

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013726.D
 Acq On : 03 Dec 2019 15:48
 Operator : JC/SP
 Sample : K6027-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 00:36:19 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	687623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1062251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	967941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	478768	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	372099	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
35) Dibromofluoromethane	5.49	113	316470	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	8.71	98	1262220	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.14	95	465559	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	15944	1.857	ug/l #	66
5) Bromomethane	1.64	94	1815	0.280	ug/l	87
11) Tert butyl alcohol	3.03	59	1543	0.783	ug/l #	1
13) Acrolein	2.30	56	410	6.307	ug/l #	15
16) Acetone	2.43	43	4560	1.157	ug/l #	87
17) Carbon Disulfide	2.57	76	5525	0.296	ug/l #	82
20) Methylene Chloride	2.84	84	2583	0.341	ug/l #	93
31) Cyclohexane	5.61	56	67759	5.747	ug/l #	47
36) 1,1-Dichloropropene	5.65	75	47000	4.874	ug/l #	51
38) Carbon Tetrachloride	5.65	117	59652	6.709	ug/l #	15
39) Methylcyclohexane	7.46	83	149915	12.578	ug/l	93
43) Isopropyl Acetate	6.44	43	11253	0.632	ug/l #	68
48) Methyl methacrylate	7.73	41	34807	4.023	ug/l #	49
49) 1,4-Dioxane	7.73	88	497	2.566	ug/l #	1
52) Toluene	8.78	92	12045	0.660	ug/l	96
55) 1,1,2-Trichloroethane	9.16	97	7202	0.980	ug/l #	20
56) Ethyl methacrylate	9.16	69	2912	0.246	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.57	63	1309	0.282	ug/l	98
67) Ethyl Benzene	10.25	91	739859	21.424	ug/l	100
68) m/p-Xylenes	10.35	106	40481	3.062	ug/l	100
69) o-Xylene	10.70	106	105672	8.195	ug/l	98
70) Styrene	10.71	104	29306	1.351	ug/l #	54
73) Isopropylbenzene	11.01	105	2956241	88.026	ug/l	100
76) 1,2,3-Trichloropropane	11.35	75	18233	1.693	ug/l #	1
78) n-propylbenzene	11.35	91	3073477	81.982	ug/l	100
79) 2-Chlorotoluene	11.45	91	258584	11.498	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.50	105	966330	35.107	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.01	75	32238	8.190	ug/l #	60
82) 4-Chlorotoluene	11.50	91	105469	4.049	ug/l #	43
83) tert-Butylbenzene	11.81	119	2326435	83.166	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.80	105	13299762	476.095	ug/l	76
85) sec-Butylbenzene	11.80	105	13298635	416.210	ug/l #	55
86) p-Isopropyltoluene	12.02	119	451781	15.199	ug/l	97
89) n-Butylbenzene	12.37	91	429413	16.938	ug/l #	2

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
Data File : VX013726.D
Acq On : 03 Dec 2019 15:48
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 04 00:36:19 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

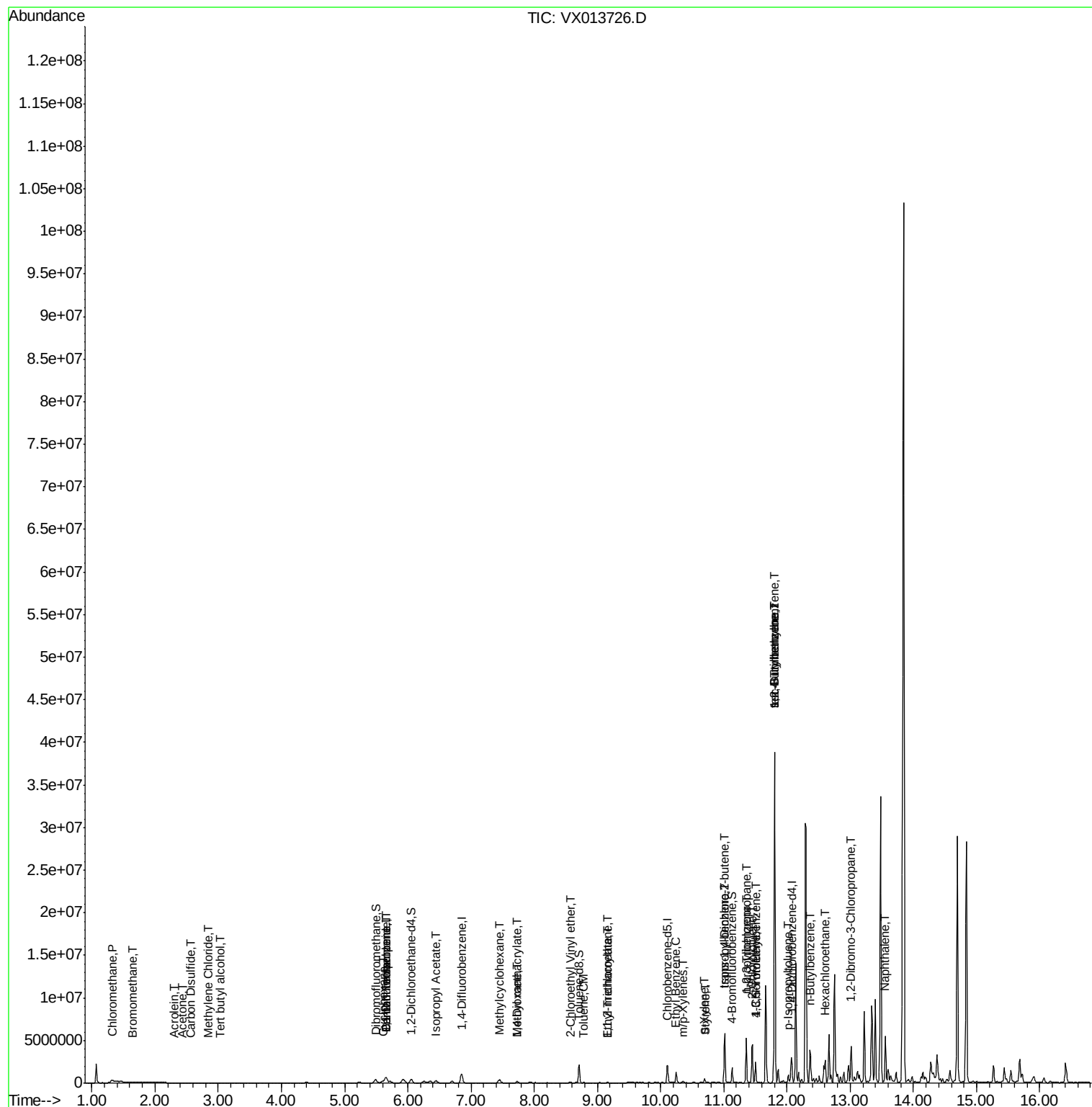
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.60	117	332671	61.918	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	15404	6.074	ug/l #	1
95) Naphthalene	13.56	128	651069	20.075	ug/l #	1

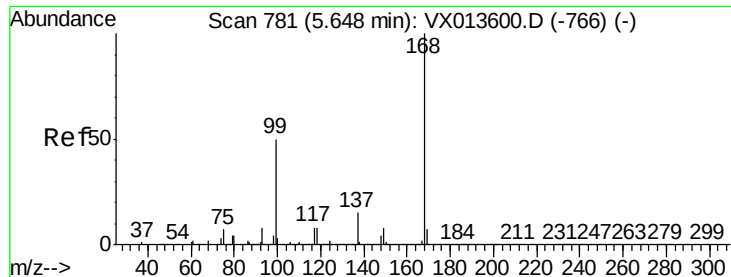
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120319\
Data File : VX013726.D
Acq On : 03 Dec 2019 15:48
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 04 00:36:19 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: VX013726.D

Acq: 03 Dec 2019 15:48

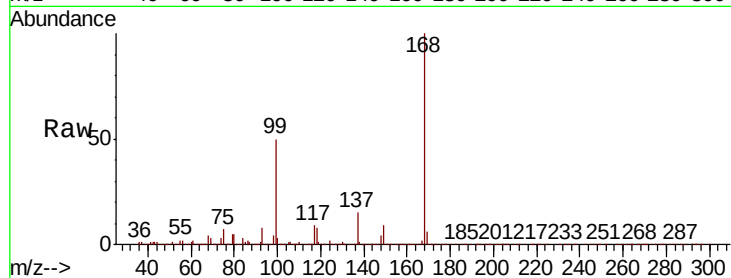
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 687623

Ion Ratio Lower Upper

168 100

99 50.0 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

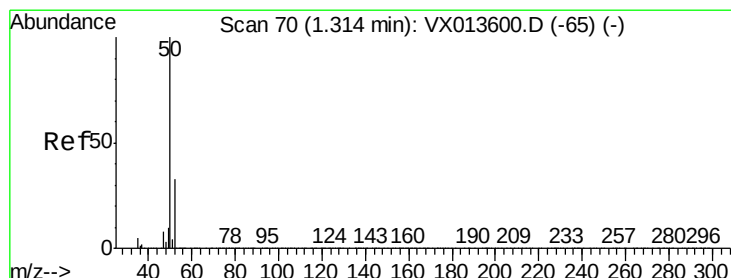
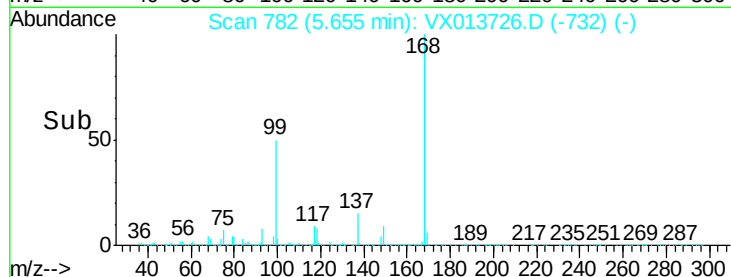
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.857 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013726.D

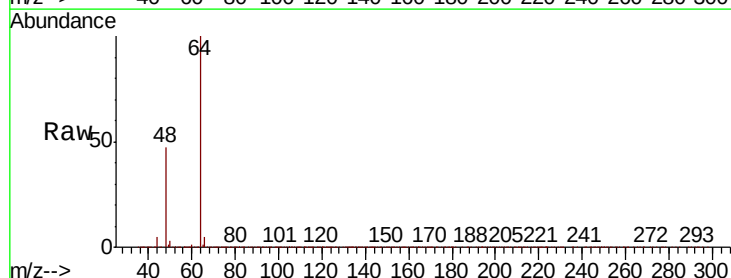
Acq: 03 Dec 2019 15:48

Tgt Ion: 50 Resp: 15944

Ion Ratio Lower Upper

50 100

52 13.3 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

6000

5000

4000

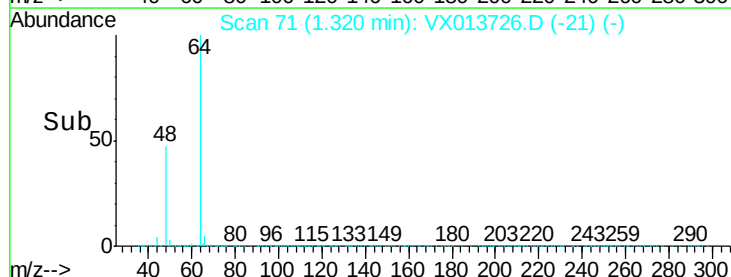
3000

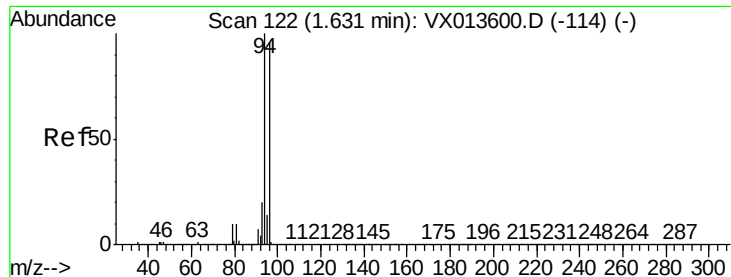
2000

1000

0

Time-->





#5

Bromomethane

Concen: 0.280 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

Instrument :

MSVOA_X

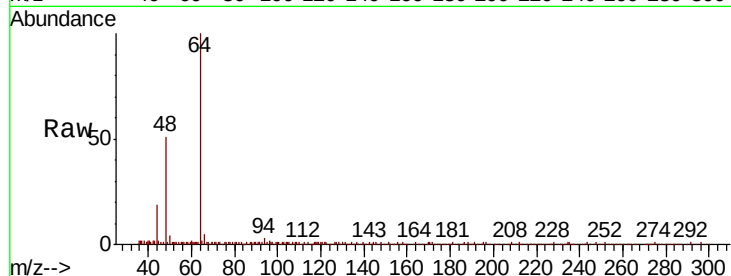
ClientSampleId :

Tot Ion: 94 Resp: 1815

Ion Ratio Lower Upper

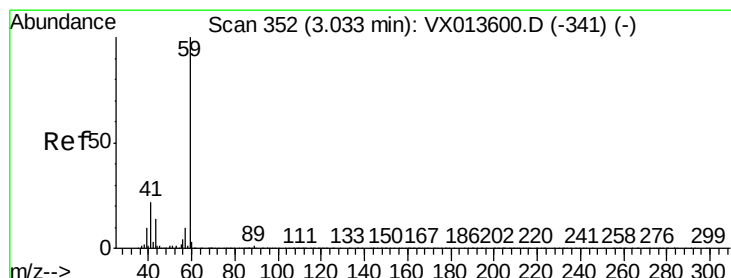
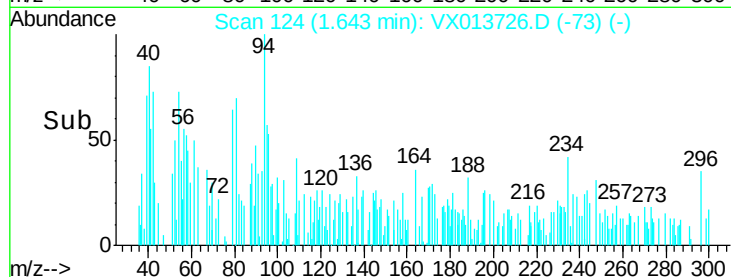
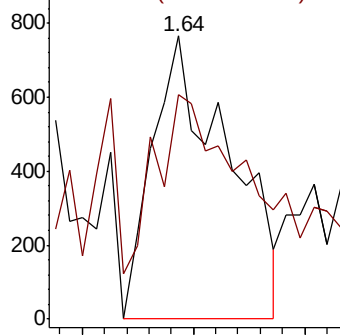
94 100

96 83.9 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#11

Tert butyl alcohol

Concen: 0.783 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX013726.D

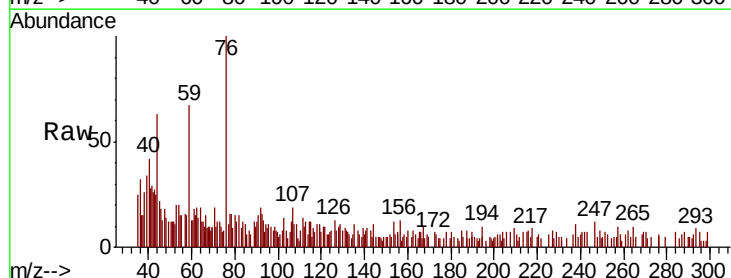
Acq: 03 Dec 2019 15:48

Tgt Ion: 59 Resp: 1543

Ion Ratio Lower Upper

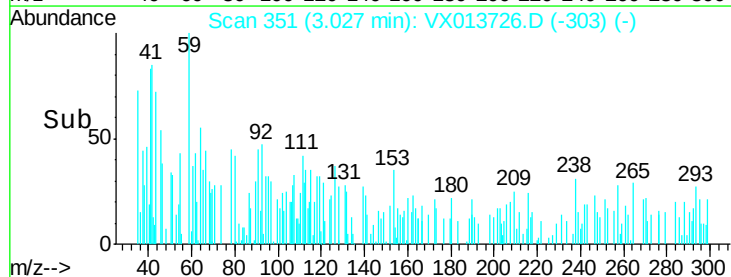
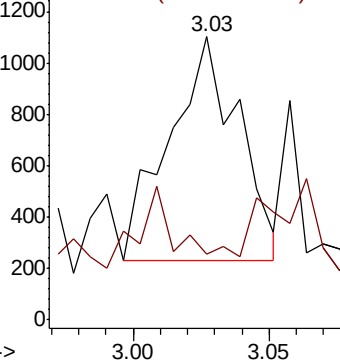
59 100

