

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013724.D
 Acq On : 03 Dec 2019 15:01
 Operator : JC/SP
 Sample : K5984-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 00:35:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	701242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1069184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	961069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	455092	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	386799	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
35) Dibromofluoromethane	5.49	113	315995	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
50) Toluene-d8	8.71	98	1259049	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.14	95	434803	46.82	ug/l	0.00
Spiked Amount			Recovery	=	93.64%	

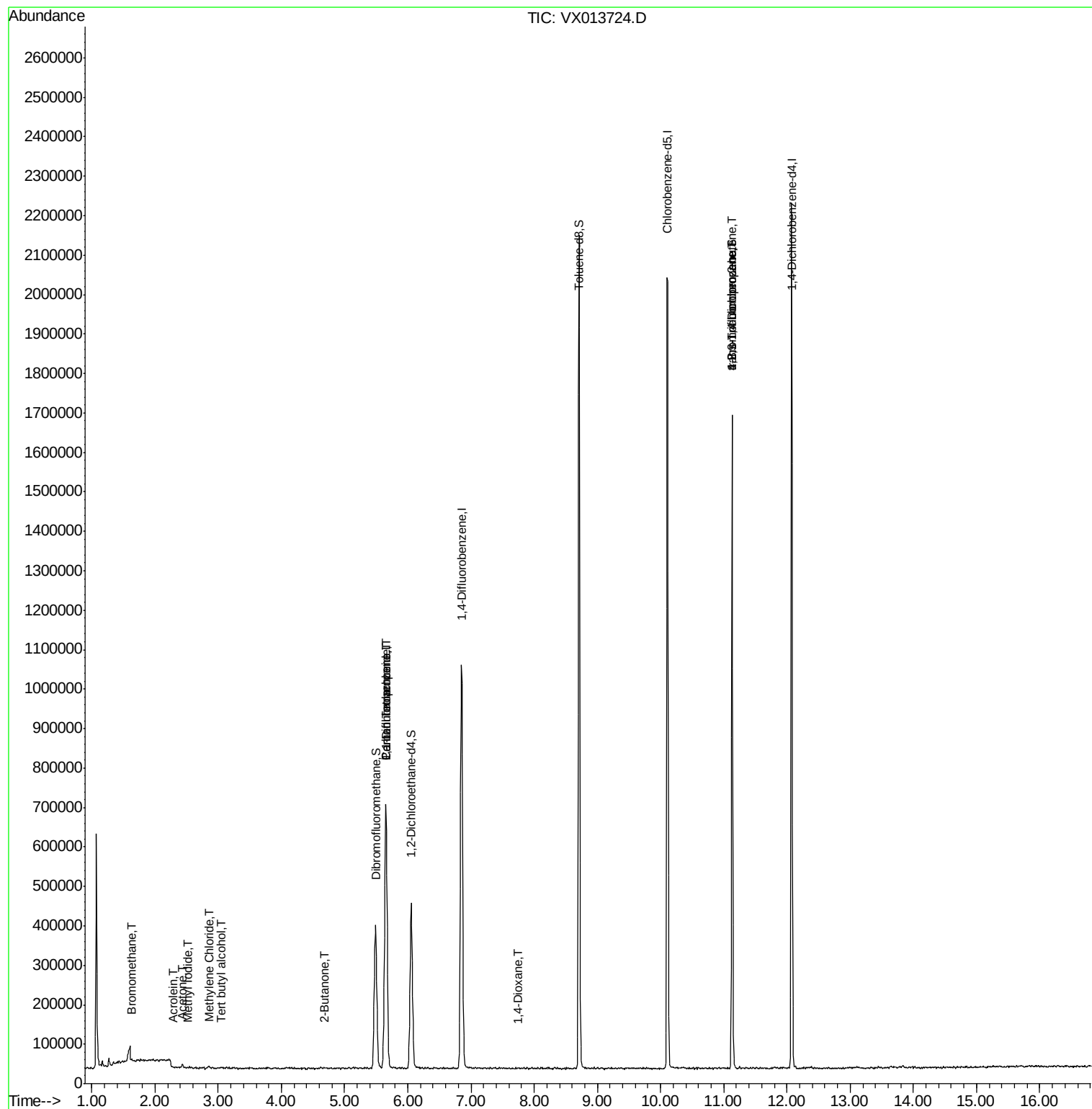
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1494	0.226	ug/l #	78
10) Methyl Iodide	2.52	142	1688	0.209	ug/l #	53
11) Tert butyl alcohol	3.03	59	575	0.286	ug/l #	7
13) Acrolein	2.28	56	285	6.211	ug/l #	15
16) Acetone	2.44	43	10412	2.591	ug/l	93
20) Methylene Chloride	2.85	84	4593	0.595	ug/l #	70
25) 2-Butanone	4.67	43	2496	0.418	ug/l #	58
36) 1,1-Dichloropropene	5.65	75	46549	4.796	ug/l #	52
38) Carbon Tetrachloride	5.65	117	60389	6.748	ug/l #	15
49) 1,4-Dioxane	7.74	88	345	1.770	ug/l #	63
76) 1,2,3-Trichloropropane	11.13	75	213908	20.898	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	213908	57.173	ug/l #	11

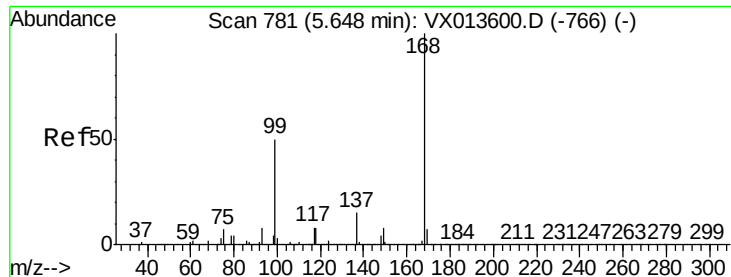
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120319\
Data File : VX013724.D
Acq On : 03 Dec 2019 15:01
Operator : JC/SP
Sample : K5984-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 04 00:35:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013724.D

Acq: 03 Dec 2019 15:01

Instrument :

MSVOA_X

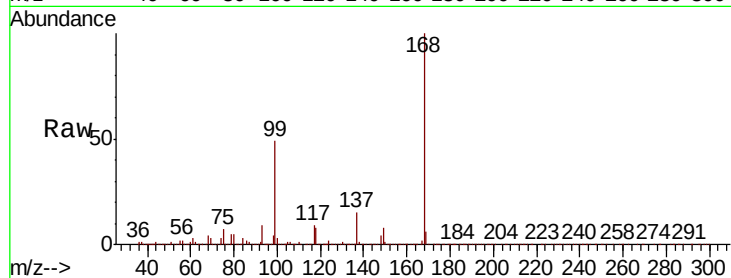
ClientSampled :

