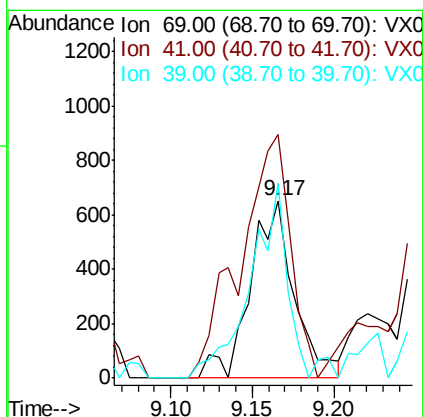
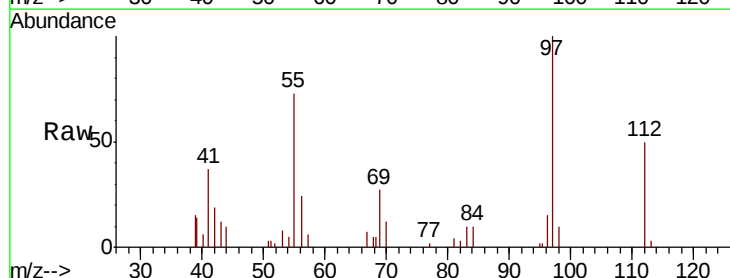
Instrument :
MSVOA_X
ClientSampleId :

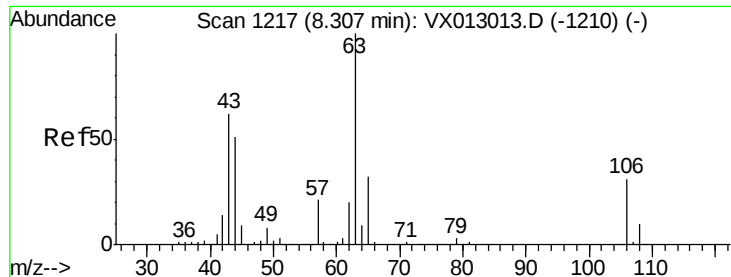
Tot Ion: 97 Resp: 4400
Ion Ratio Lower Upper
97 100
83 11.3 66.5 99.7#
85 0.0 43.1 64.7#
99 0.0 49.2 73.8#



#56
Ethyl methacrylate
Concen: 2.181 ug/l
RT: 9.17 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Tgt Ion: 69 Resp: 1217
Ion Ratio Lower Upper
69 100
41 157.9 52.1 78.1#
39 91.2 27.8 41.8#

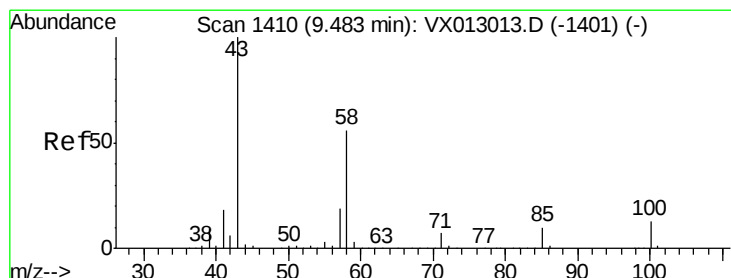
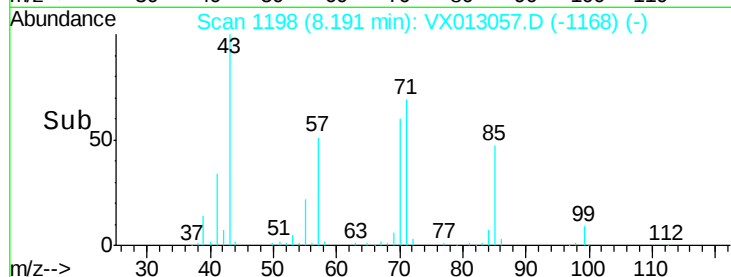
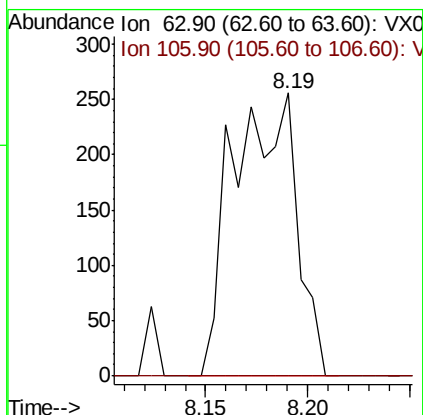
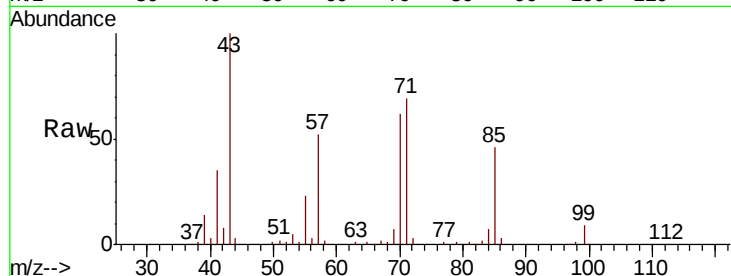