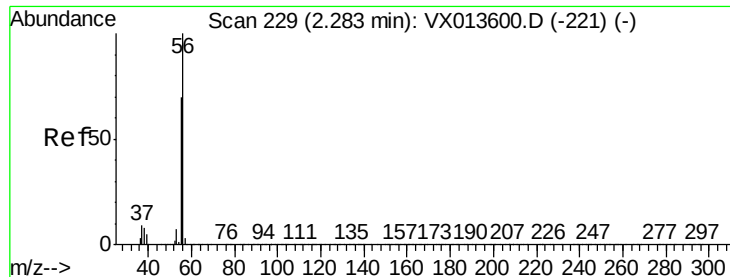
57 46.6 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 6.307 ug/l

RT: 2.30 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

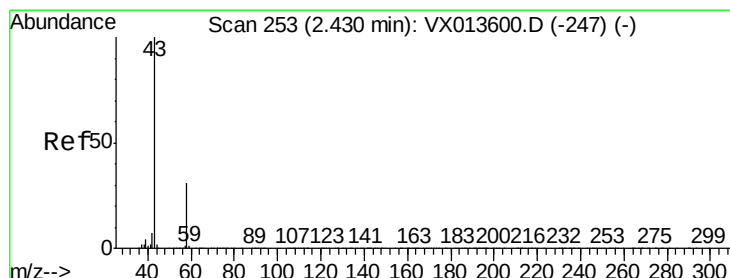
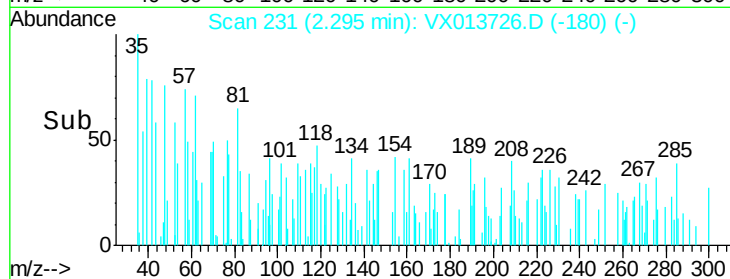
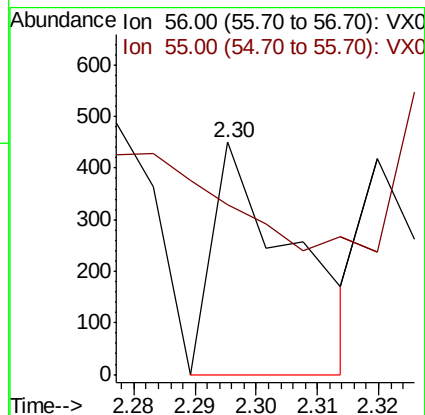
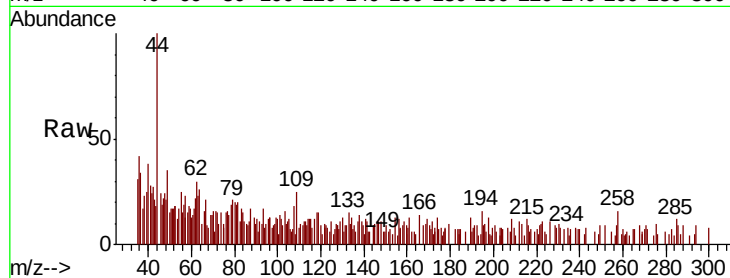
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 410

Ion Ratio Lower Upper

56 100

55 0.0 56.2 84.4#



#16

Acetone

Concen: 1.157 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013726.D

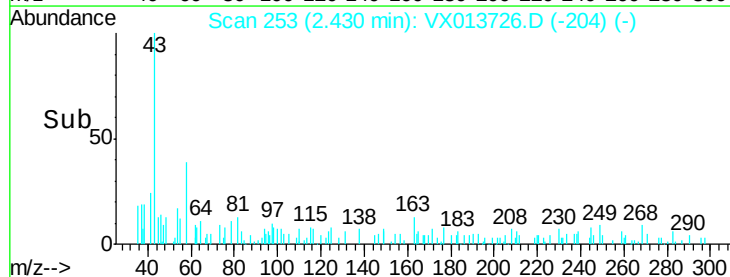
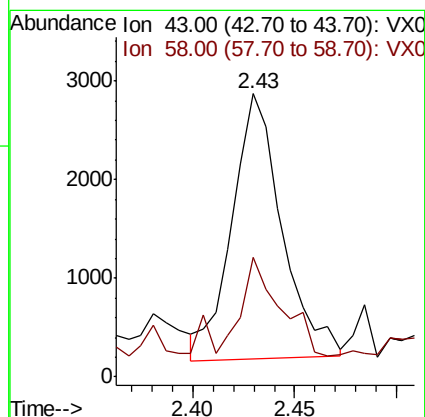
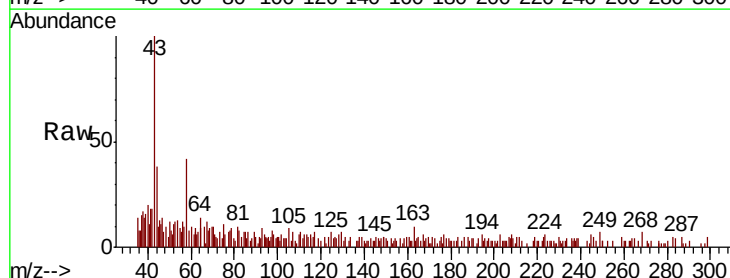
Acq: 03 Dec 2019 15:48

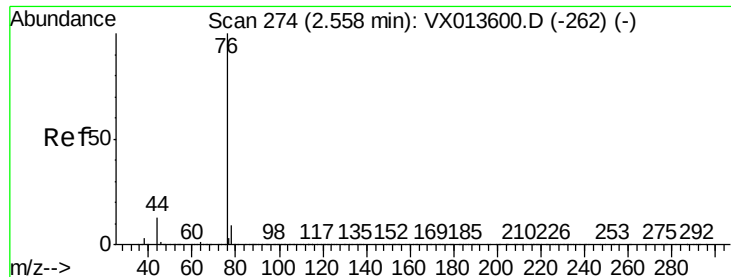
Tgt Ion: 43 Resp: 4560

Ion Ratio Lower Upper

43 100

58 38.1 24.6 36.8#

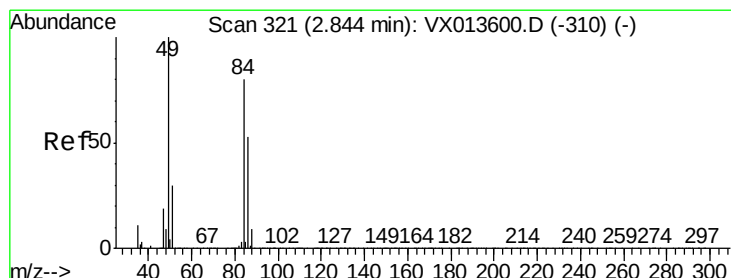
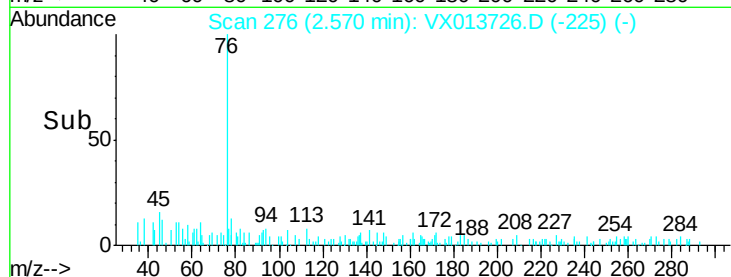
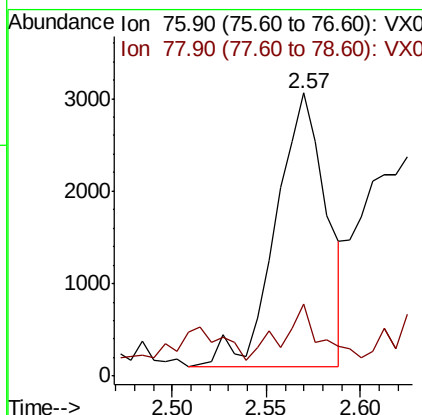
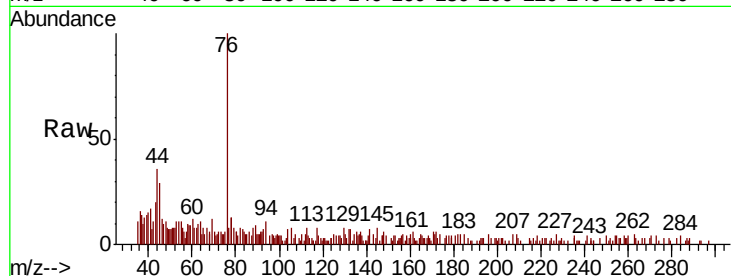




#17
Carbon Disulfide
Concen: 0.296 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

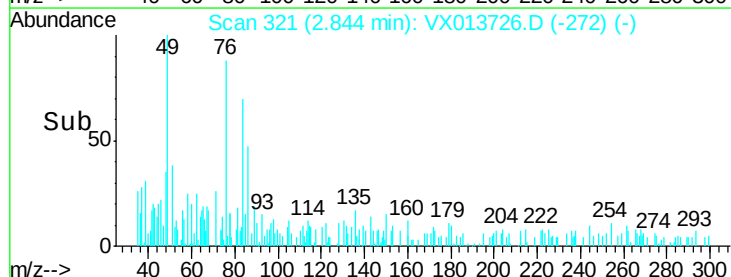
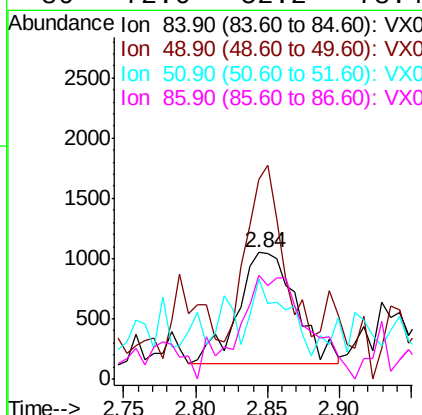
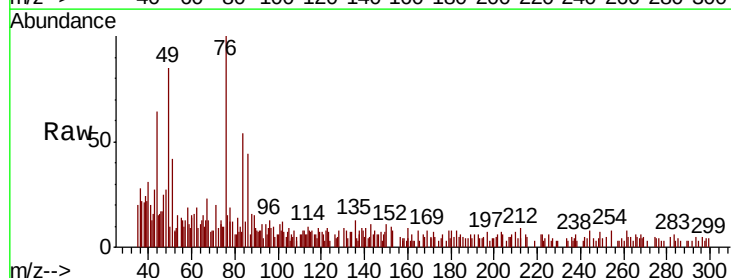
Instrument :
MSVOA_X
ClientSampleId :

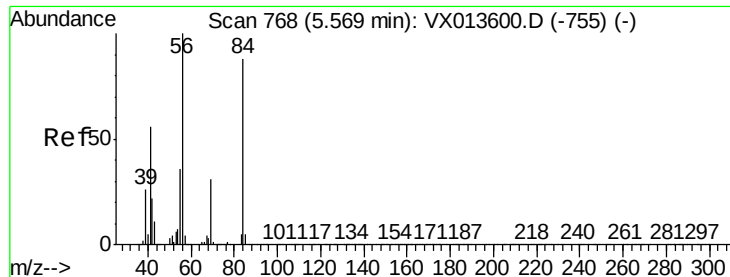
Tot Ion: 76 Resp: 5525
Ion Ratio Lower Upper
76 100
78 15.6 7.2 10.8#



#20
Methylene Chloride
Concen: 0.341 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

Tgt Ion: 84 Resp: 2583
Ion Ratio Lower Upper
84 100
49 121.8 99.7 149.5
51 47.5 29.9 44.9#
86 72.6 52.2 78.4

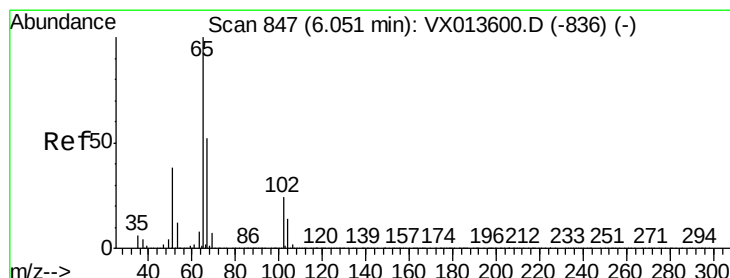
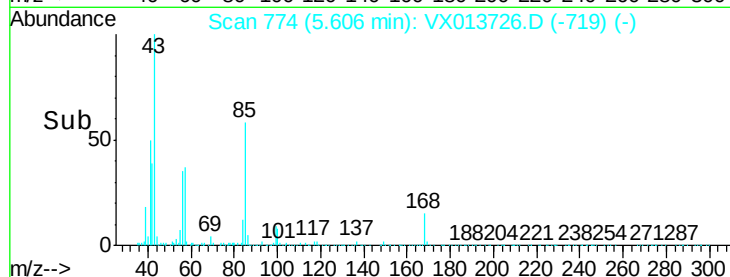
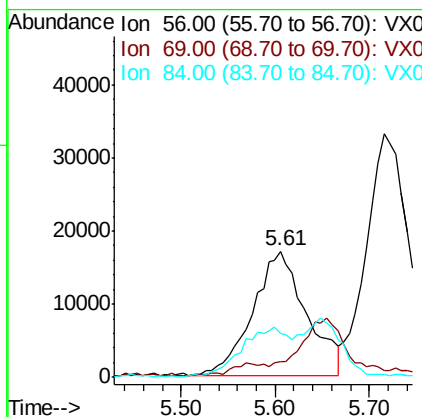
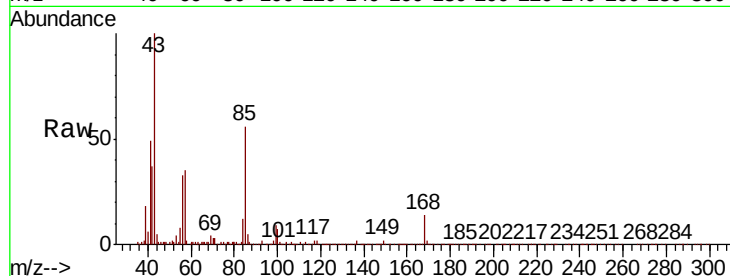




#31
Cyclohexane
Concen: 5.747 ug/l
RT: 5.61 min Scan# 774
Delta R.T. 0.04 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