Tot Ion:168 Resp: 701242

Ion Ratio Lower Upper

168 100

99 48.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

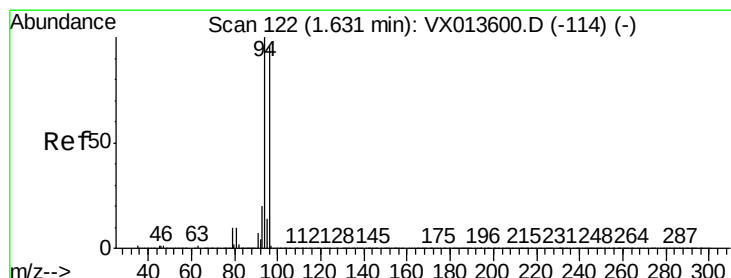
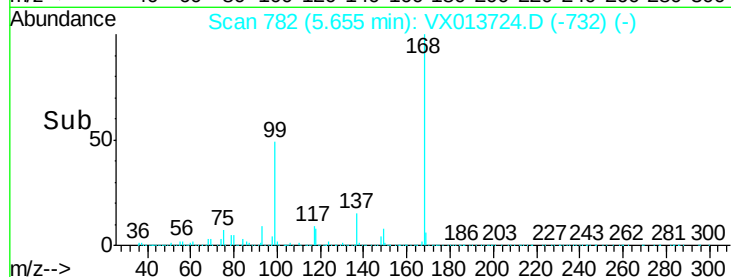
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.226 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013724.D

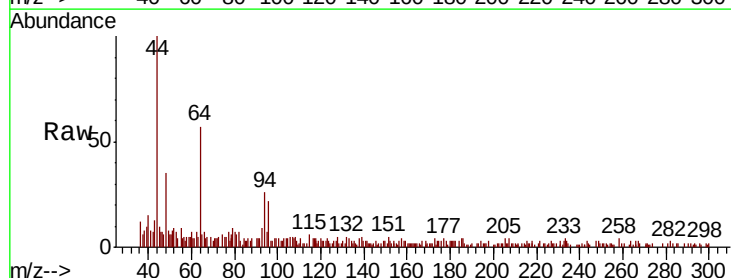
Acq: 03 Dec 2019 15:01

Tgt Ion: 94 Resp: 1494

Ion Ratio Lower Upper

94 100

96 74.4 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

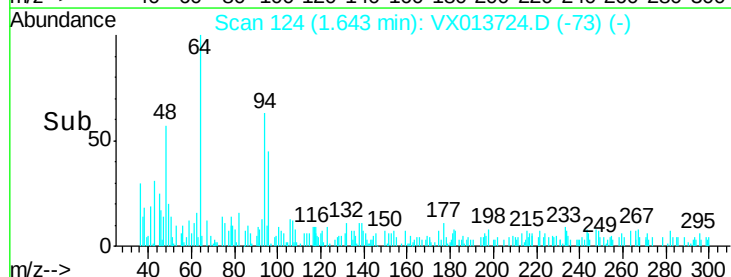
1500

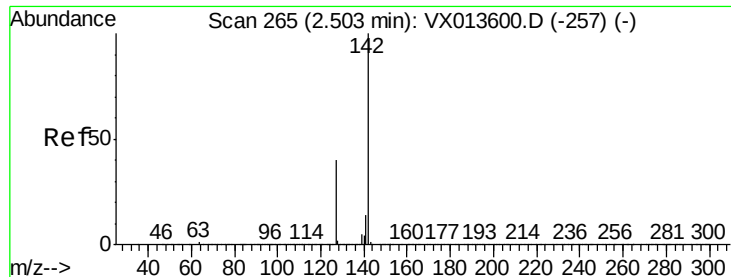
1000

500

0

Time-->





#10

Methyl Iodide

Concen: 0.209 ug/l

RT: 2.52 min Scan# 268

Delta R.T. 0.02 min

Lab File: VX013724.D

Acq: 03 Dec 2019 15:01

Instrument :

MSVOA_X

ClientSampled :

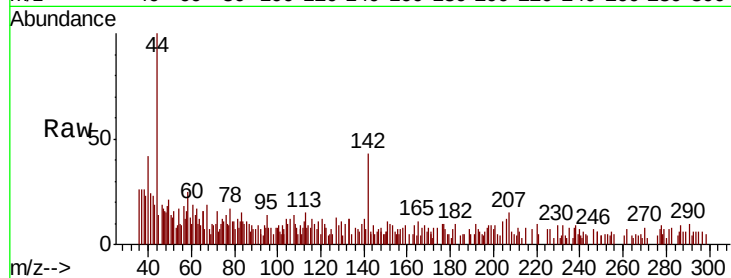
Tot Ion:142 Resp: 1688

Ion Ratio Lower Upper

142 100

127 0.0 31.0 46.4#

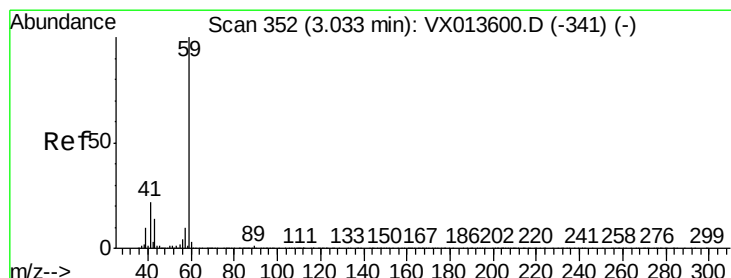
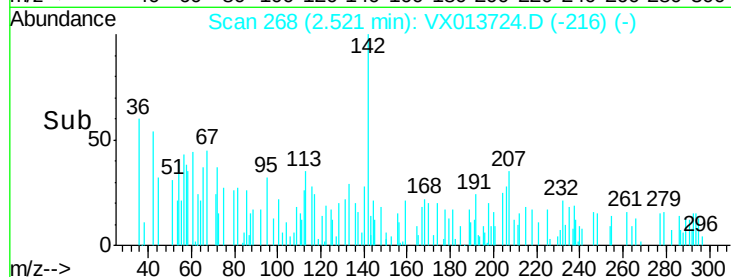
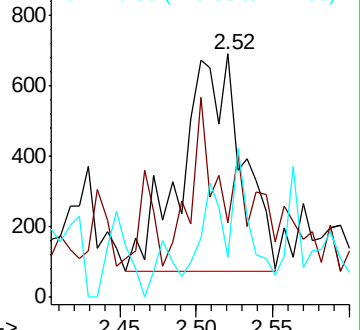
141 14.9 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 0.286 ug/l

RT: 3.03 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX013724.D

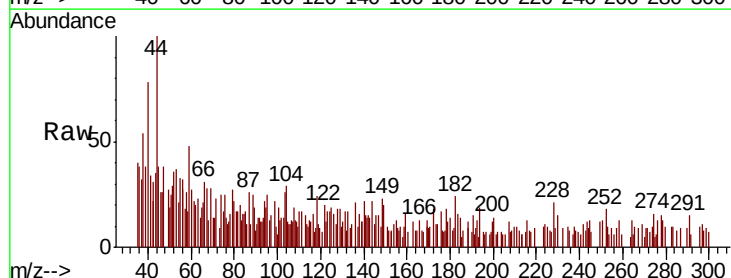
Acq: 03 Dec 2019 15:01

Tgt Ion: 59 Resp: 575

Ion Ratio Lower Upper

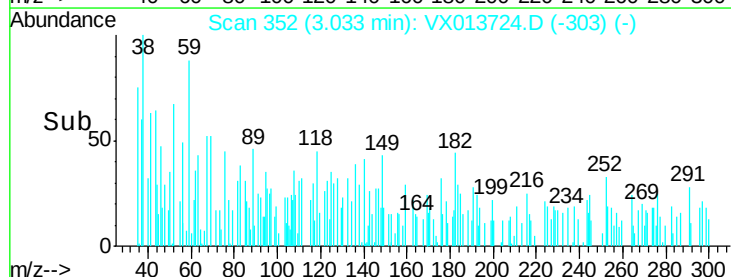
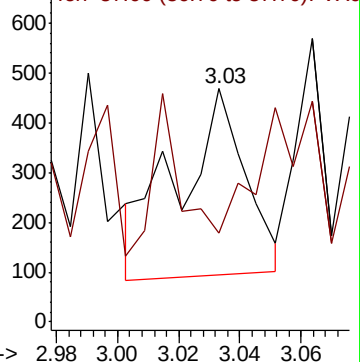
59 100