#58
2-Chloroethyl Vinyl ether
Concen: 0.401 ug/l
RT: 8.19 min Scan# 1198
Delta R.T. -0.12 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

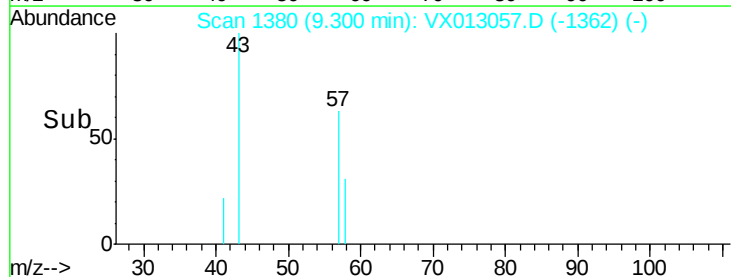
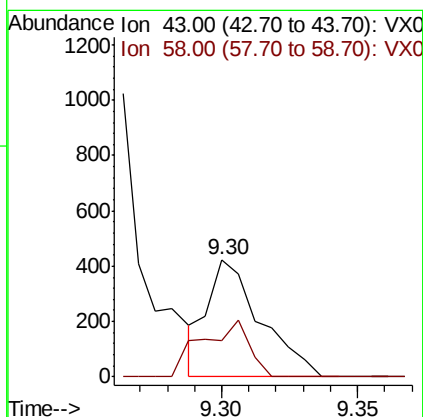
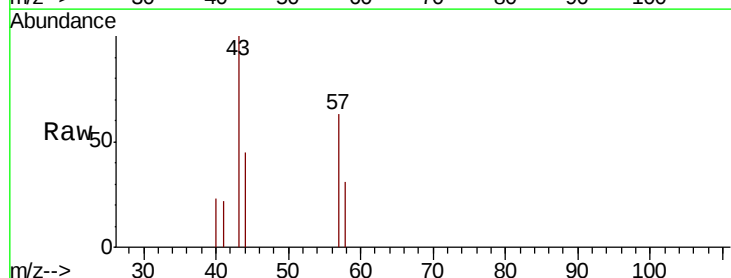
Instrument :
MSVOA_X
ClientSampled :

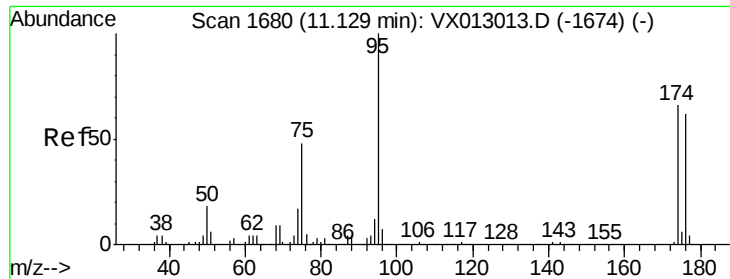
Tot Ion: 63 Resp: 552
Ion Ratio Lower Upper
63 100
106 0.0 23.8 35.8#



#59
2-Hexanone
Concen: 0.262 ug/l
RT: 9.30 min Scan# 1380
Delta R.T. -0.19 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Tgt Ion: 43 Resp: 571
Ion Ratio Lower Upper
43 100
58 43.6 28.1 84.3