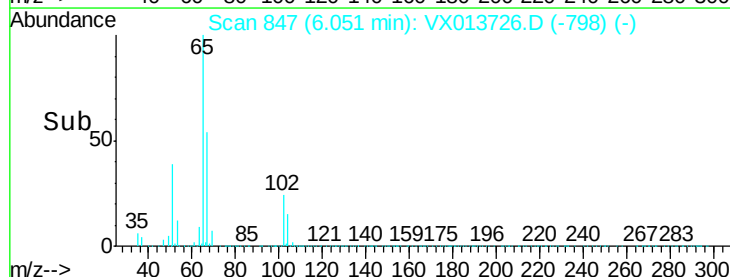
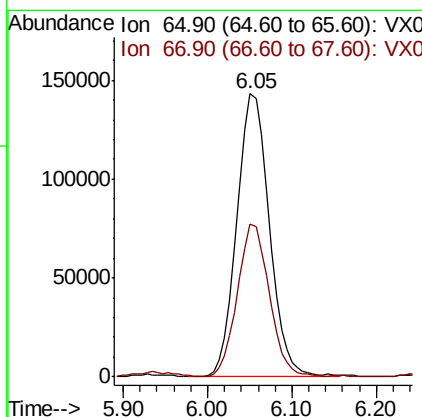
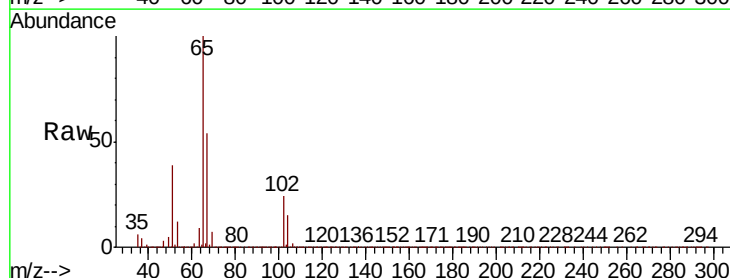
Instrument :
MSVOA_X
ClientSampleId :

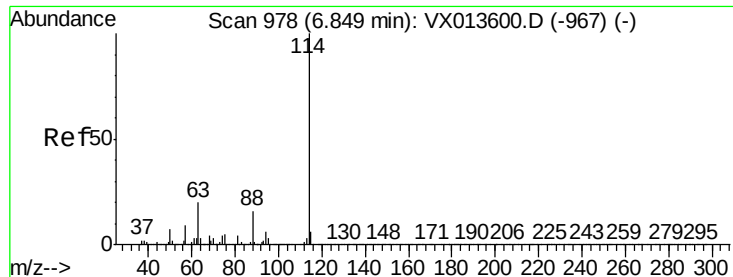
Tot Ion: 56 Resp: 67759
Ion Ratio Lower Upper
56 100
69 10.7 24.6 36.8#
84 33.5 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 46.619 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

Tgt Ion: 65 Resp: 372099
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.4

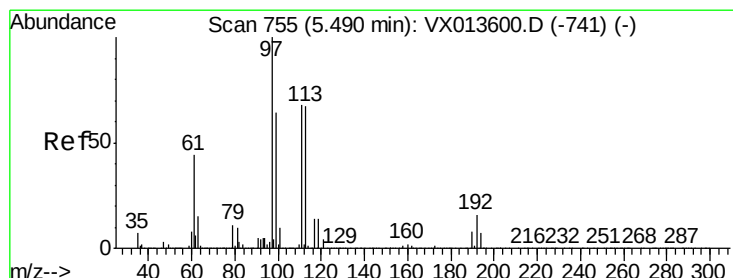
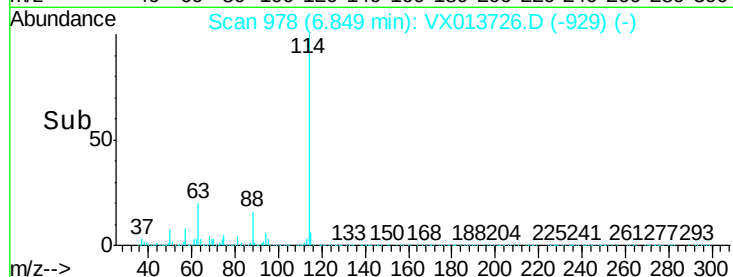
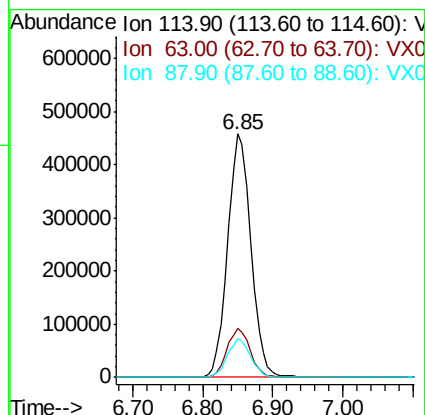
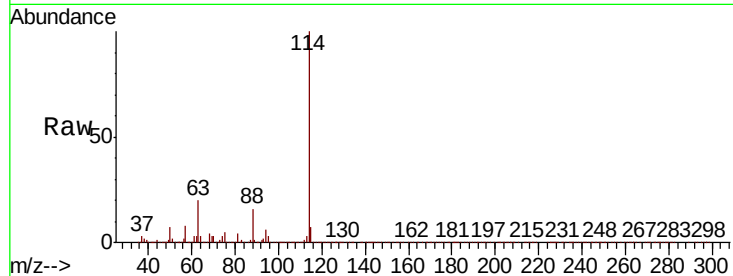




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

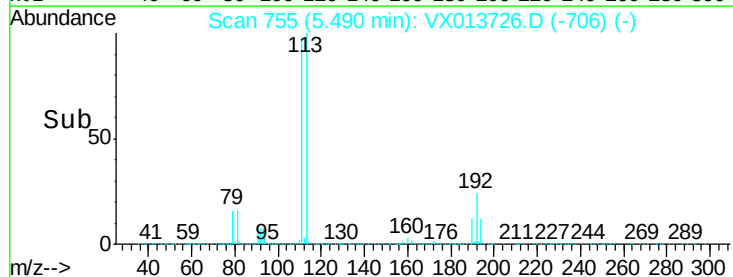
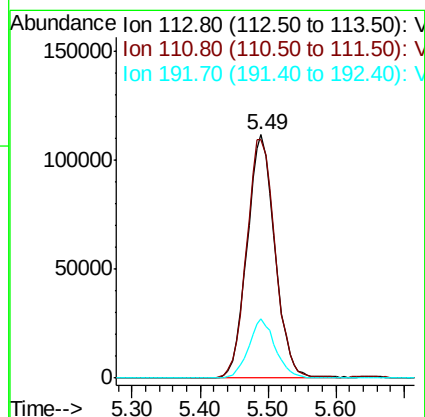
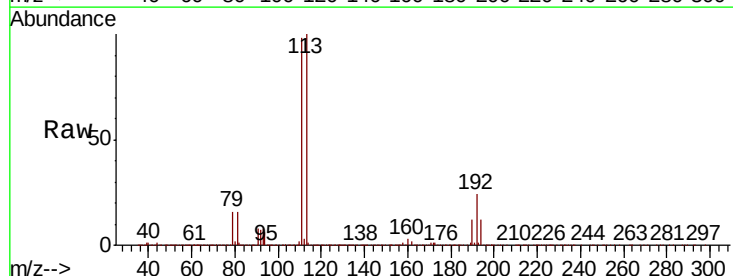
Instrument :
MSVOA_X
ClientSampleId :

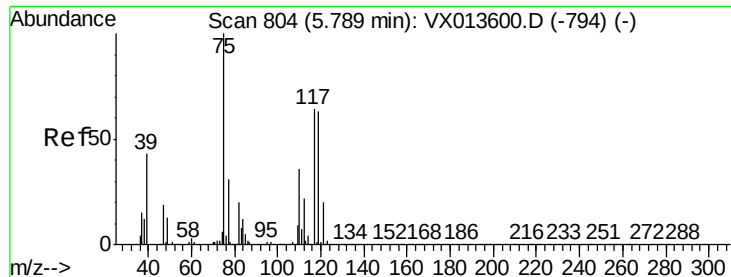
Tot Ion:114 Resp: 1062251
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.6
88 15.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.191 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

Tgt Ion:113 Resp: 316470
Ion Ratio Lower Upper
113 100
111 100.5 83.6 125.4
192 23.4 19.2 28.8

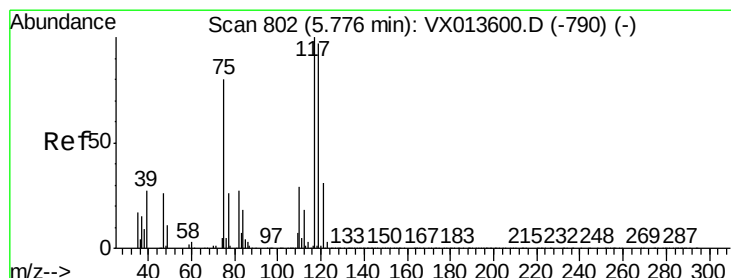
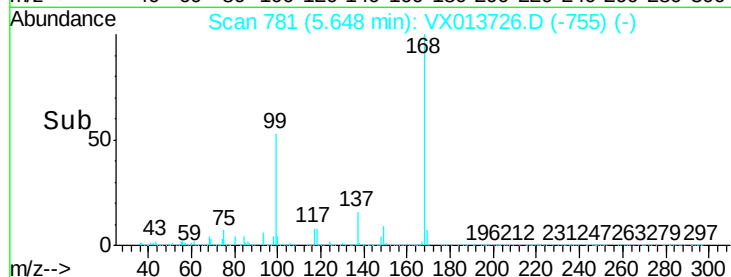
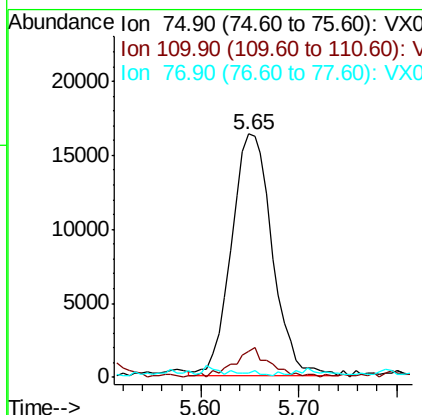
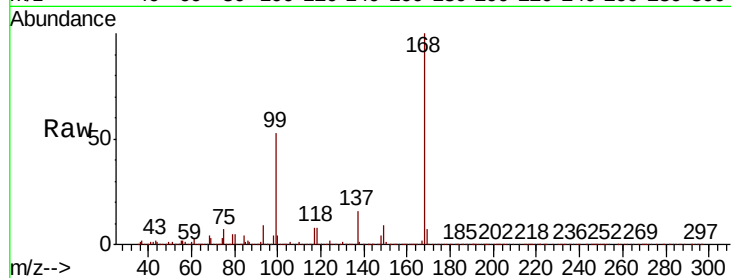




#36
 1,1-Dichloropropene
 Concen: 4.874 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013726.D
 Acq: 03 Dec 2019 15:48

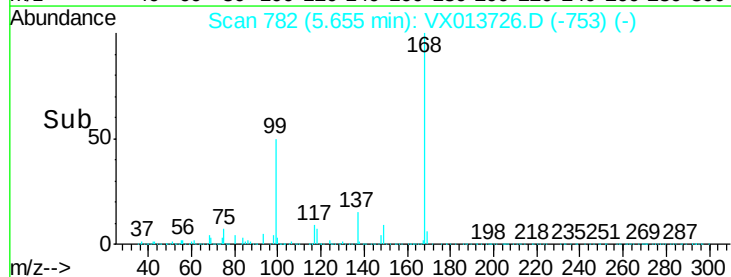
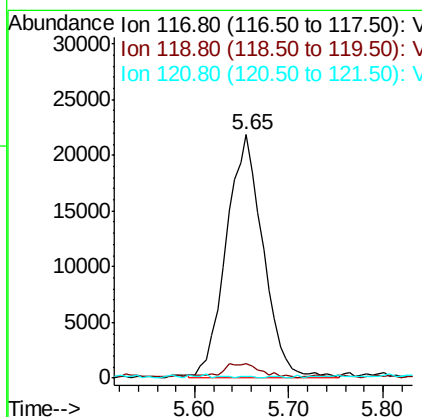
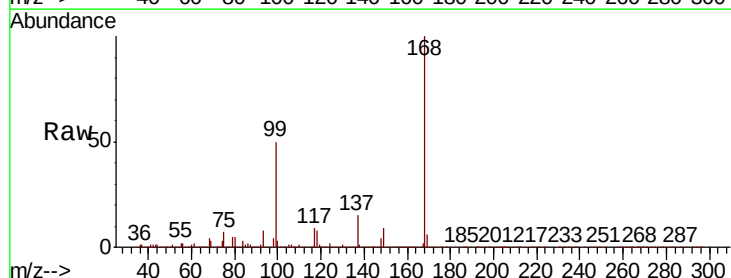
Instrument :
 MSVOA_X
 ClientSampleId :

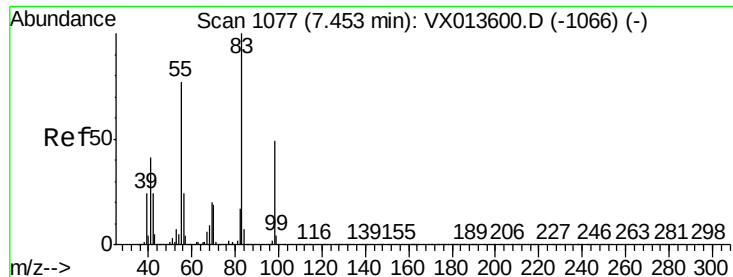
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.1	18.1	54.1#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.709 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX013726.D
 Acq: 03 Dec 2019 15:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.5	116.3#
121	0.0	25.0	37.6#

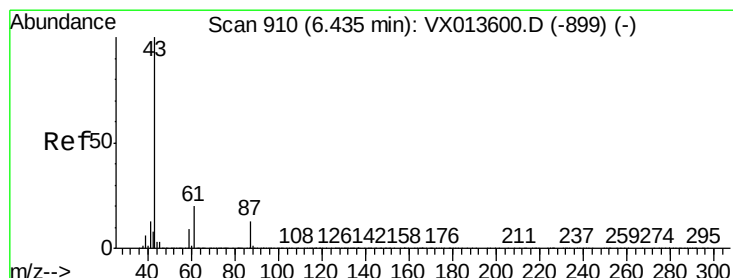
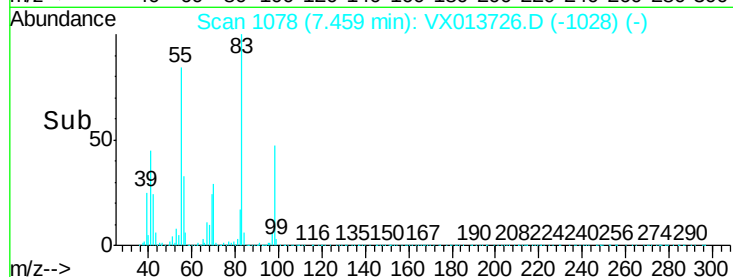
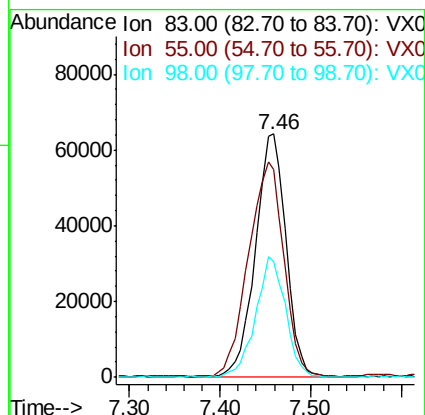
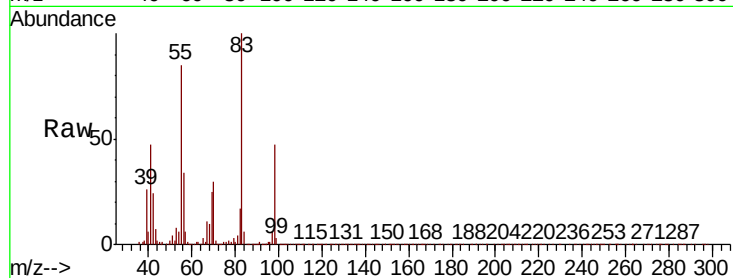




#39
Methylcyclohexane
Concen: 12.578 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