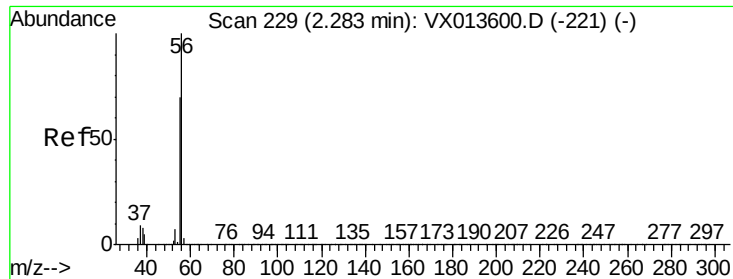
57 44.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 6.211 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013724.D

Acq: 03 Dec 2019 15:01

Instrument :

MSVOA_X

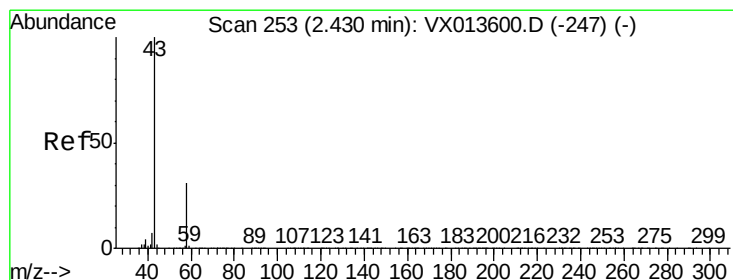
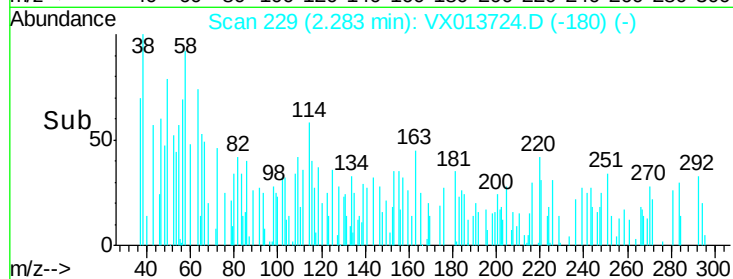
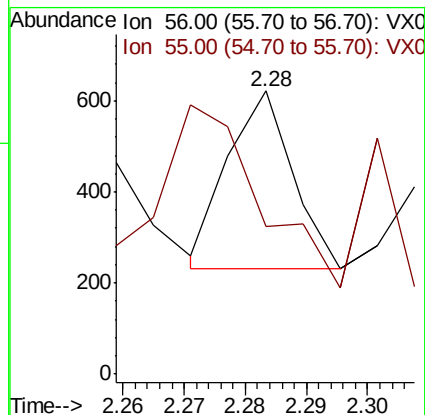
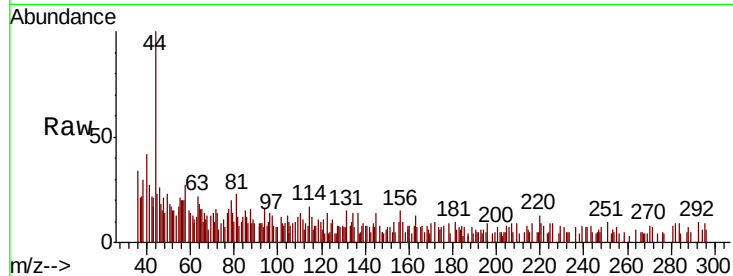
ClientSampleId :

Tot Ion: 56 Resp: 285

Ion Ratio Lower Upper

56 100

55 0.0 56.2 84.4#



#16

Acetone

Concen: 2.591 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013724.D

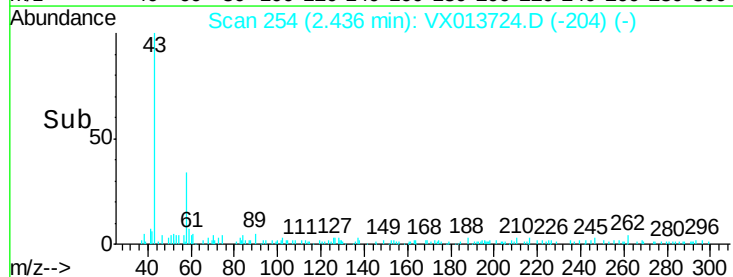
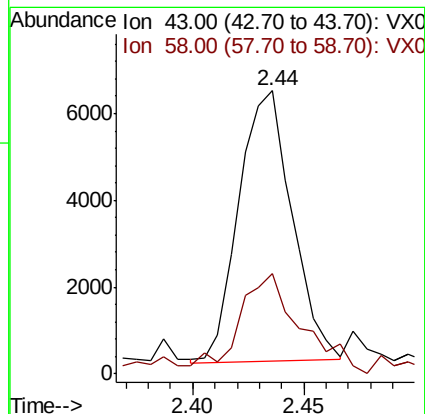
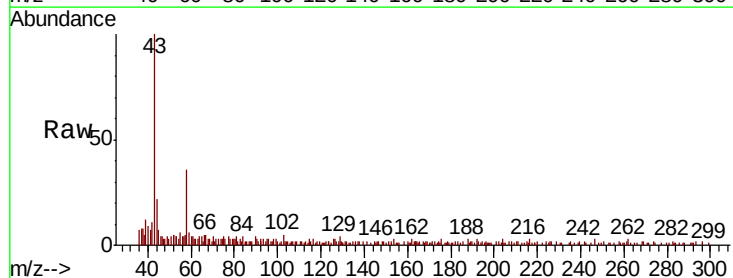
Acq: 03 Dec 2019 15:01