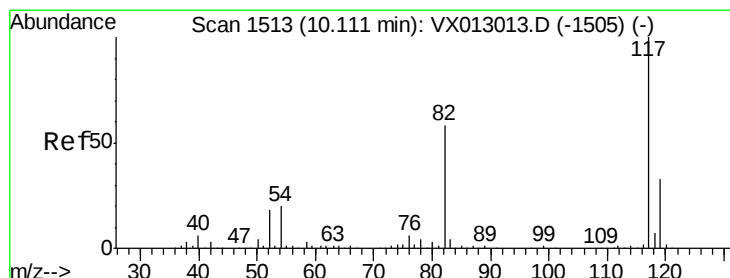
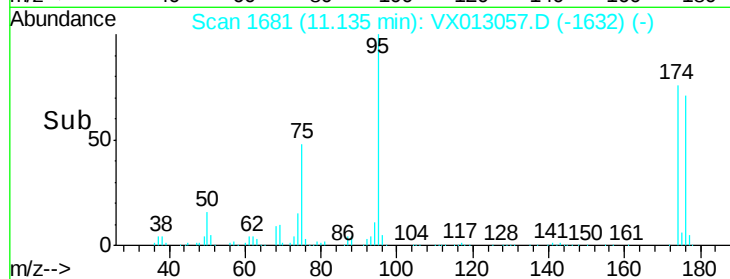
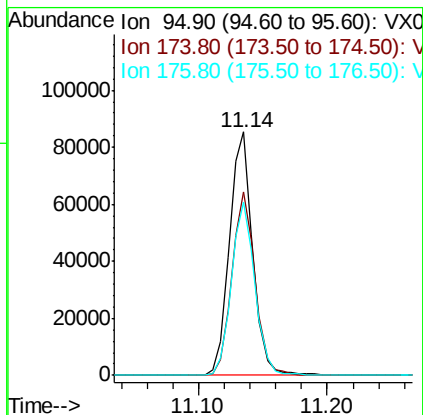
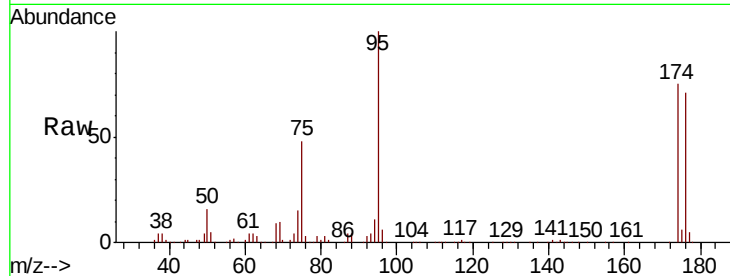




#62
4-Bromofluorobenzene
Concen: 43.710 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

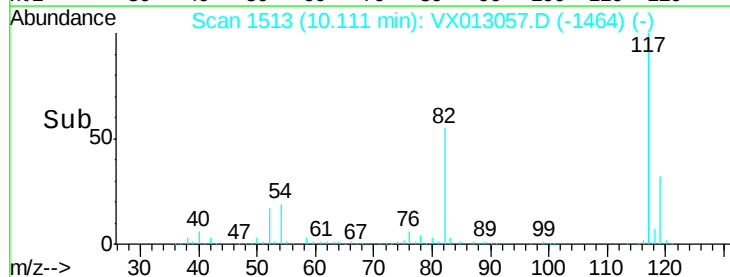
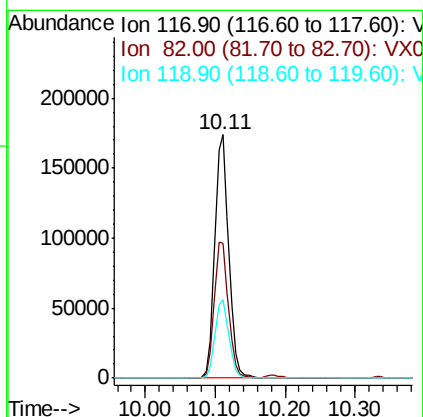
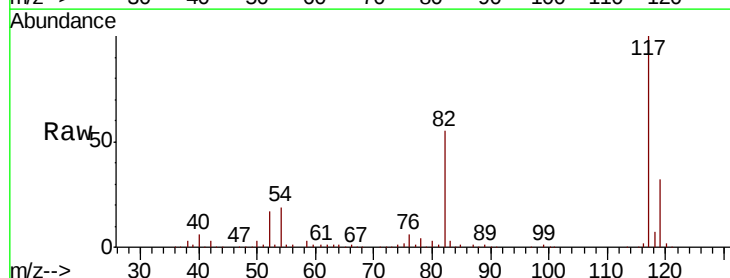
Instrument :
MSVOA_X
ClientSampleId :

