

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013806.D
 Acq On : 06 Dec 2019 17:49
 Operator : JC/SP
 Sample : K6184-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20191203

Quant Time: Dec 07 04:31:45 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	638393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	973798	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	870783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	374211	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	352099	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	
35) Dibromofluoromethane	5.49	113	290695	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
50) Toluene-d8	8.71	98	1134707	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.14	95	374326	44.26	ug/l	0.00
Spiked Amount			Recovery	=	88.52%	

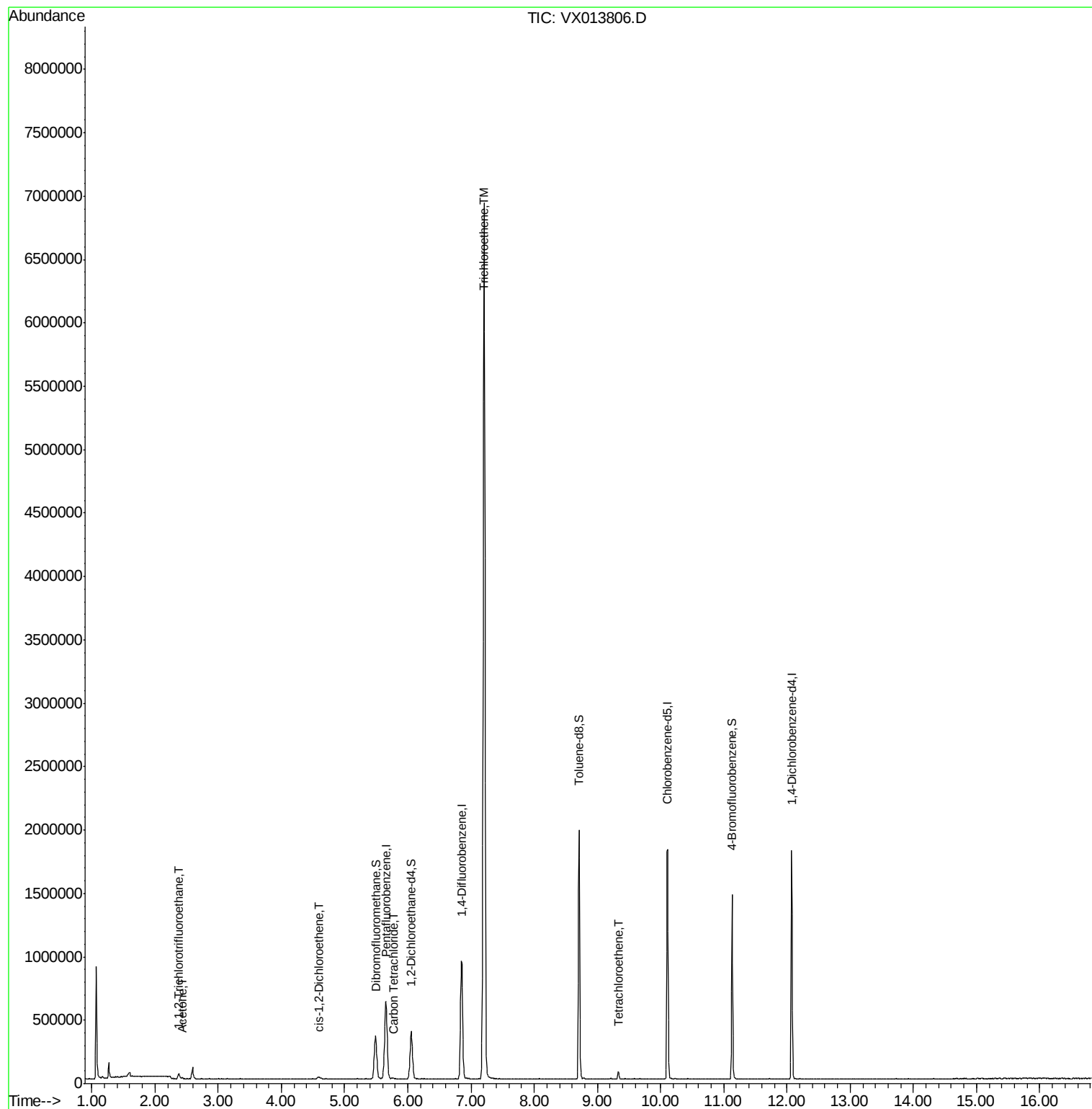
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	14895	2.447	ug/l	95
16) Acetone	2.43	43	9208	2.517	ug/l	89
27) cis-1,2-Dichloroethene	4.59	96	10108	1.330	ug/l	87
38) Carbon Tetrachloride	5.78	117	2531	0.311	ug/l #	58
44) Trichloroethene	7.21	130	2729088	369.353	ug/l	97
64) Tetrachloroethene	9.33	164	12321	1.897	ug/l #	87