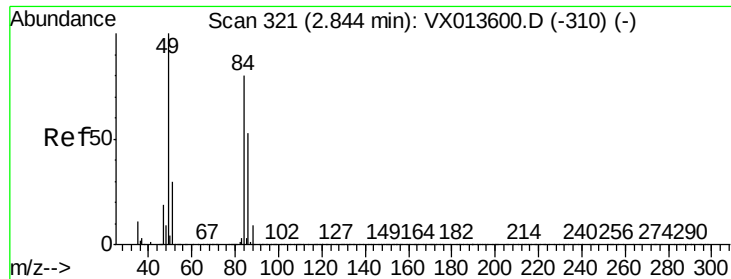
Tgt Ion: 43 Resp: 10412

Ion Ratio Lower Upper

43 100

58 34.6 24.6 36.8

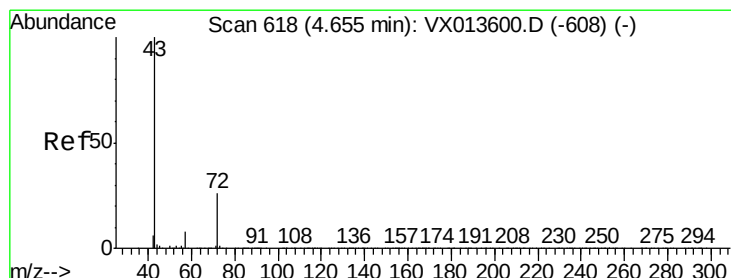
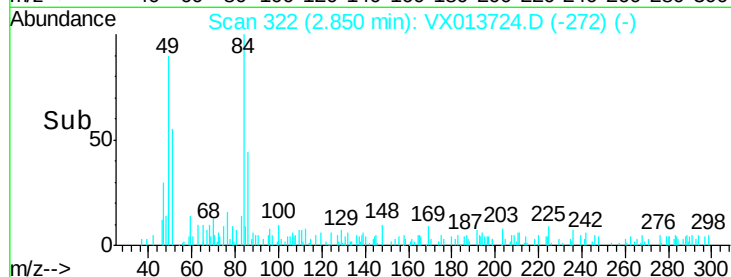
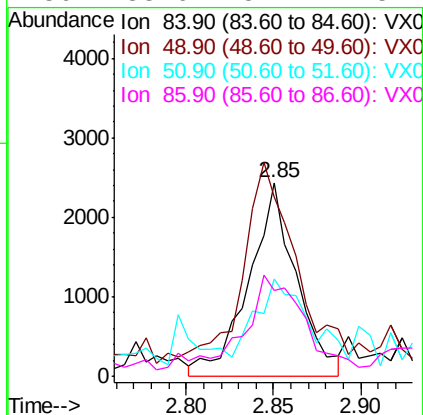
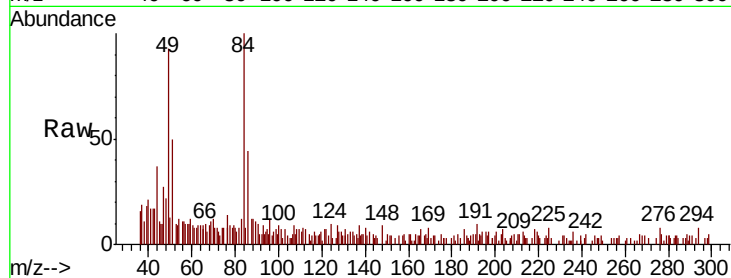




#20
Methylene Chloride
Concen: 0.595 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013724.D
Acq: 03 Dec 2019 15:01

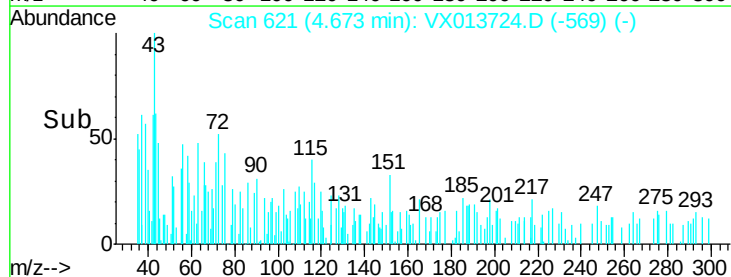
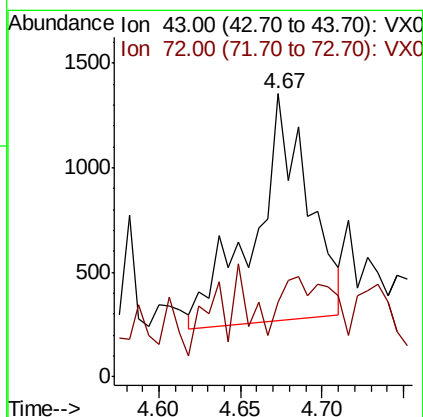
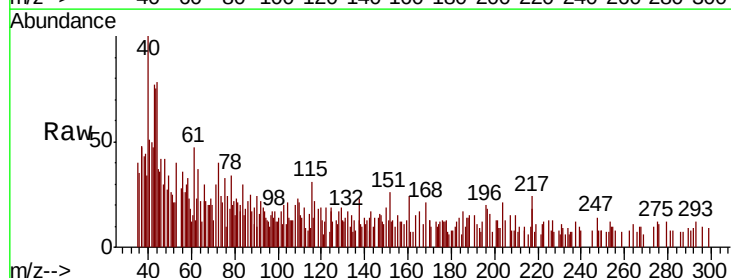
Instrument :
MSVOA_X
ClientSampled :

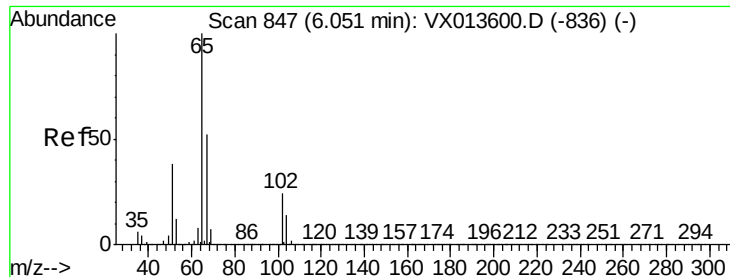
Tot Ion: 84 Resp: 4593
Ion Ratio Lower Upper
84 100
49 84.0 99.7 149.5#
51 33.1 29.9 44.9
86 38.6 52.2 78.4#



#25
2-Butanone
Concen: 0.418 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX013724.D
Acq: 03 Dec 2019 15:01

Tgt Ion: 43 Resp: 2496
Ion Ratio Lower Upper
43 100
72 4.3 20.6 31.0#

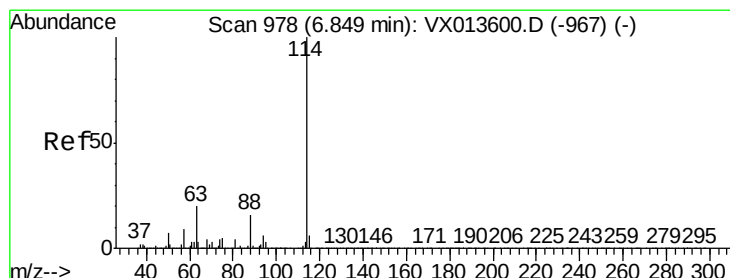
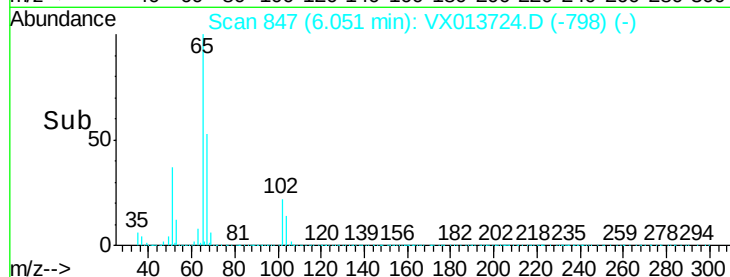
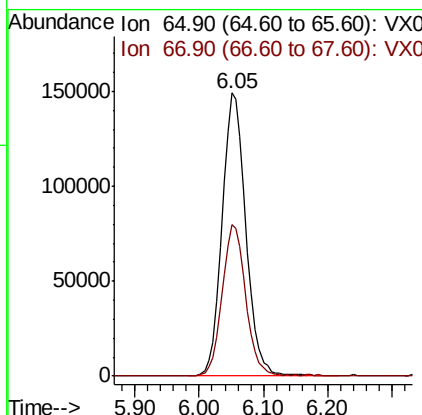
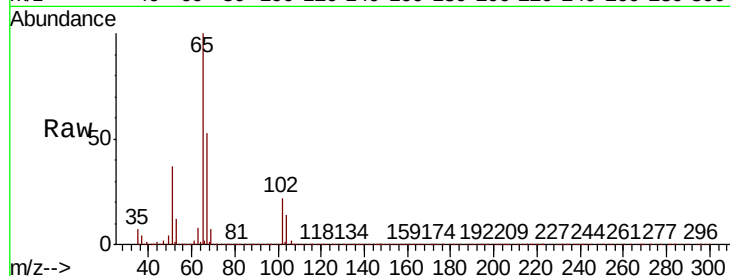