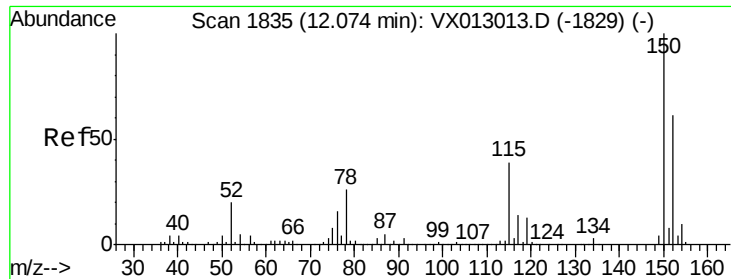
Tot Ion: 95 Resp: 108386
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.4
176 71.3 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Tgt Ion: 117 Resp: 239939
Ion Ratio Lower Upper
117 100
82 55.5 44.1 66.1
119 32.3 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

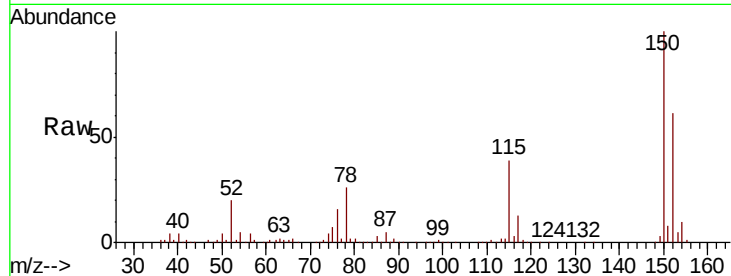
Tot Ion:152 Resp: 94644

Ion Ratio Lower Upper

152 100

115 61.3 44.5 133.5

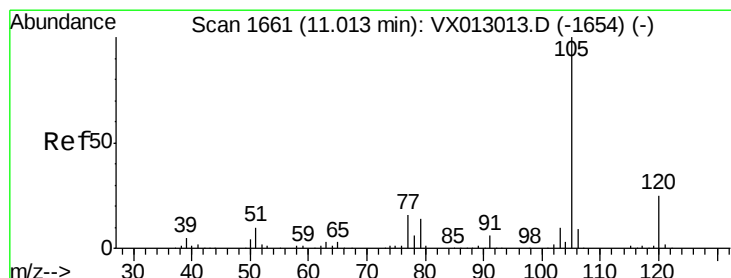
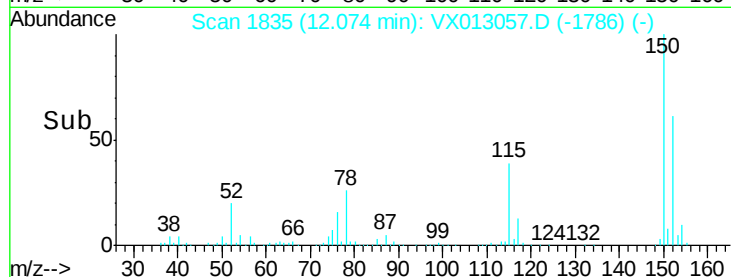
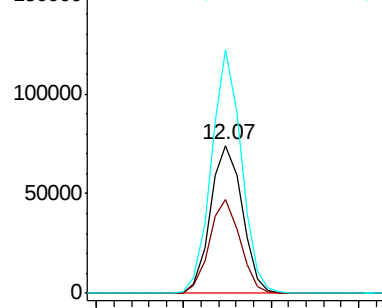
150 154.2 0.0 353.4