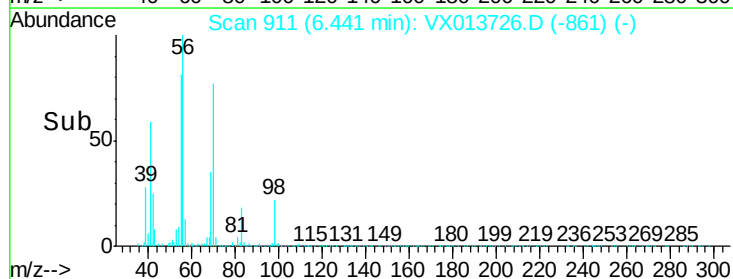
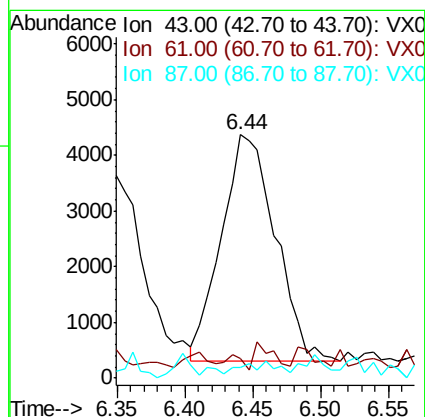
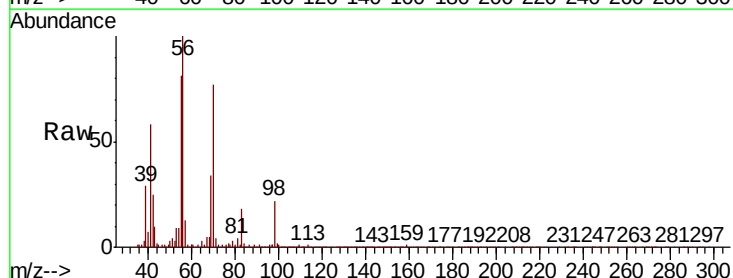
Instrument :
MSVOA_X
ClientSampleId :

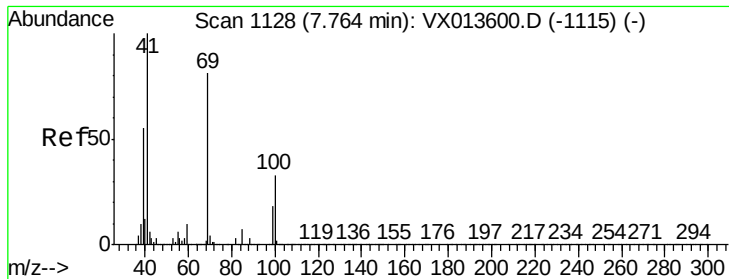
Tot Ion	Ratio	Lower	Upper
83	100		
55	84.8	61.9	92.9
98	46.9	39.4	59.0



#43
Isopropyl Acetate
Concen: 0.632 ug/l
RT: 6.44 min Scan# 911
Delta R.T. 0.01 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	4.4	16.3	24.5#
87	1.7	10.8	16.2#

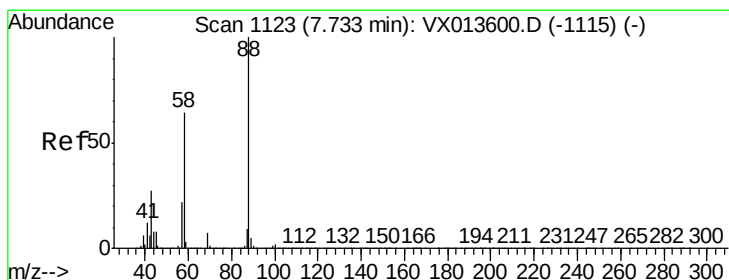
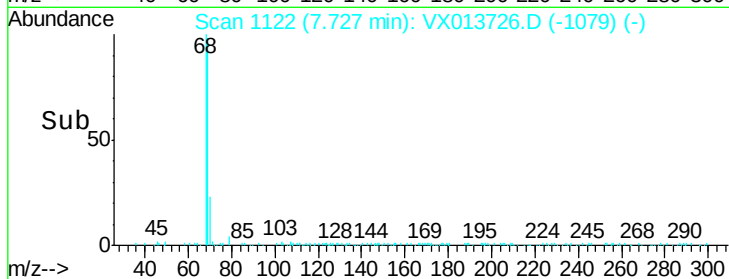
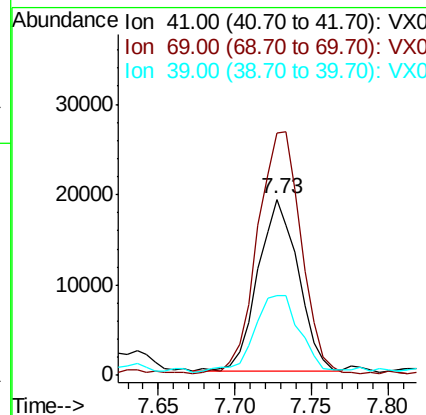
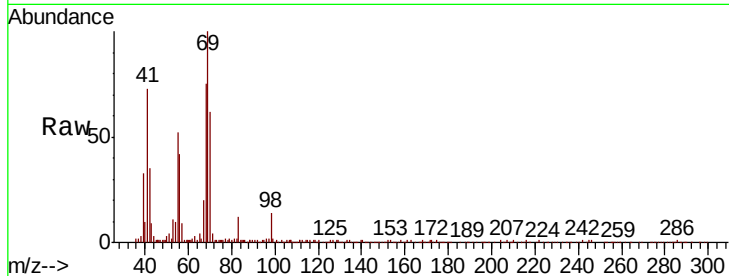




#48
Methvl methacrylate
Concen: 4.023 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.04 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

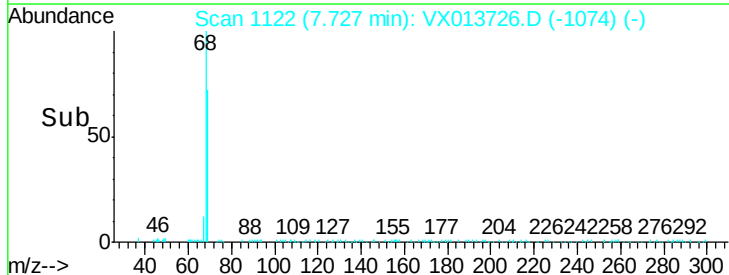
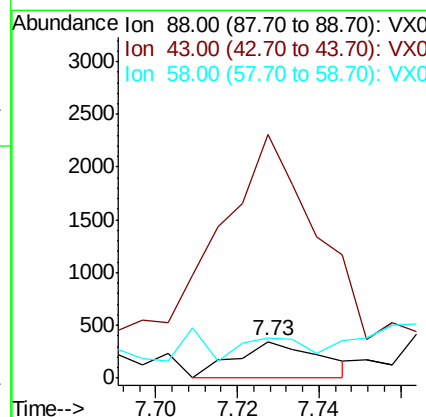
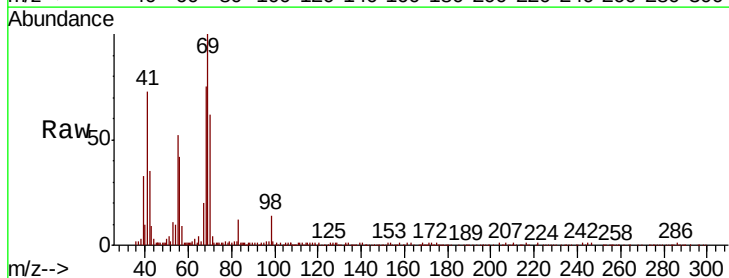
Instrument :
MSVOA_X
ClientSampleId :

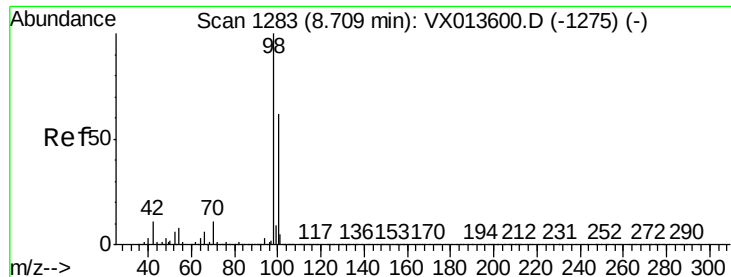
Tot Ion: 41 Resp: 34807
Ion Ratio Lower Upper
41 100
69 153.9 64.7 97.1#
39 51.5 43.8 65.6



#49
1,4-Dioxane
Concen: 2.566 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

Tgt Ion: 88 Resp: 497
Ion Ratio Lower Upper
88 100
43 702.6 25.8 38.6#
58 50.3 54.6 82.0#

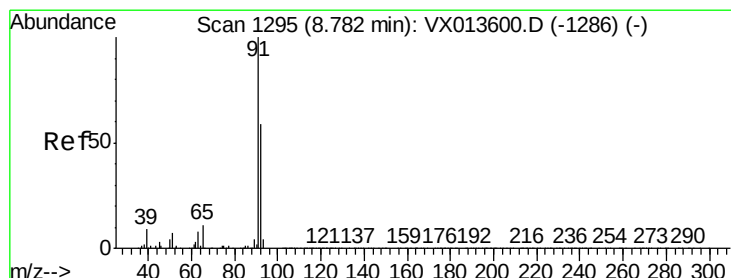
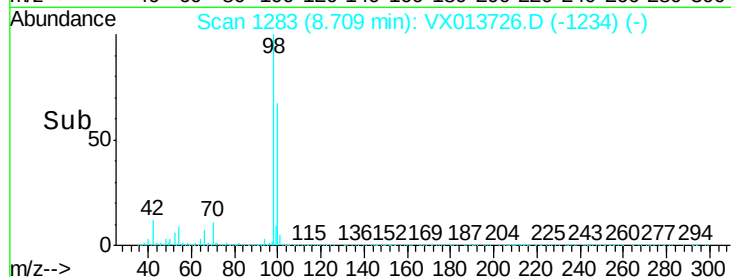
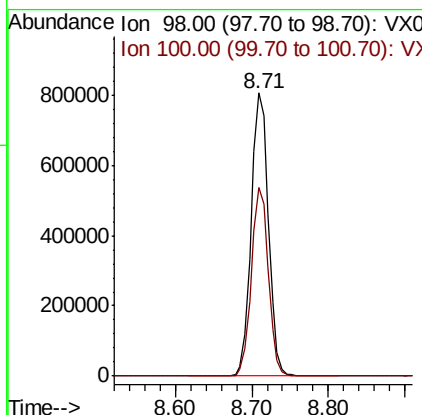
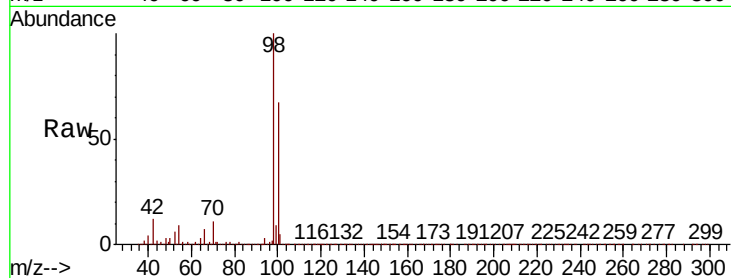




#50
Toluene-d8
Concen: 49.333 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

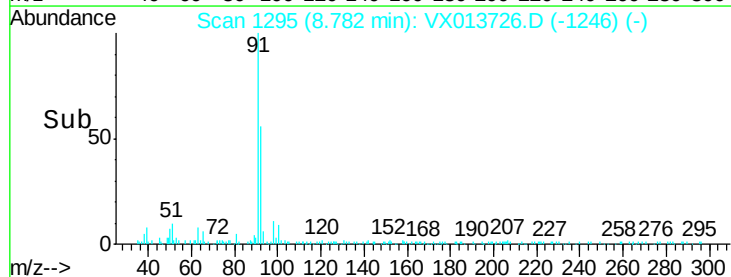
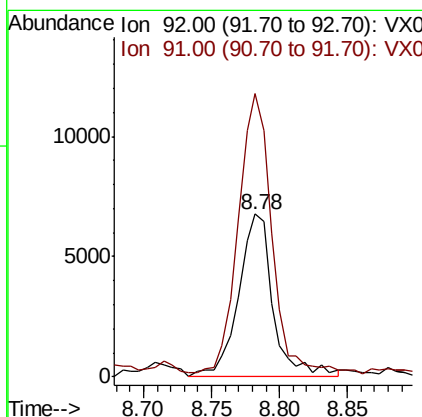
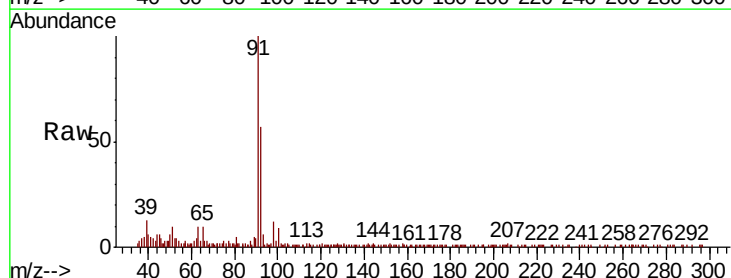
Instrument :
MSVOA_X
ClientSampled :

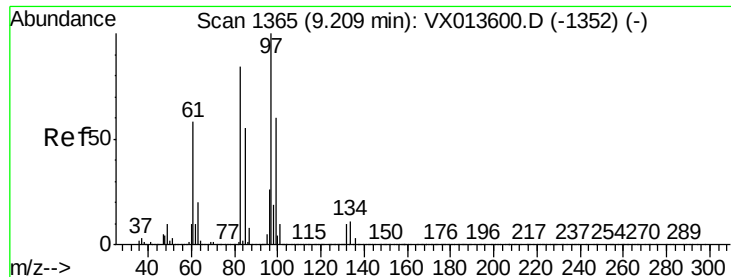
Tot Ion: 98 Resp: 1262220
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#52
Toluene
Concen: 0.660 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

Tgt Ion: 92 Resp: 12045
Ion Ratio Lower Upper
92 100
91 165.2 136.2 204.2





#55

1,1,2-Trichloroethane

Concen: 0.980 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 7202

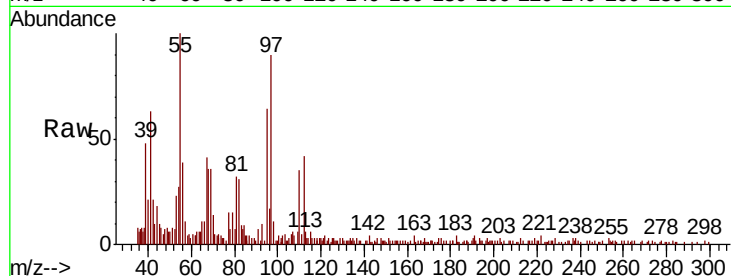
Ion Ratio Lower Upper

97 100

83 4.9 67.3 100.9#

85 4.0 43.6 65.4#

99 0.1 48.2 72.4#



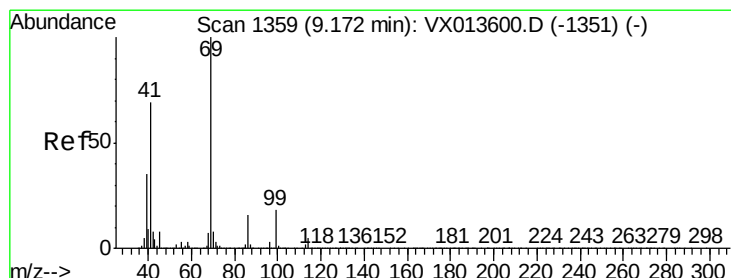
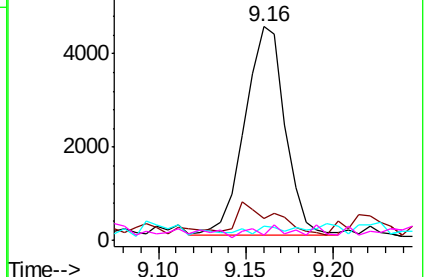
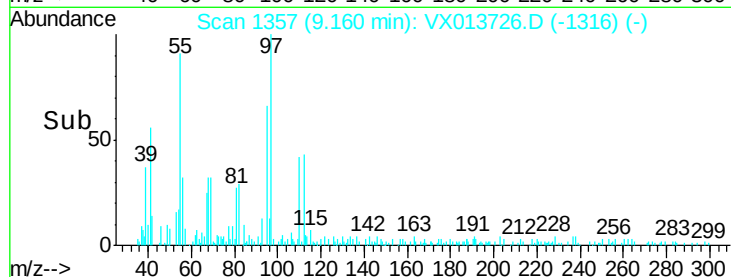
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->