#33
 1,2-Dichloroethane-d4
 Concen: 47.519 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013724.D
 Acq: 03 Dec 2019 15:01

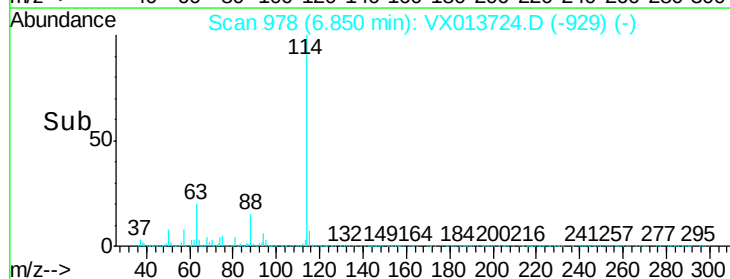
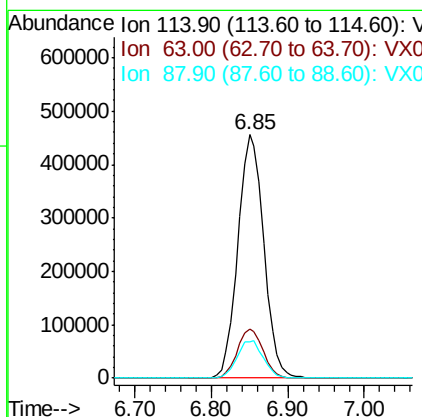
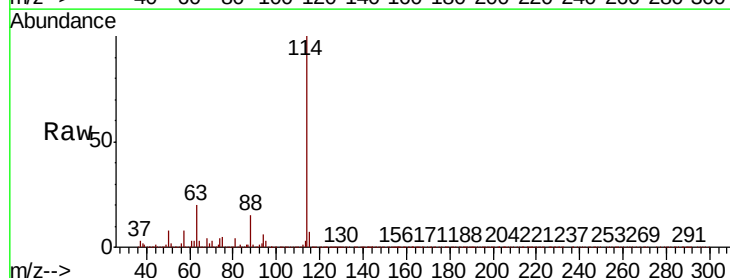
Instrument :
 MSVOA_X
 ClientSampleId :

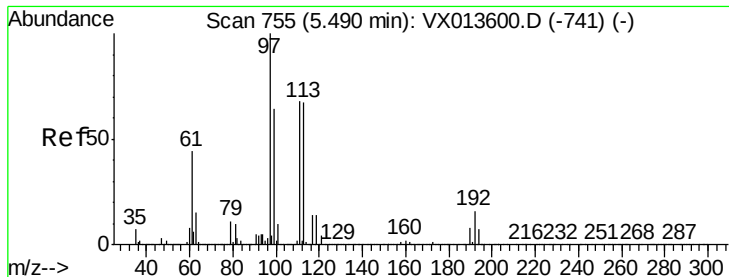
Tot Ion: 65 Resp: 386799
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013724.D
 Acq: 03 Dec 2019 15:01

Tgt Ion: 114 Resp: 1069184
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.807 ug/l

RT: 5.49 min Scan# 755

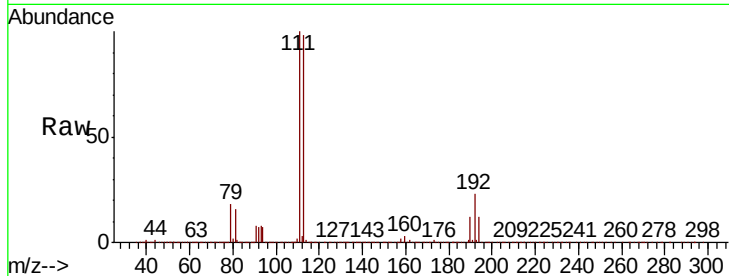
Delta R.T. 0.00 min

Lab File: VX013724.D

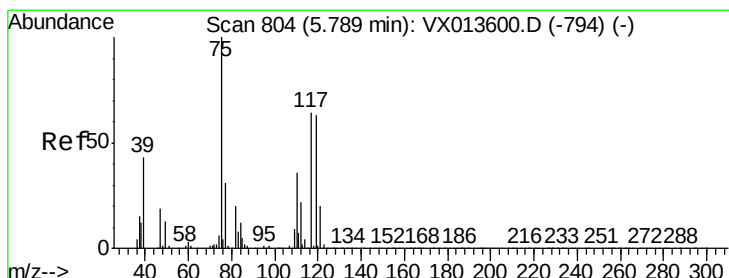
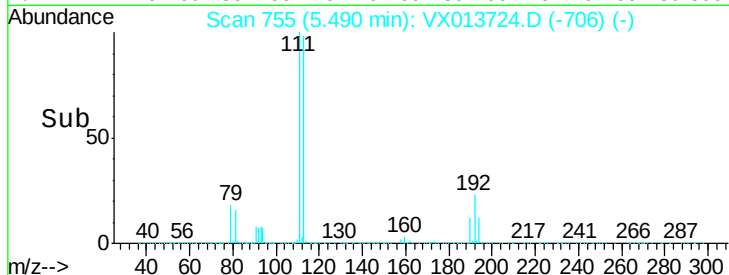
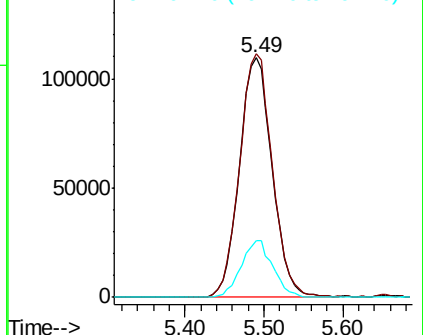
Acq: 03 Dec 2019 15:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	113	Resp:	315995
Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.6	125.4
192	23.2	19.2	28.8



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: 4.796 ug/l

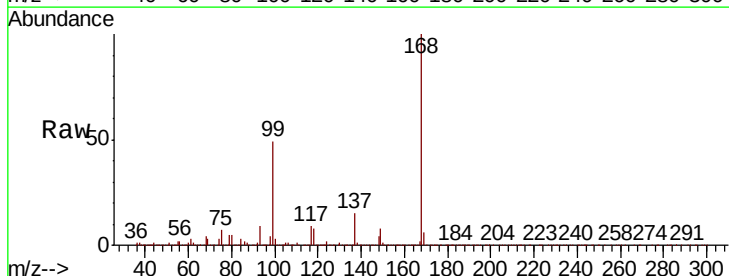
RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