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: 0.294 ug/l

RT: 11.02 min Scan# 1662

Delta R.T. 0.01 min

Lab File: VX013057.D

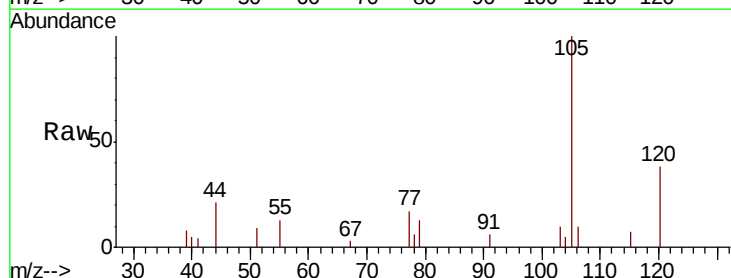
Acq: 14 Oct 2019 17:16

Tgt Ion:105 Resp: 2048

Ion Ratio Lower Upper

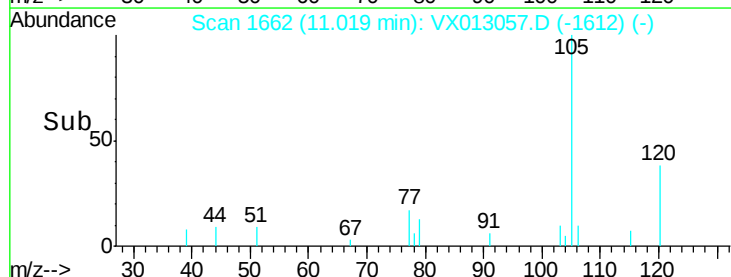
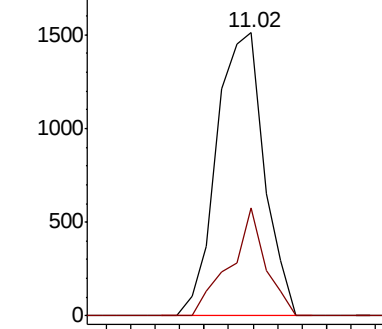
105 100

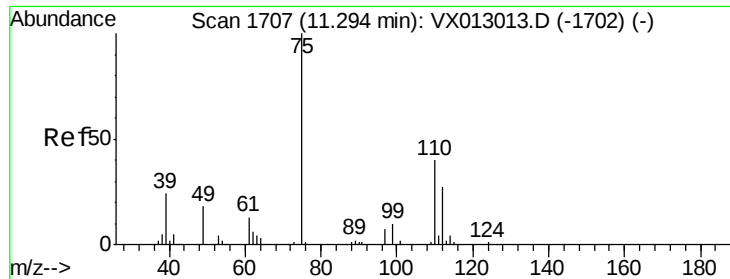
120 28.6 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 25.380 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.15 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

Instrument :

MSVOA_X

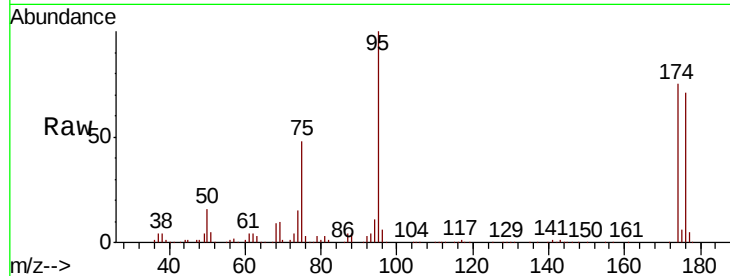
ClientSampleId :

Tot Ion: 75 Resp: 53278

Ion Ratio Lower Upper

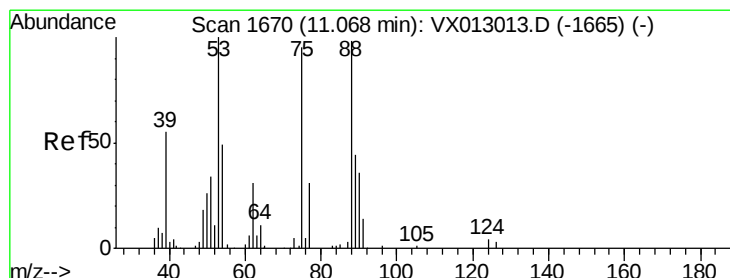
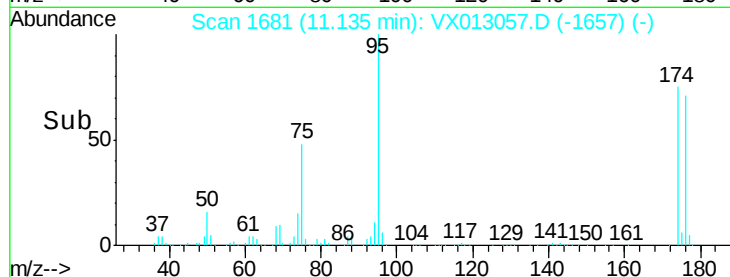
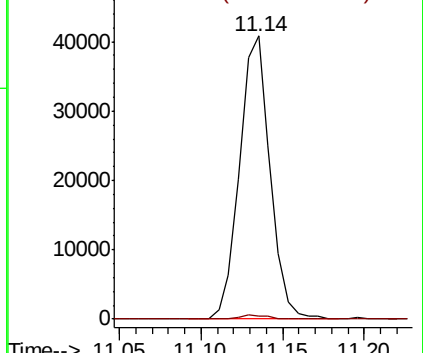
75 100