#56

Ethyl methacrylate

Concen: 0.246 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

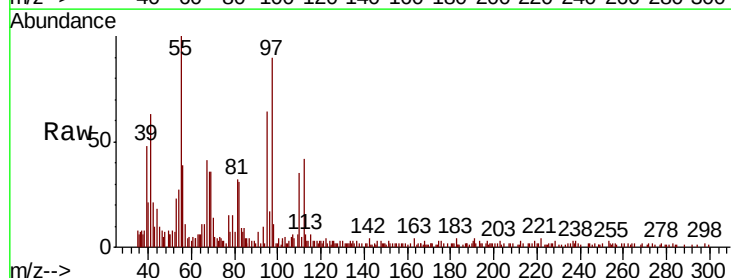
Tgt Ion: 69 Resp: 2912

Ion Ratio Lower Upper

69 100

41 240.4 55.0 82.4#

39 182.1 28.7 43.1#

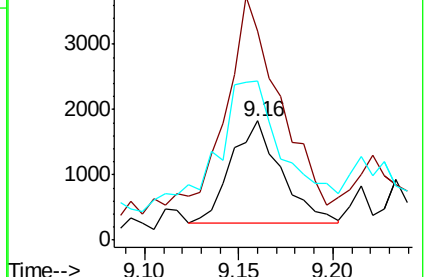
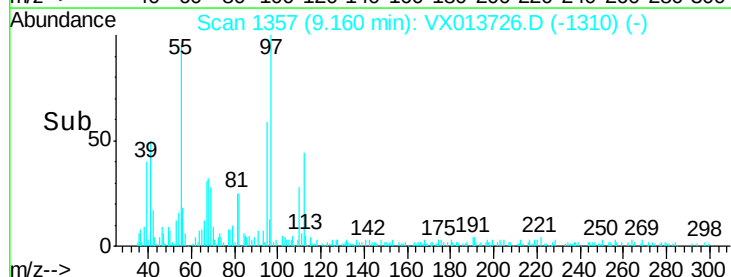


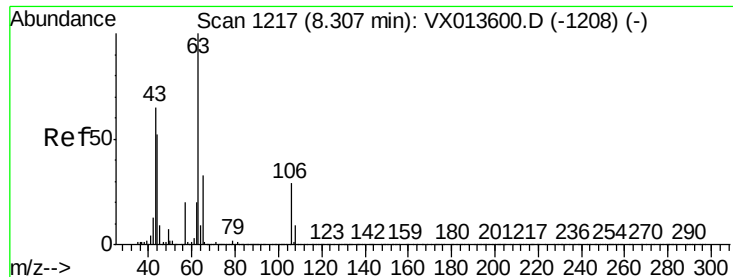
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

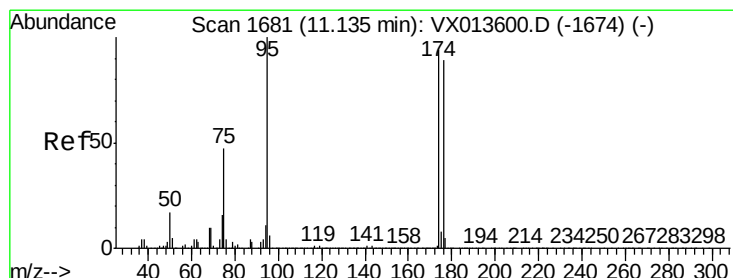
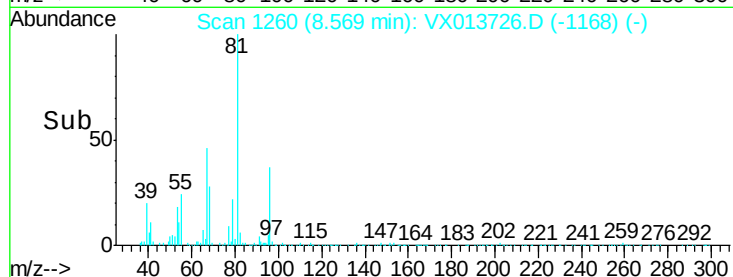
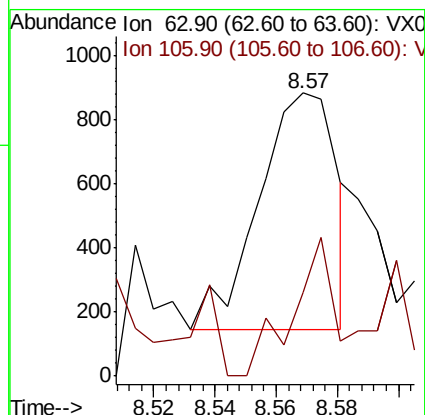
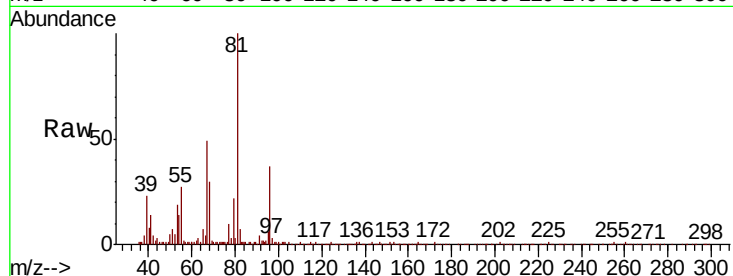




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.282 ug/l
 RT: 8.57 min Scan# 1260
 Delta R.T. 0.26 min
 Lab File: VX013726.D
 Acq: 03 Dec 2019 15:48

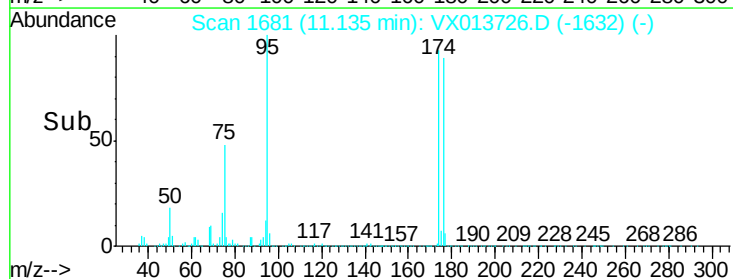
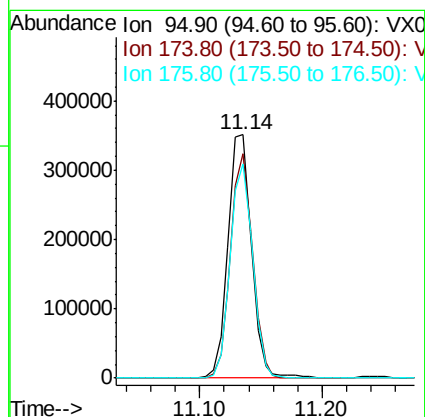
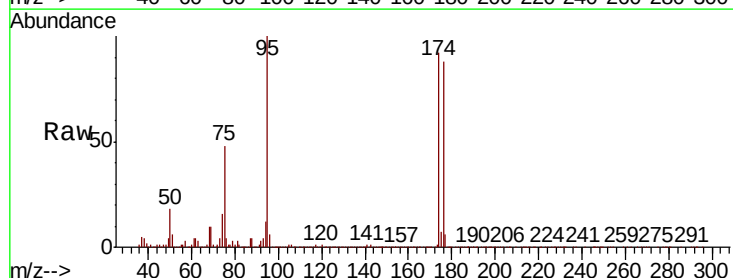
Instrument :
 MSVOA_X
 ClientSampled :

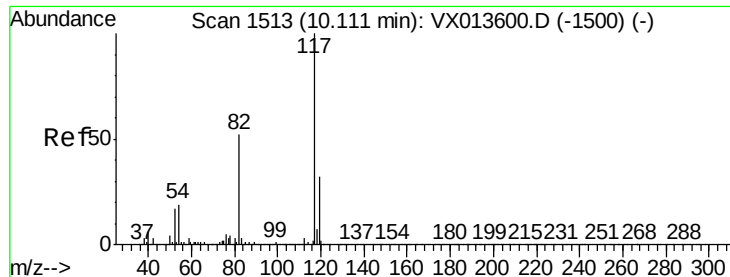
Tot Ion: 63 Resp: 1309
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.4 35.0



#62
 4-Bromofluorobenzene
 Concen: 50.460 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX013726.D
 Acq: 03 Dec 2019 15:48

Tgt Ion: 95 Resp: 465559
 Ion Ratio Lower Upper
 95 100
 174 86.7 0.0 180.0
 176 83.9 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: VX013726.D

Acq: 03 Dec 2019 15:48

Instrument :

MSVOA_X

ClientSampled :

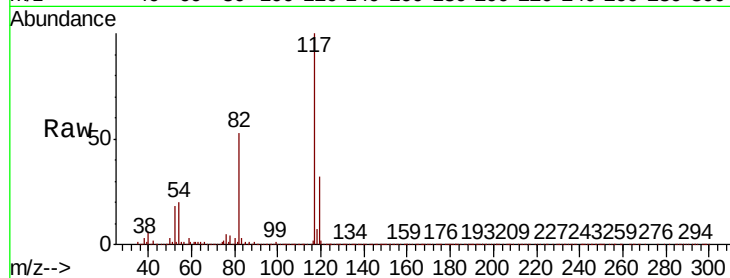
Tot Ion:117 Resp: 967941

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.8

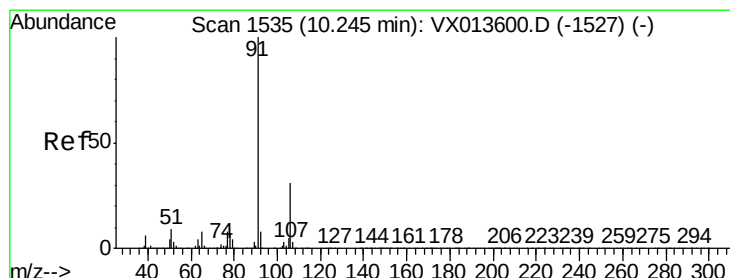
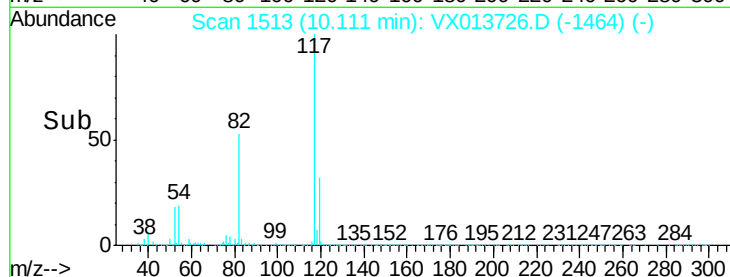
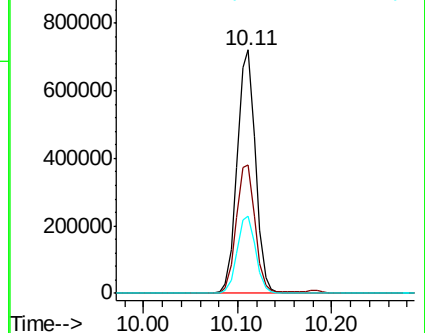
119 31.9 25.8 38.8



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



#67

Ethyl Benzene

Concen: 21.424 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013726.D

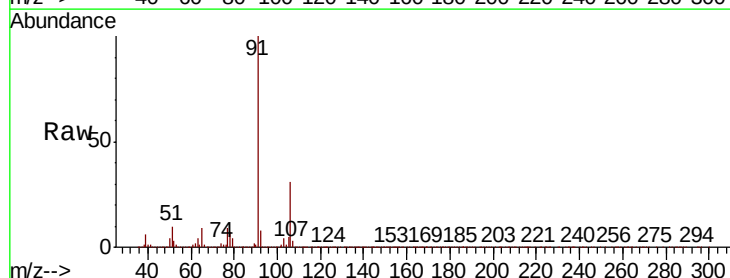
Acq: 03 Dec 2019 15:48

Tgt Ion: 91 Resp: 739859

Ion Ratio Lower Upper

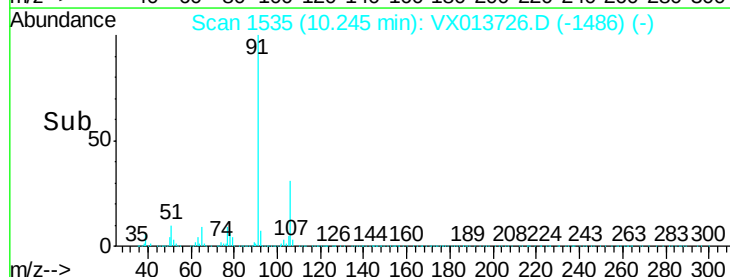
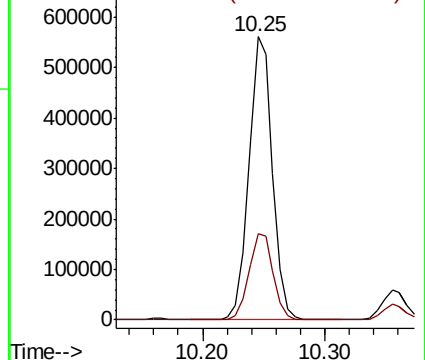
91 100

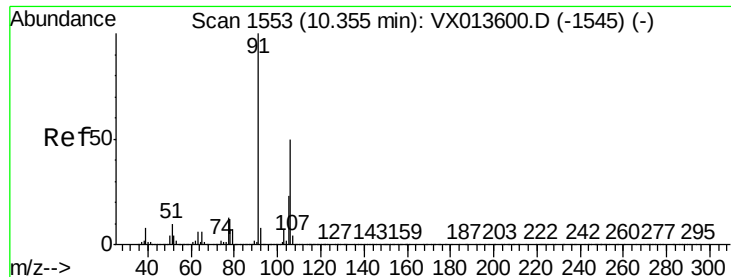
106 30.6 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 3.062 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

Instrument :

MSVOA_X

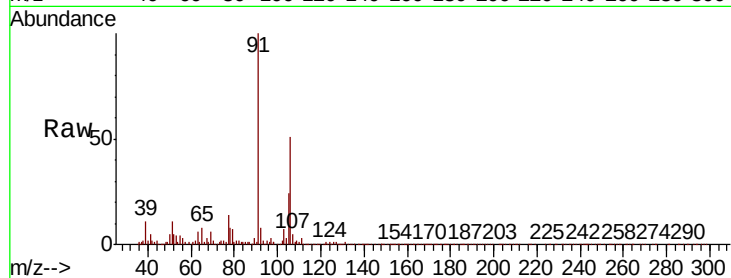
ClientSampleId :

Tot Ion:106 Resp: 40481

Ion Ratio Lower Upper

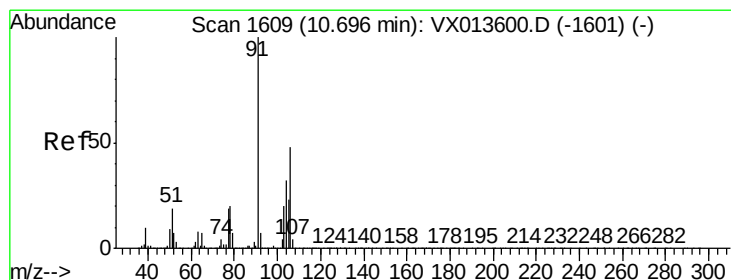
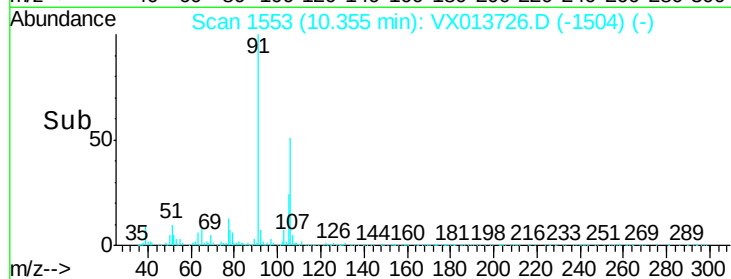
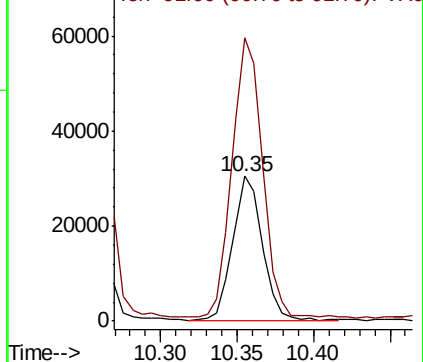
106 100