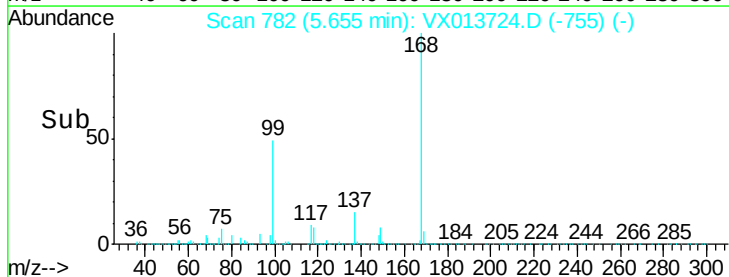
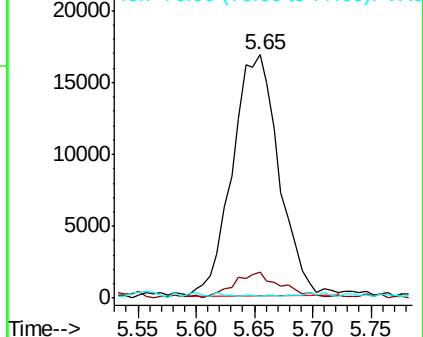
Lab File: VX013724.D

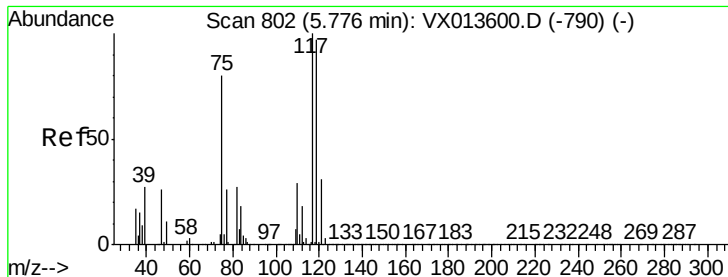
Acq: 03 Dec 2019 15:01

Tgt Ion:	75	Resp:	46549
Ion	Ratio	Lower	Upper
75	100		
110	11.3	18.1	54.1#
77	0.2	24.5	36.7#



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





#38

Carbon Tetrachloride

Concen: 6.748 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX013724.D

Acq: 03 Dec 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

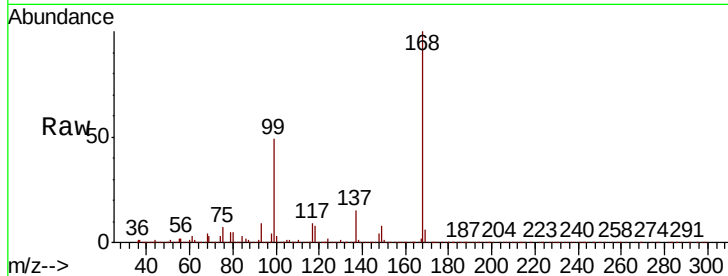
Tot Ion:117 Resp: 60389

Ion Ratio Lower Upper

117 100

119 3.6 77.5 116.3#

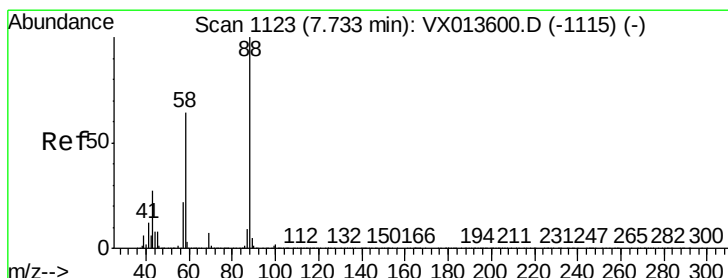
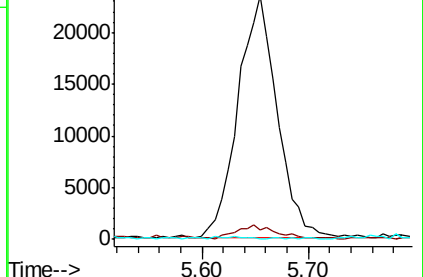
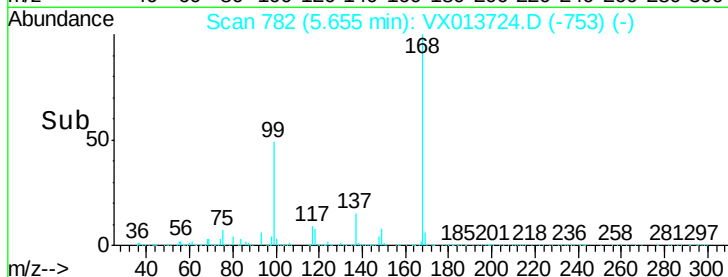
121 0.3 25.0 37.6#



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



#49

1,4-Dioxane

Concen: 1.770 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX013724.D

Acq: 03 Dec 2019 15:01

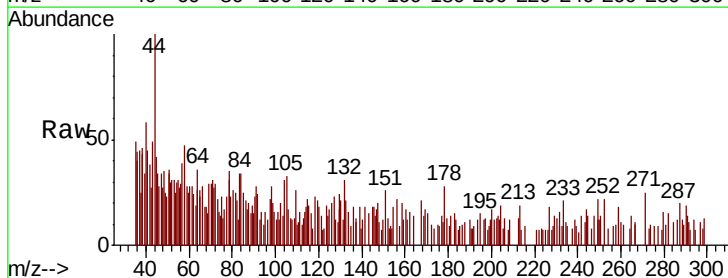
Tgt Ion: 88 Resp: 345

Ion Ratio Lower Upper

88 100

43 0.0 25.8 38.6#

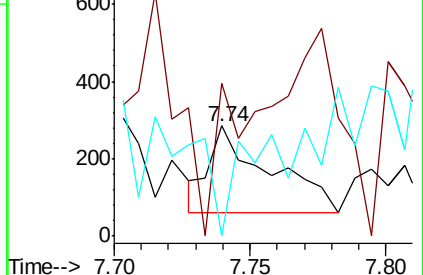
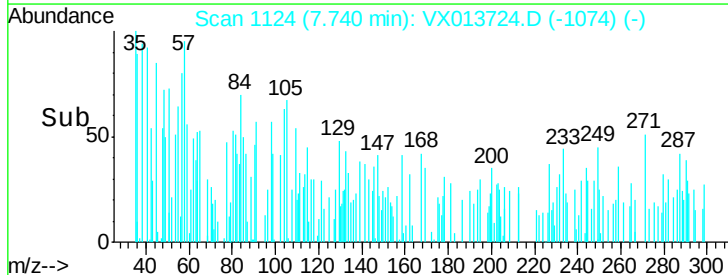
58 90.1 54.6 82.0#