77 1.3 22.9 68.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 64.018 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013057.D

Acq: 14 Oct 2019 17:16

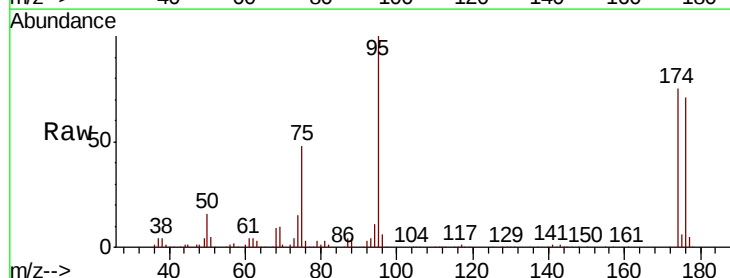
Tgt Ion: 75 Resp: 53278

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

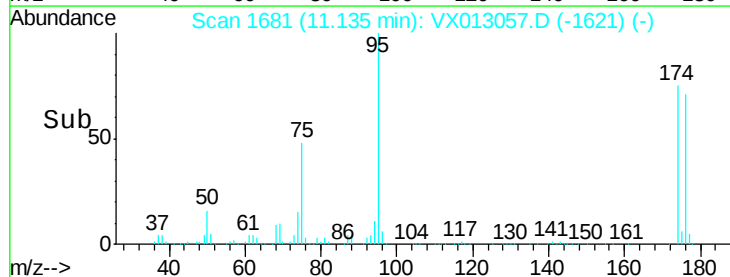
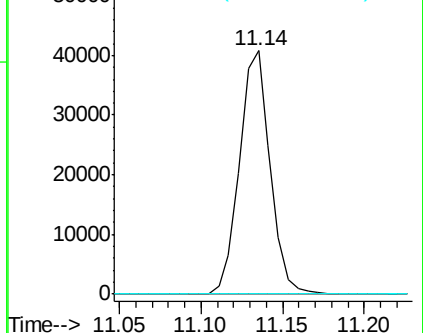
89 0.0 37.4 56.2#