91 198.9 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 8.195 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013726.D

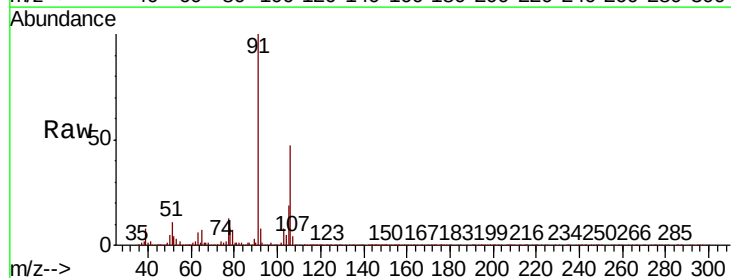
Acq: 03 Dec 2019 15:48

Tgt Ion:106 Resp: 105672

Ion Ratio Lower Upper

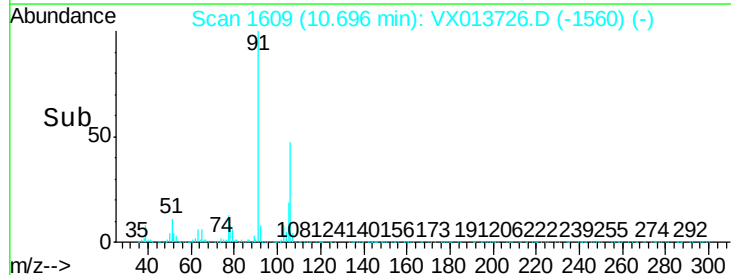
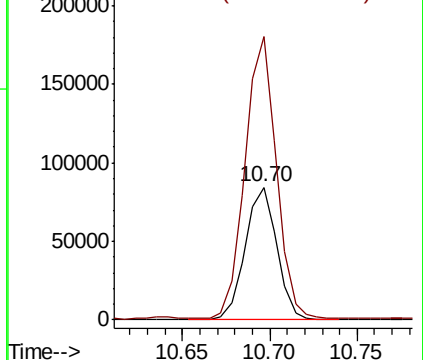
106 100

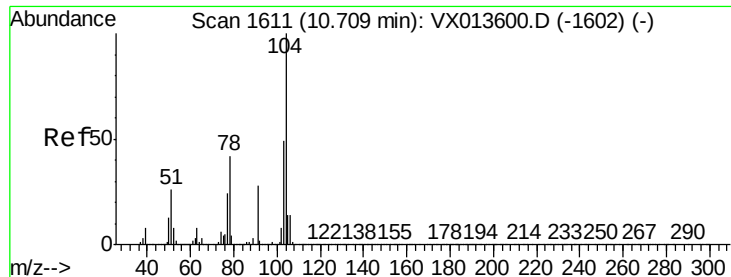
91 211.6 104.1 312.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

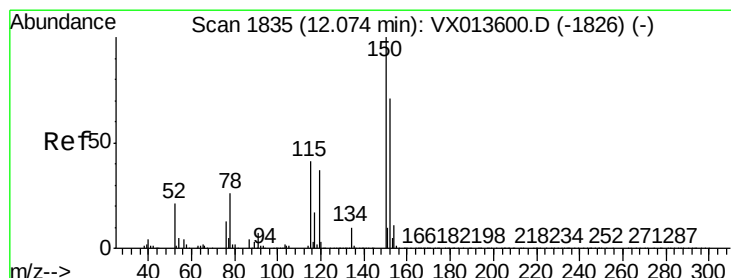
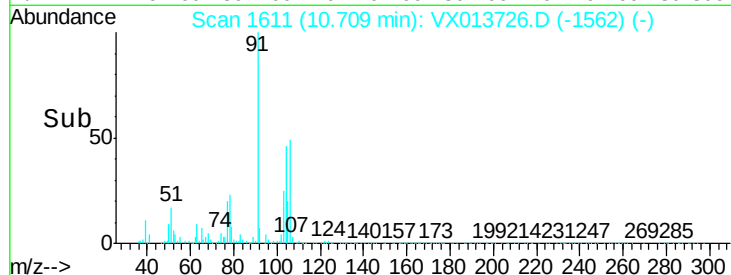
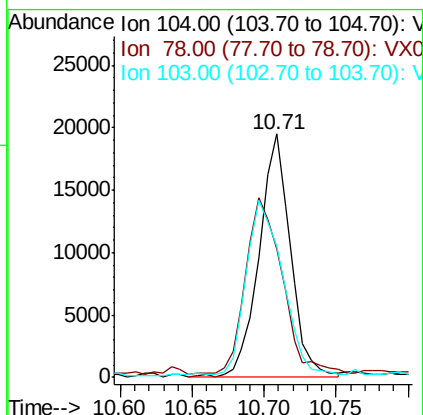
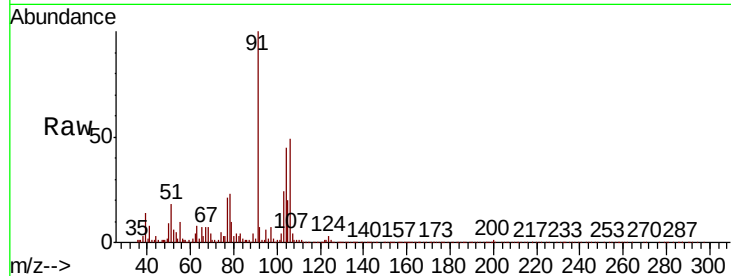




#70
Stvrene
Concen: 1.351 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

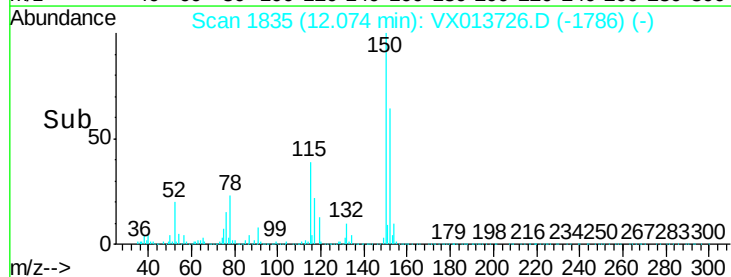
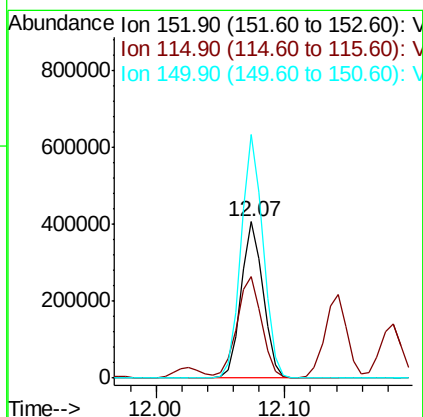
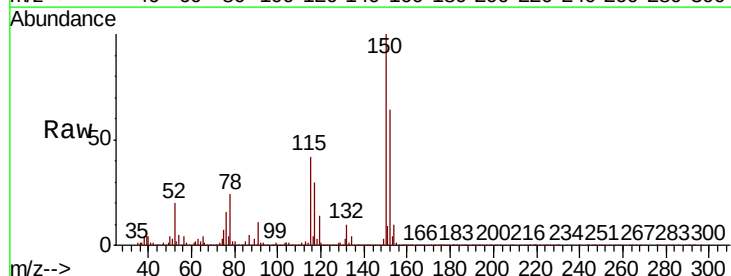
Instrument :
MSVOA_X
ClientSampled :

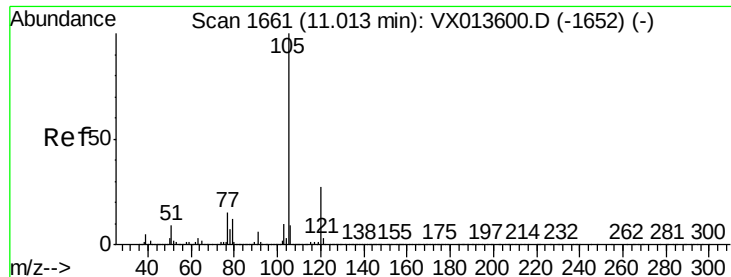
Tot Ion	Ratio	Lower	Upper
104	100		
78	83.8	38.5	57.7#
103	83.0	43.7	65.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	72.2	38.4	115.1
150	156.0	0.0	346.8





#73

Isopropylbenzene

Concen: 88.026 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

Instrument :

MSVOA_X

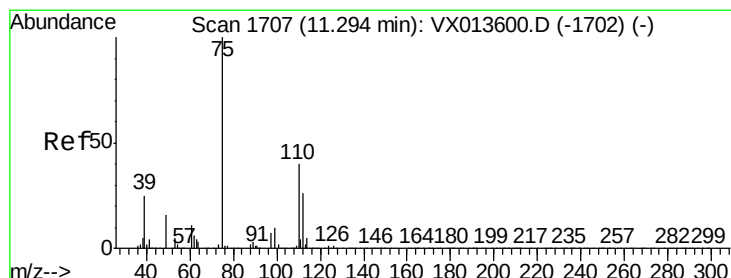
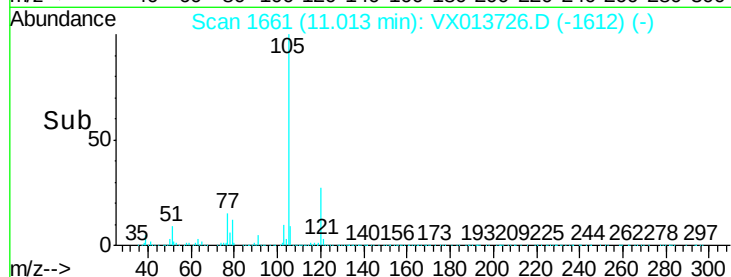
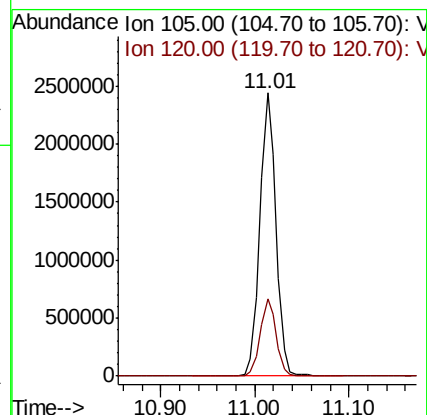
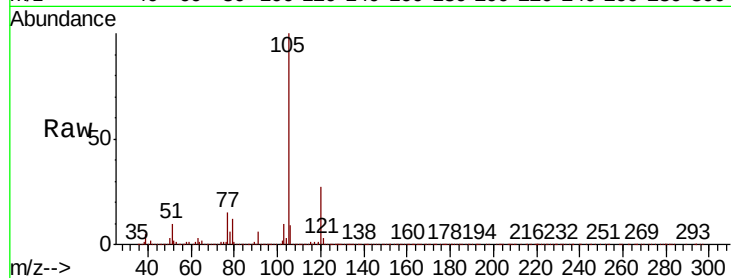
ClientSampled :

Tot Ion:105 Resp: 2956241

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#76

1,2,3-Trichloropropane

Concen: 1.693 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.06 min

Lab File: VX013726.D

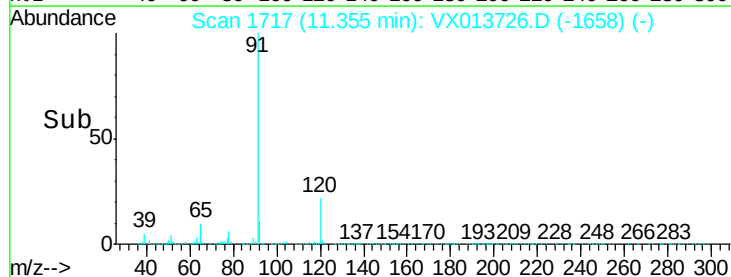
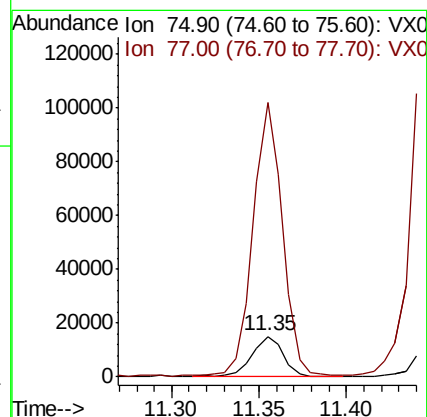
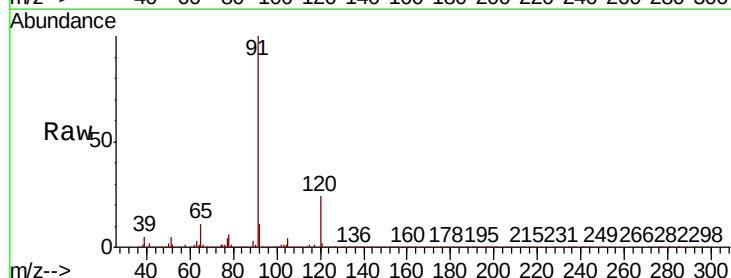
Acq: 03 Dec 2019 15:48

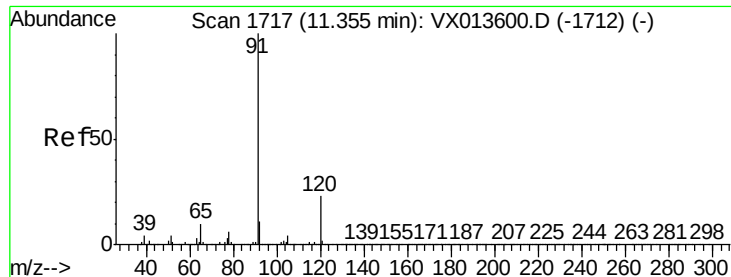
Tgt Ion: 75 Resp: 18233

Ion Ratio Lower Upper

75 100

77 647.5 19.1 57.5#





#78

n-propylbenzene

Concen: 81.982 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

Instrument :

MSVOA_X

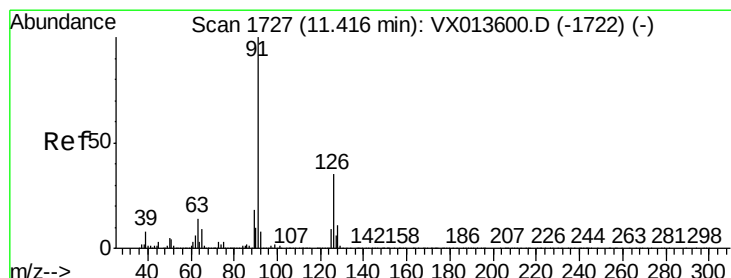
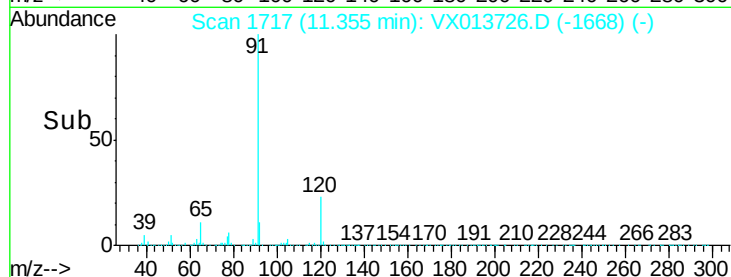
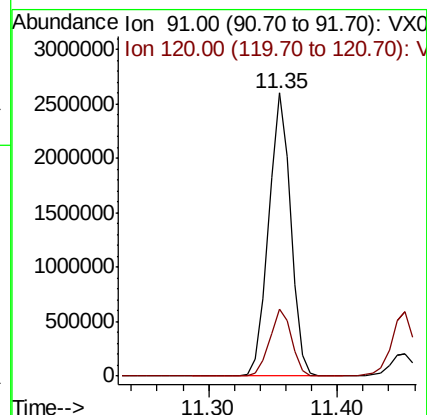
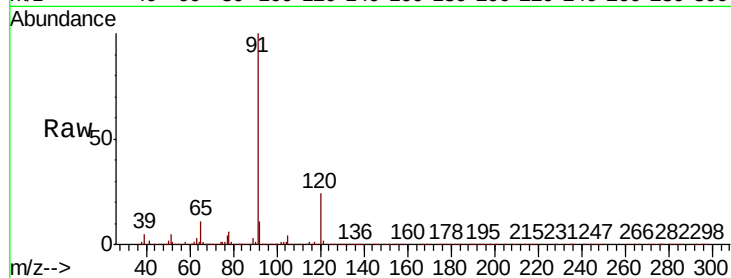
ClientSampled :