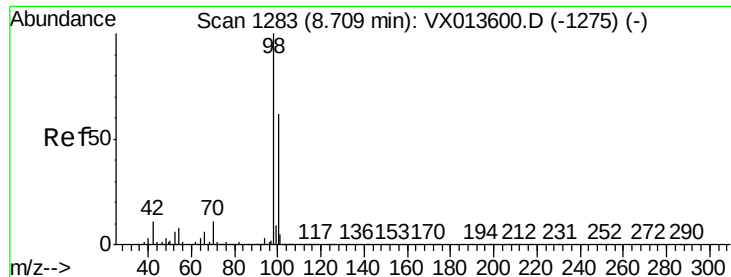


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

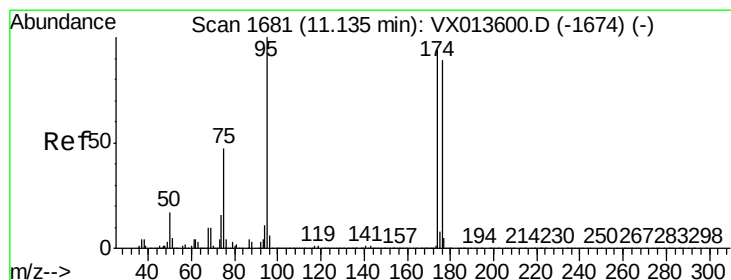
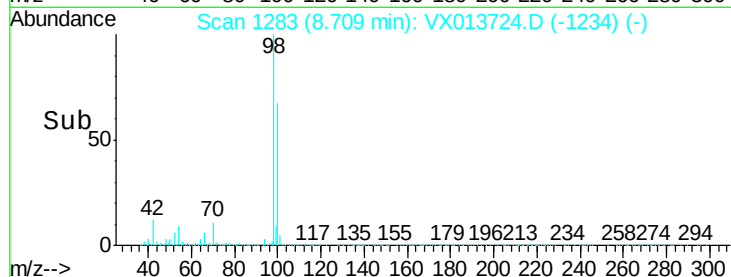
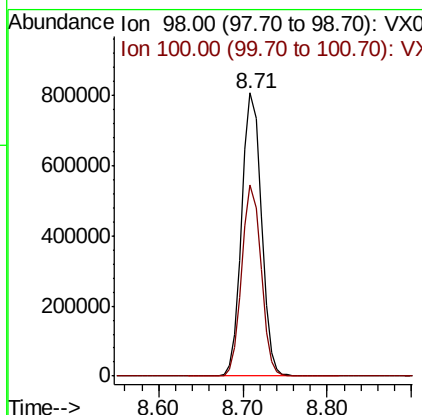
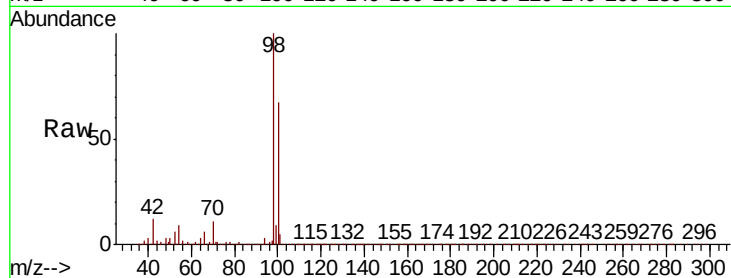




#50
Toluene-d8
Concen: 48.890 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013724.D
Acq: 03 Dec 2019 15:01

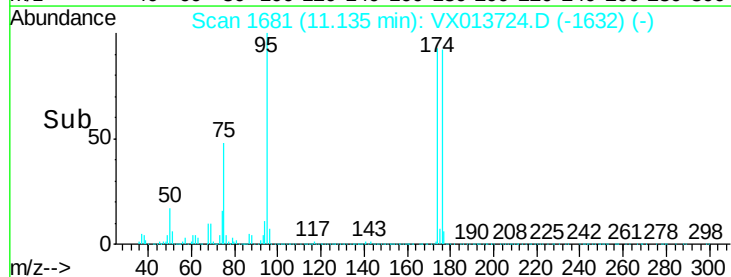
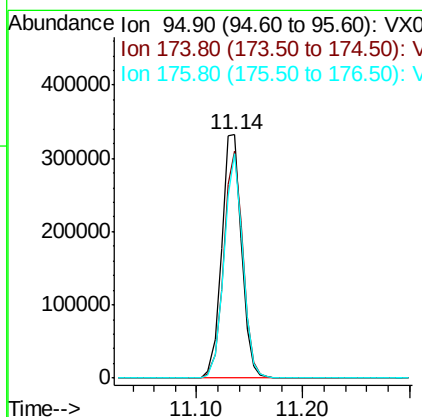
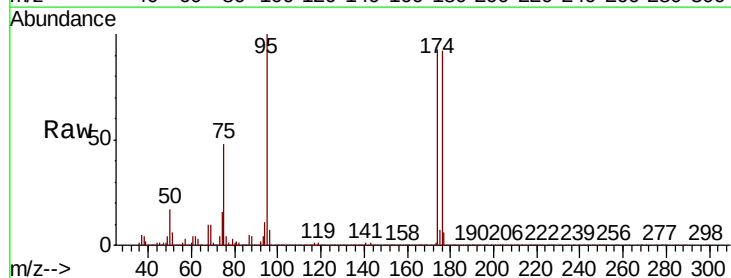
Instrument :
MSVOA_X
ClientSampleId :

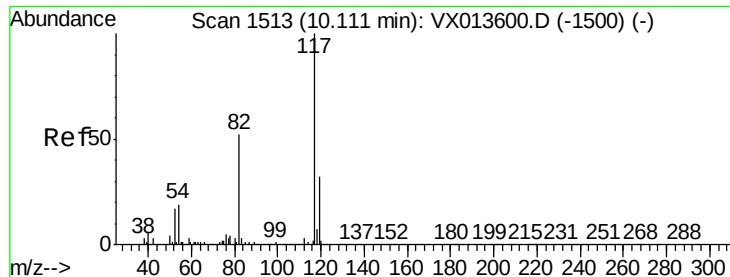
Tot Ion: 98 Resp: 1259049
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.821 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013724.D
Acq: 03 Dec 2019 15:01

Tgt Ion: 95 Resp: 434803
Ion Ratio Lower Upper
95 100
174 89.8 0.0 180.0
176 87.0 0.0 173.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013724.D