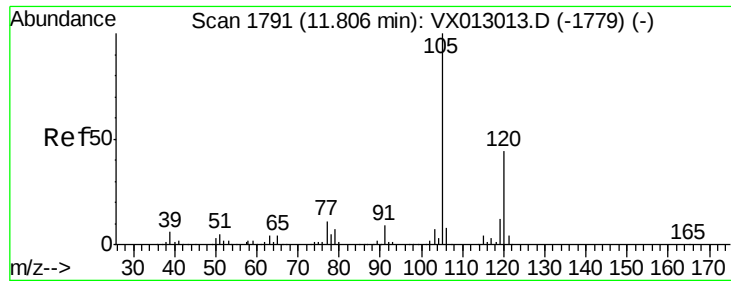


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

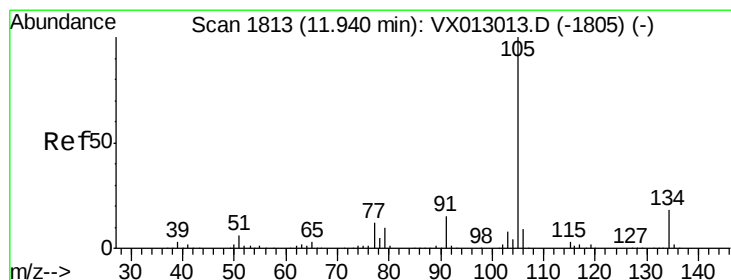
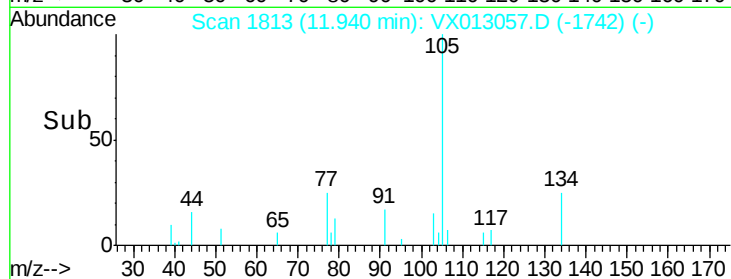
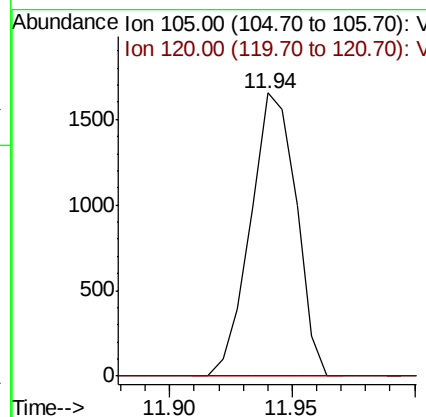
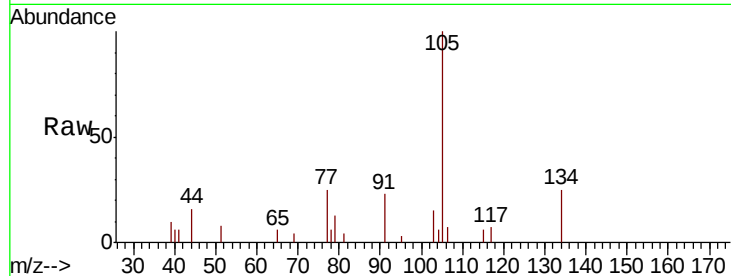




#84
1,2,4-Trimethylbenzene
Concen: 0.368 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.13 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

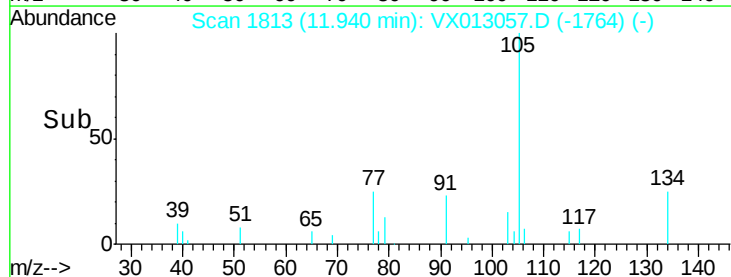
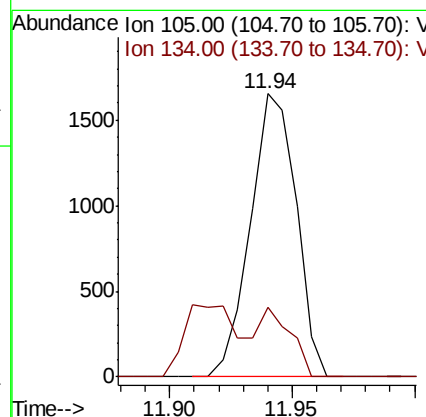
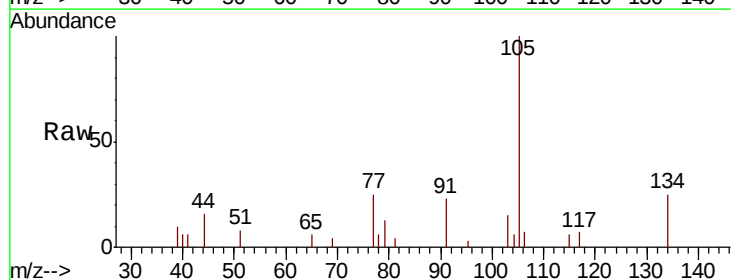
Instrument :
MSVOA_X
ClientSampleId :