Tot Ion: 91 Resp: 3073477

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.3



#79

2-Chlorotoluene

Concen: 11.498 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. 0.04 min

Lab File: VX013726.D

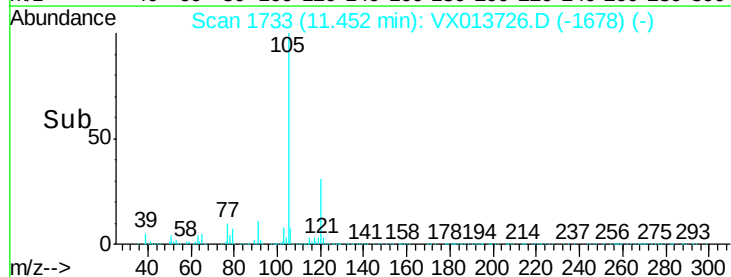
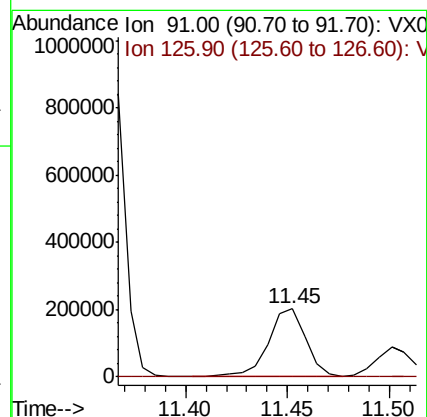
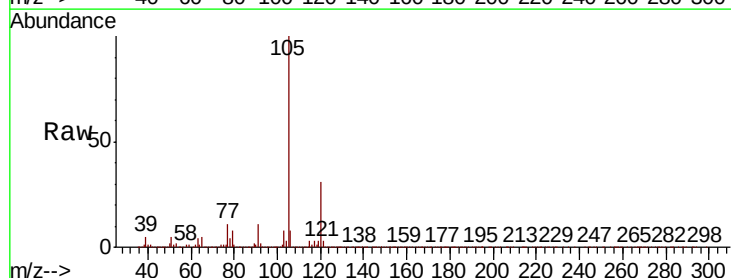
Acq: 03 Dec 2019 15:48

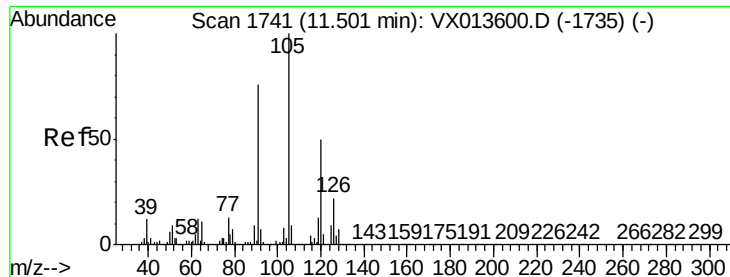
Tgt Ion: 91 Resp: 258584

Ion Ratio Lower Upper

91 100

126 1.4 17.5 52.5#





#80

1,3,5-Trimethylbenzene

Concen: 35.107 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

Instrument :

MSVOA_X

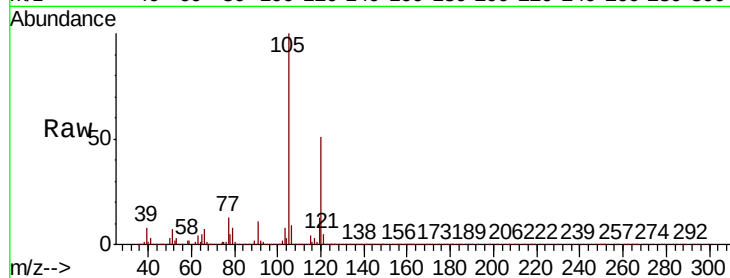
ClientSampled :

Tot Ion:105 Resp: 966330

Ion Ratio Lower Upper

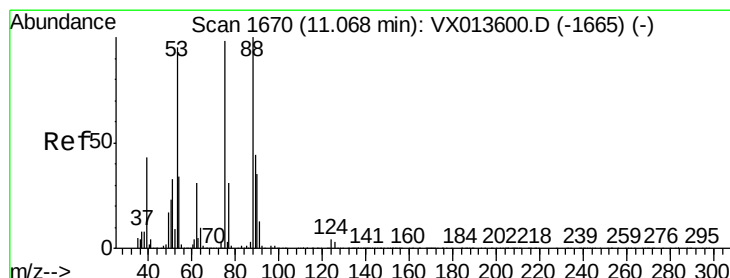
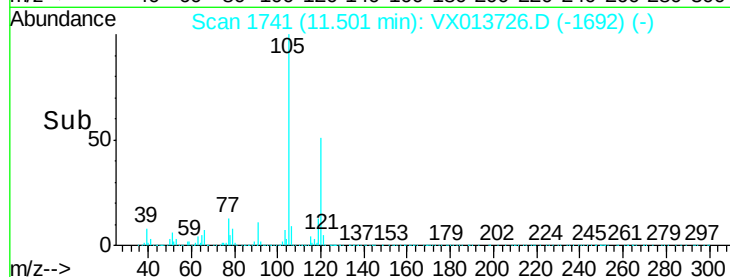
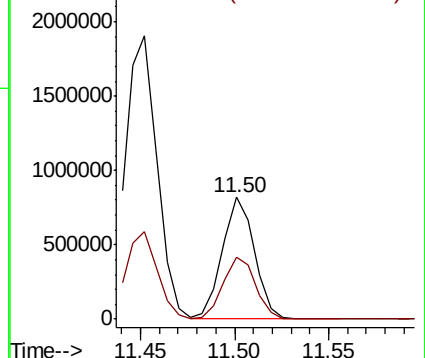
105 100

120 51.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 8.190 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.05 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

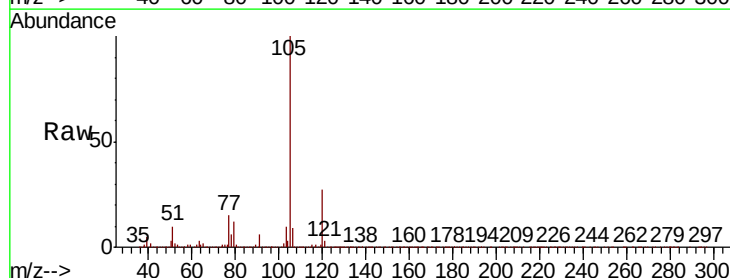
Tgt Ion: 75 Resp: 32238

Ion Ratio Lower Upper

75 100

53 113.0 78.2 117.2

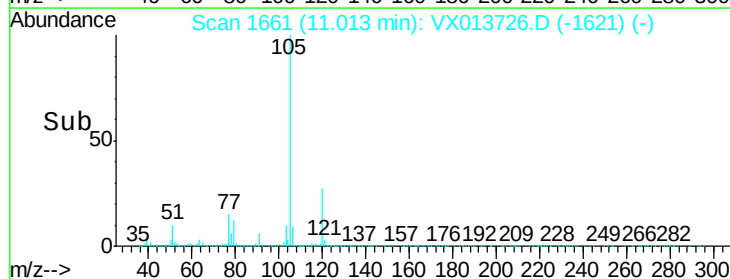
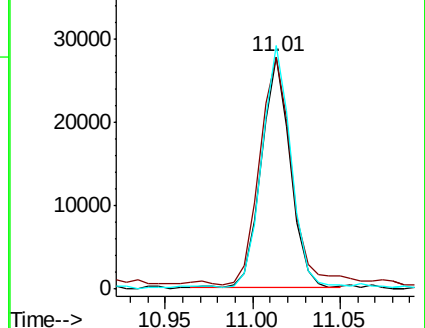
89 104.6 35.4 53.2#

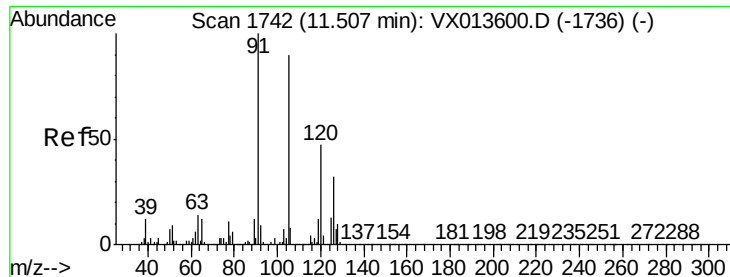


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 4.049 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

Instrument :

MSVOA_X

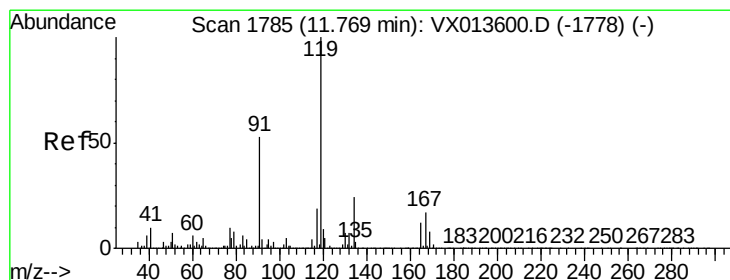
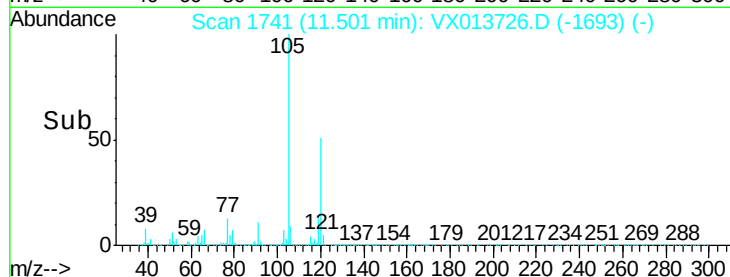
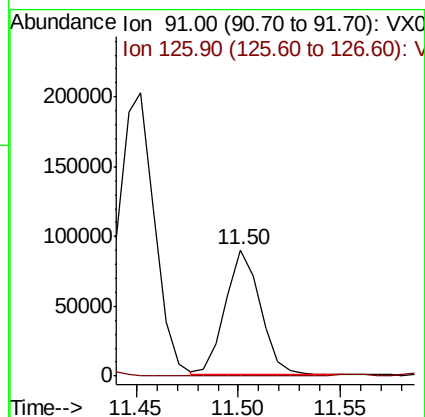
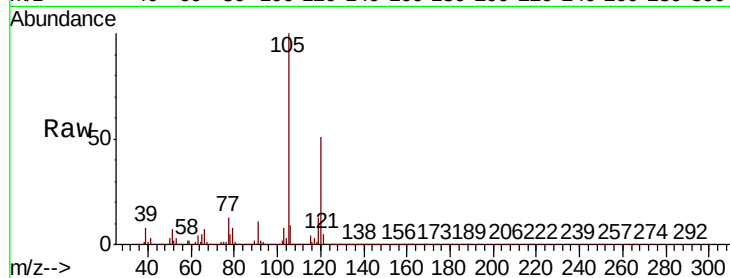
ClientSampled :

Tot Ion: 91 Resp: 105469

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.0#



#83

tert-Butylbenzene

Concen: 83.166 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.04 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

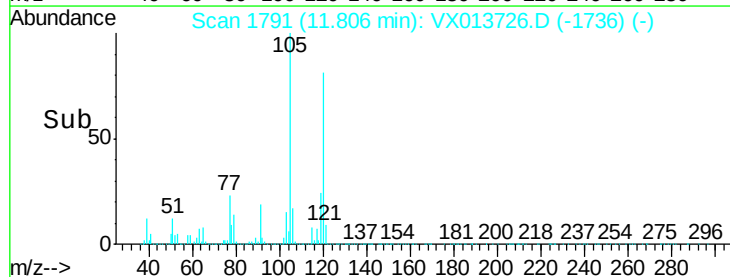
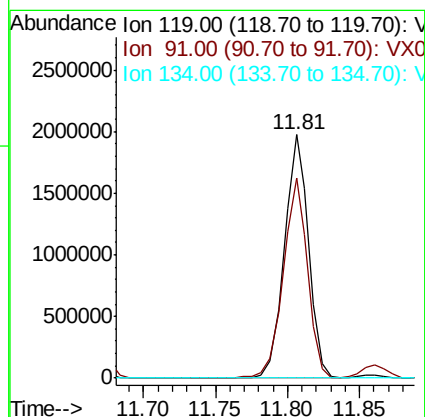
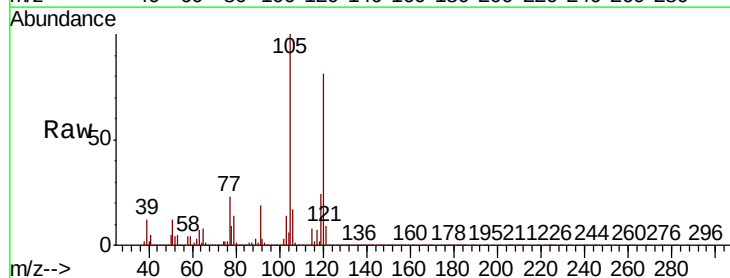
Tgt Ion: 119 Resp: 2326435

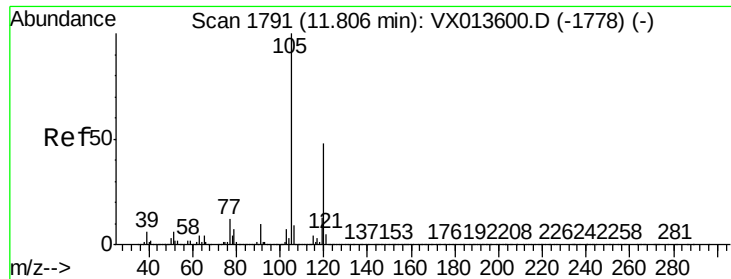
Ion Ratio Lower Upper

119 100

91 82.7 27.2 81.6#

134 0.0 11.7 35.1#





#84

1,2,4-Trimethylbenzene

Concen: 476.095 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

Instrument :