Acq: 03 Dec 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

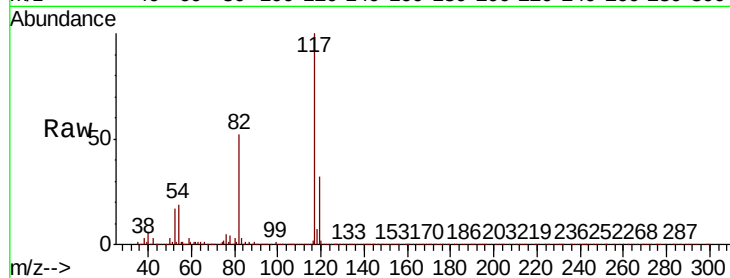
Tot Ion:117 Resp: 961069

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.8

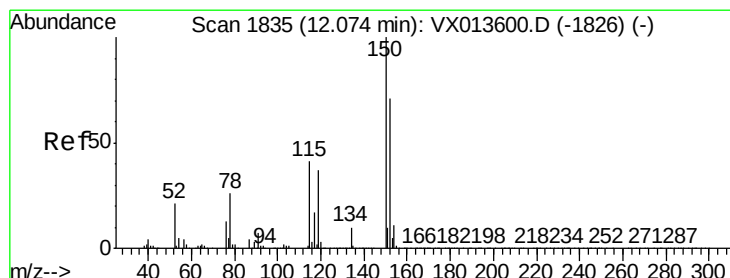
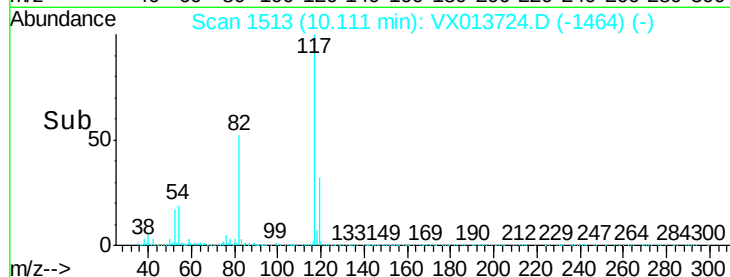
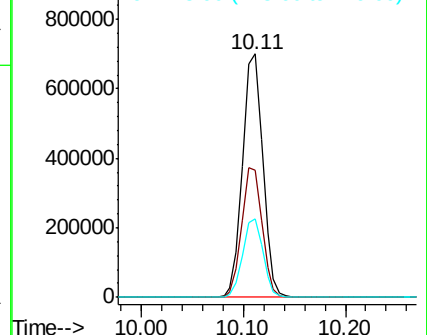
119 32.1 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013724.D

Acq: 03 Dec 2019 15:01

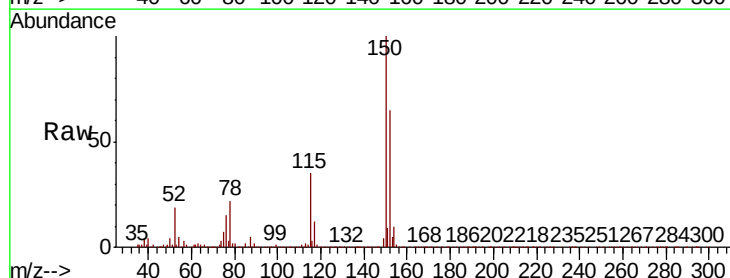
Tgt Ion:152 Resp: 455092

Ion Ratio Lower Upper

152 100

115 55.5 38.4 115.1

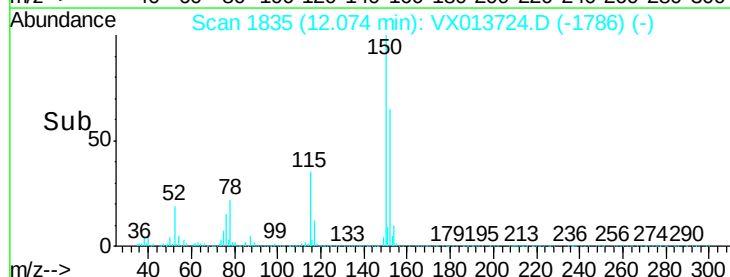
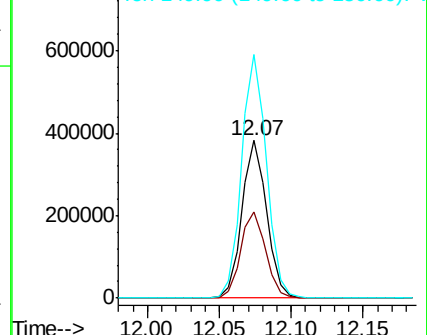
150 156.2 0.0 346.8

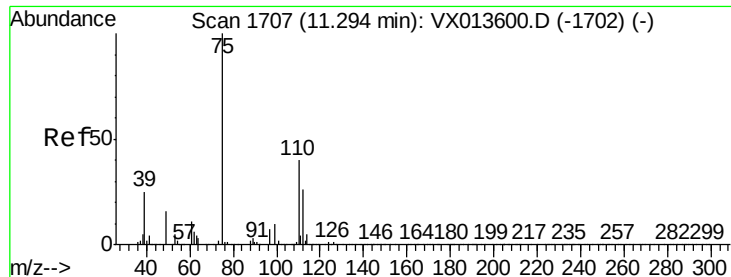


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 20.898 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013724.D

Acq: 03 Dec 2019 15:01

Instrument :

MSVOA_X

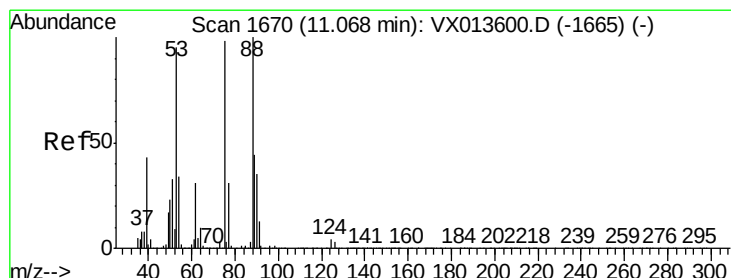
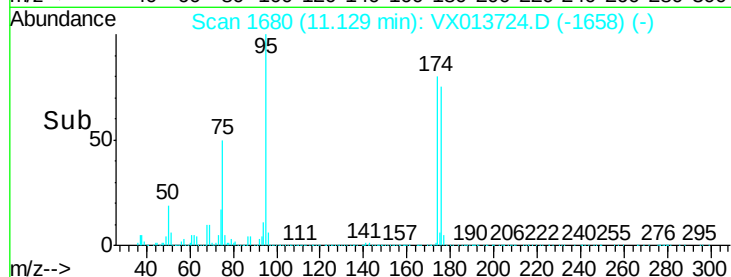
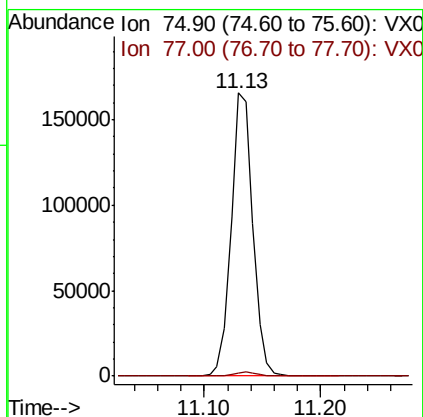
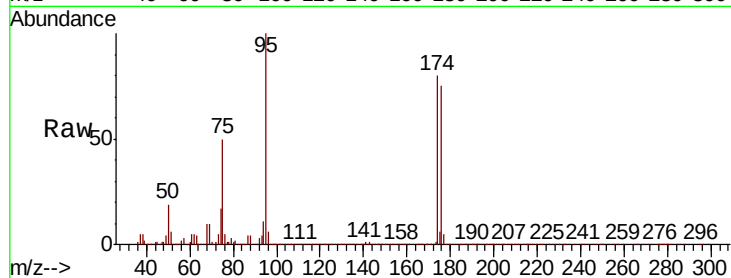
ClientSampleId :

Tot Ion: 75 Resp: 213908

Ion Ratio Lower Upper

75 100

77 1.8 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.173 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013724.D

Acq: 03 Dec 2019 15:01

Tgt Ion: 75 Resp: 213908

Ion Ratio Lower Upper

75 100

53 0.5 78.2 117.2#

89 0.0 35.4 53.2#