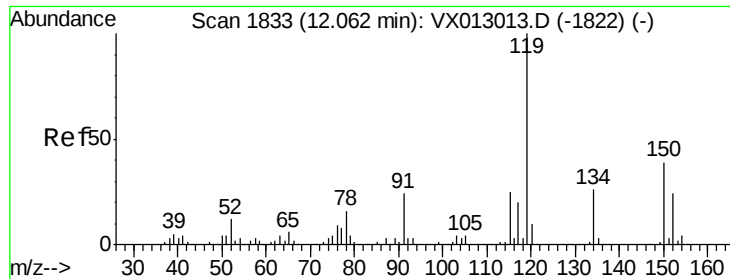
Tot Ion:105 Resp: 2167
Ion Ratio Lower Upper
105 100
120 0.0 21.8 65.3#



#85
sec-Butylbenzene
Concen: 0.330 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Tgt Ion:105 Resp: 2167
Ion Ratio Lower Upper
105 100
134 15.6 10.0 30.0

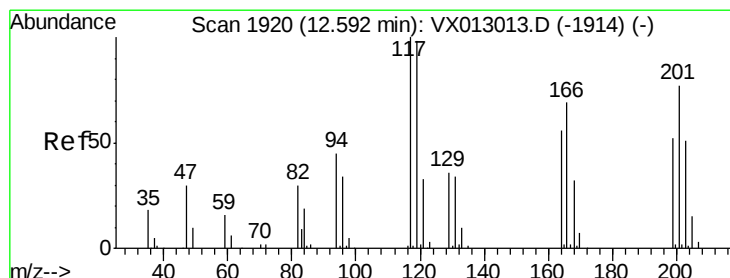
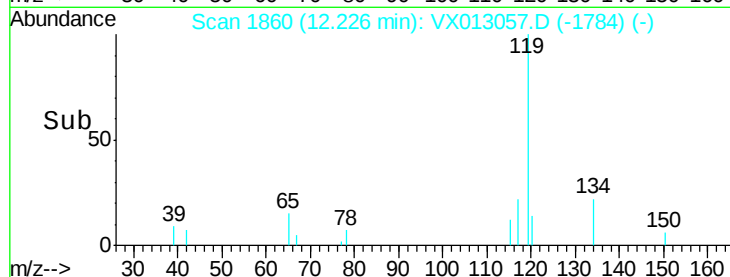
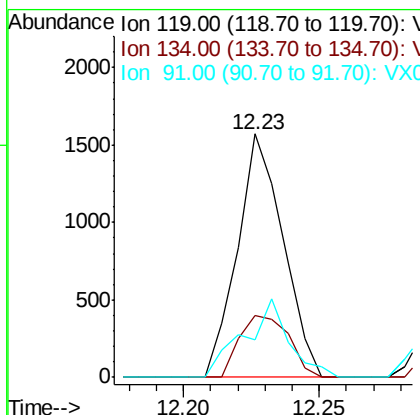
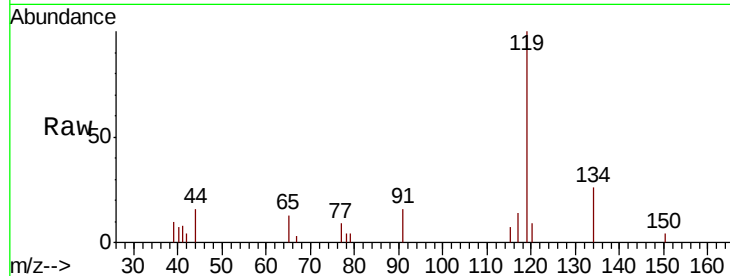




#86
p-Isopropyltoluene
Concen: 0.301 ug/l
RT: 12.23 min Scan# 1860
Delta R.T. 0.16 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 1831
Ion Ratio Lower Upper
119 100
134 27.3 12.6 37.8
91 31.8 12.4 37.4



#90
Hexachloroethane
Concen: 3.264 ug/l
RT: 12.70 min Scan# 1937
Delta R.T. 0.10 min
Lab File: VX013057.D
Acq: 14 Oct 2019 17:16

Tgt Ion:117 Resp: 1350
Ion Ratio Lower Upper
117 100
201 0.0 36.9 110.7#