MSVOA_X

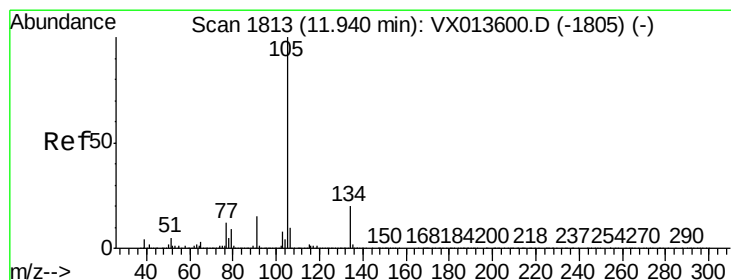
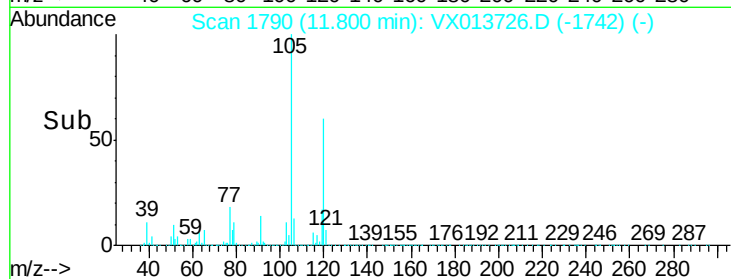
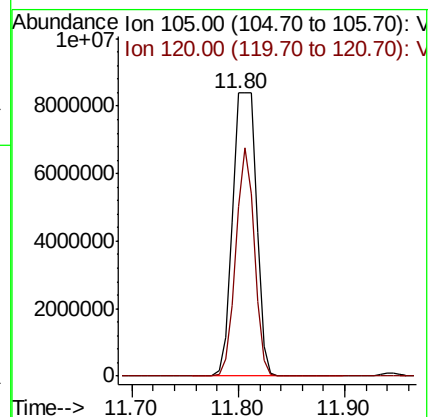
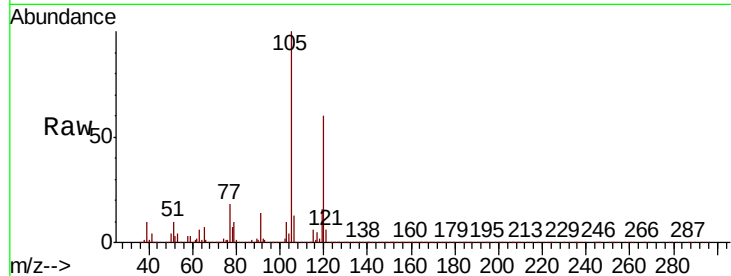
ClientSampleId :

Tot Ion:105 Resp:13299762

Ion Ratio Lower Upper

105 100

120 62.2 23.1 69.3



#85

sec-Butylbenzene

Concen: 416.210 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.14 min

Lab File: VX013726.D

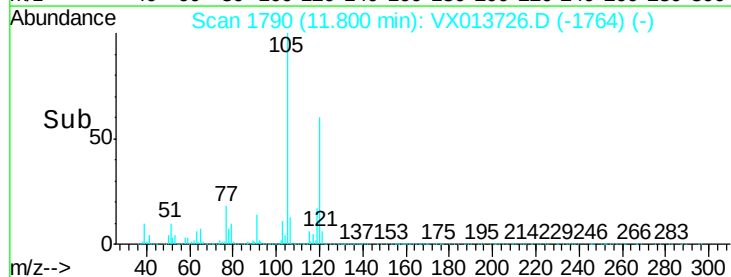
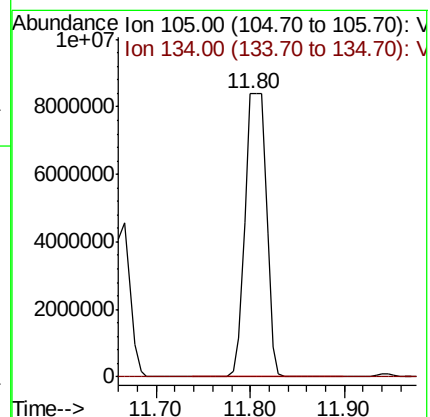
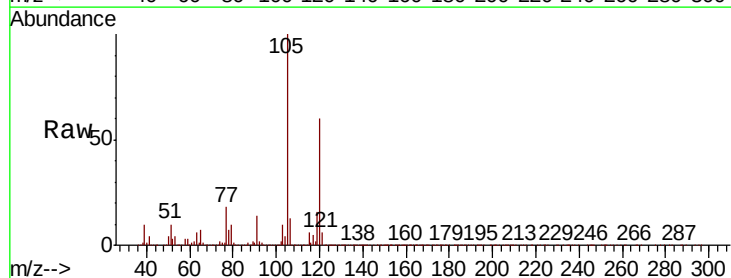
Acq: 03 Dec 2019 15:48

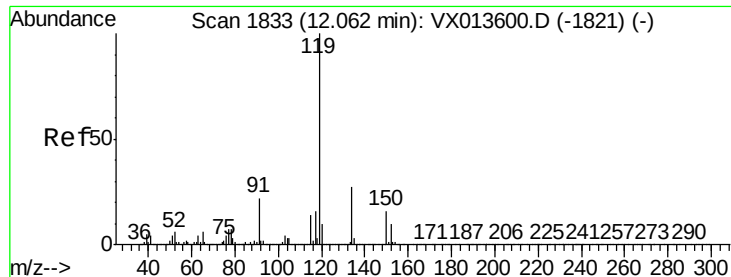
Tgt Ion:105 Resp:13298635

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.2#

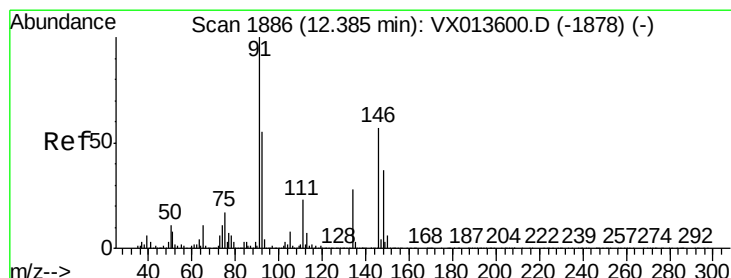
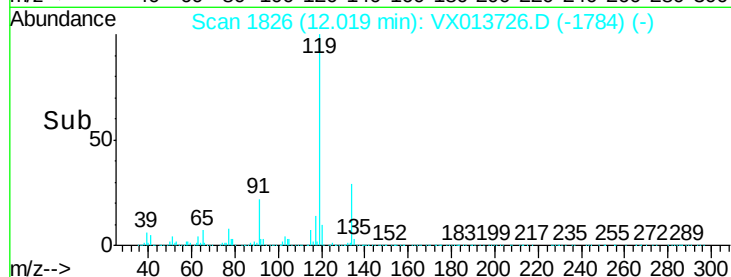
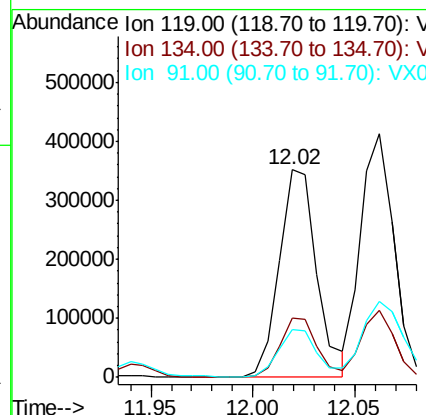
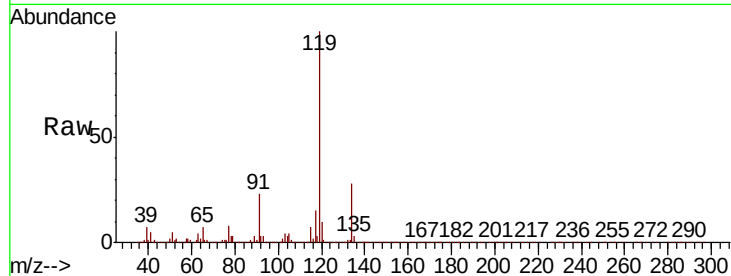




#86
p-Isopropyltoluene
Concen: 15.199 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.04 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

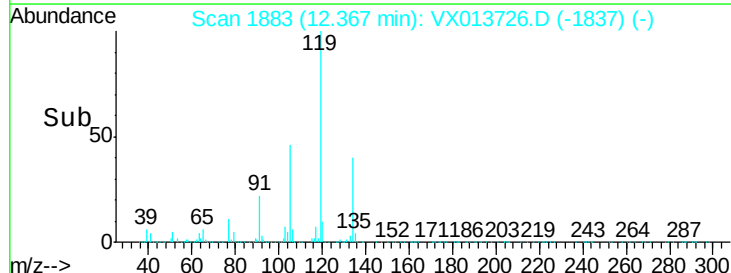
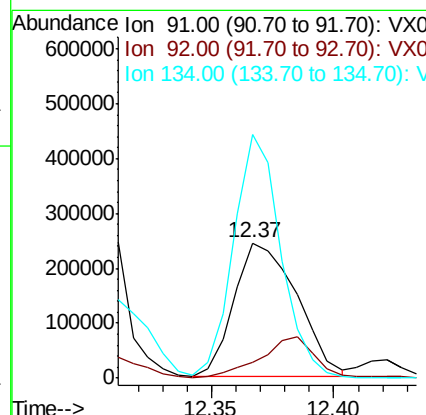
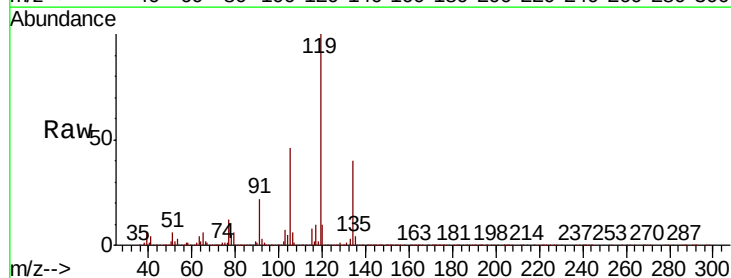
Instrument :
MSVOA_X
ClientSampled :

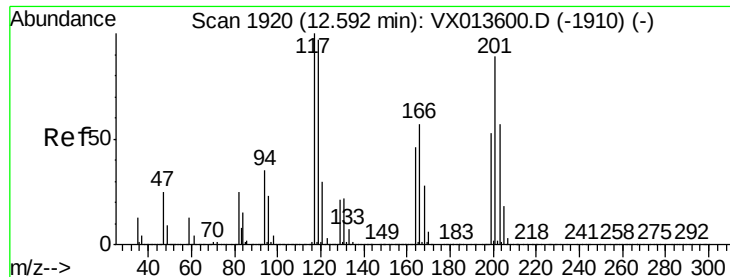
Tot Ion:119 Resp: 451781
Ion Ratio Lower Upper
119 100
134 28.1 13.3 39.9
91 23.8 11.3 33.8



#89
n-Butylbenzene
Concen: 16.938 ug/l
RT: 12.37 min Scan# 1883
Delta R.T. -0.02 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

Tgt Ion: 91 Resp: 429413
Ion Ratio Lower Upper
91 100
92 25.9 27.4 82.2#
134 138.2 13.5 40.4#





#90

Hexachloroethane

Concen: 61.918 ug/l

RT: 12.60 min Scan# 1922

Delta R.T. 0.01 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

Instrument :

MSVOA_X

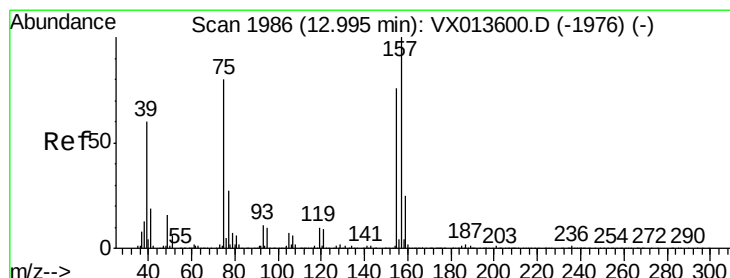
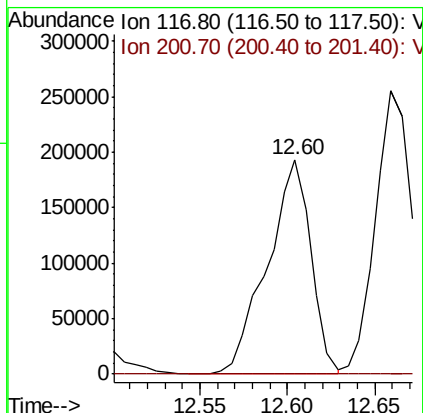
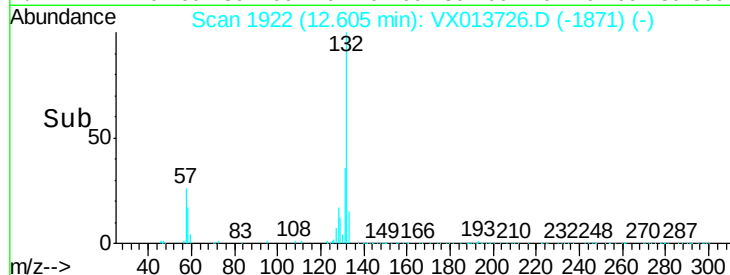
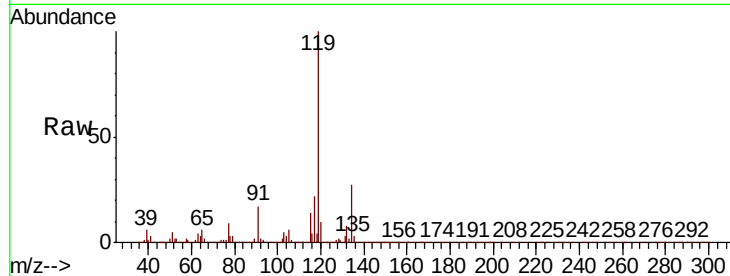
ClientSampleId :

Tot Ion:117 Resp: 332671

Ion Ratio Lower Upper

117 100

201 0.0 44.1 132.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.074 ug/l

RT: 13.02 min Scan# 1990

Delta R.T. 0.02 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

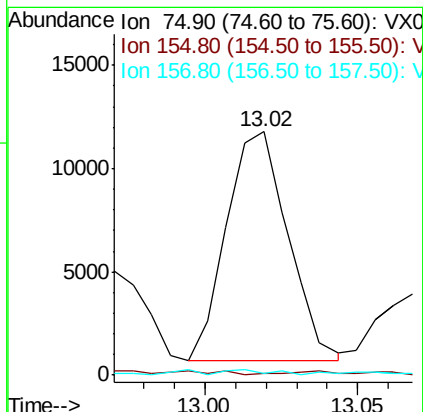
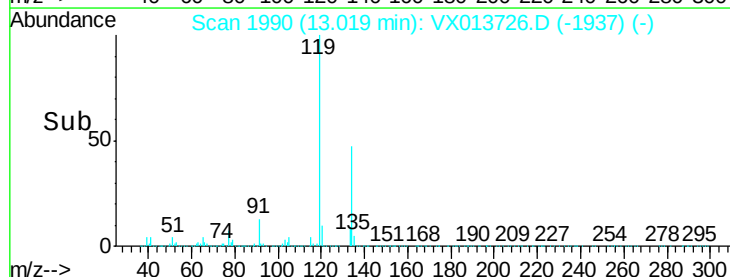
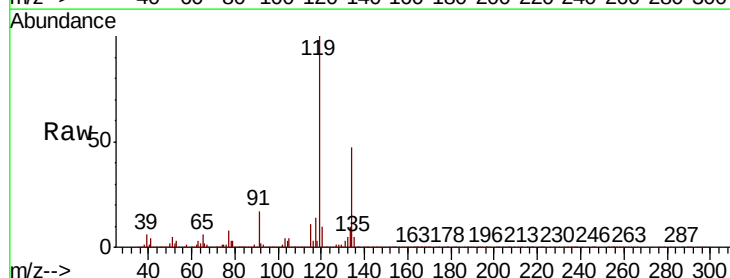
Tgt Ion: 75 Resp: 15404

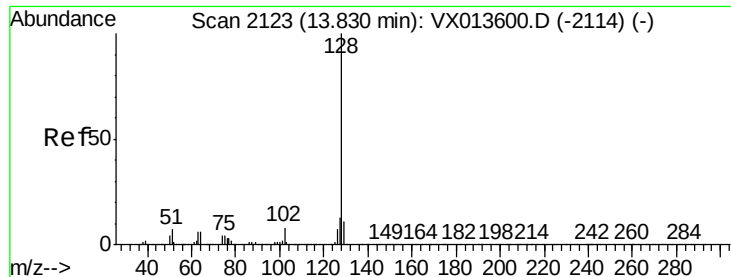
Ion Ratio Lower Upper

75 100

155 0.0 47.6 142.8#

157 1.8 62.1 186.2#





#95
Naphthalene
Concen: 20.075 ug/l
RT: 13.56 min Scan# 2078
Delta R.T. -0.27 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	173.5	8.7	13.1#