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

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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: VX013806.D

Acq: 06 Dec 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

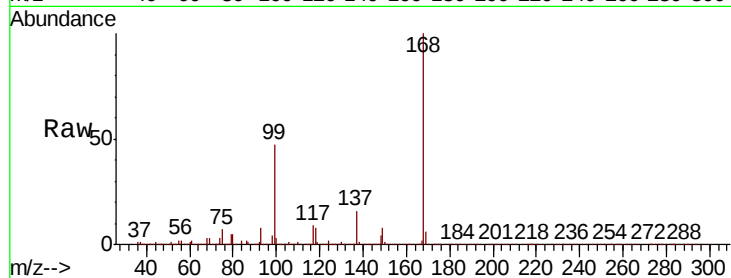
RE122D1-20191203

Tot Ion:168 Resp: 638393

Ion Ratio Lower Upper

168 100

99 47.3 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

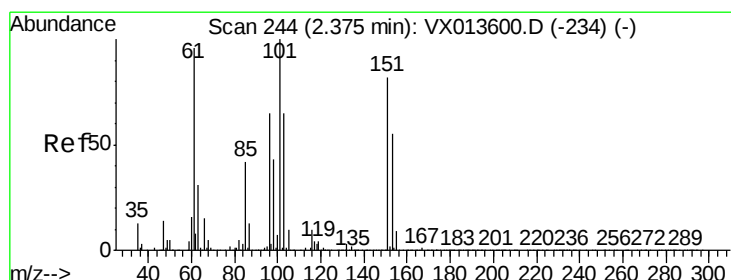
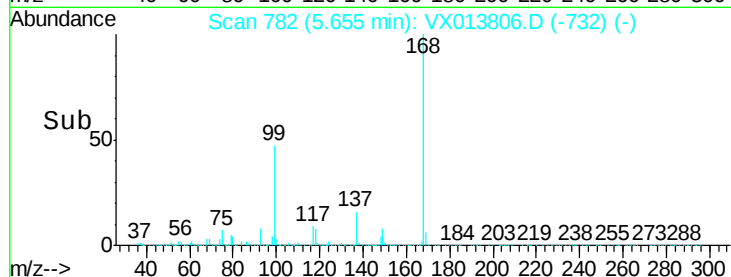
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.447 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013806.D

Acq: 06 Dec 2019 17:49

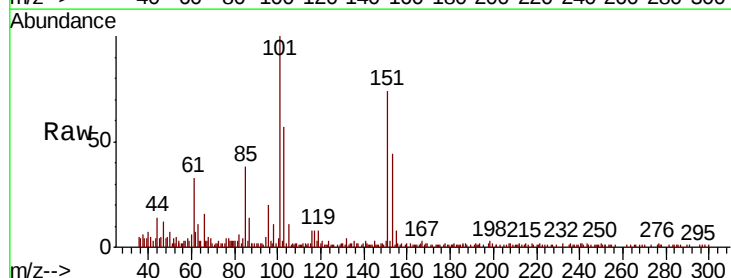
Tgt Ion:101 Resp: 14895

Ion Ratio Lower Upper

101 100

85 40.5 33.9 50.9

151 74.3 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.37

10000

8000

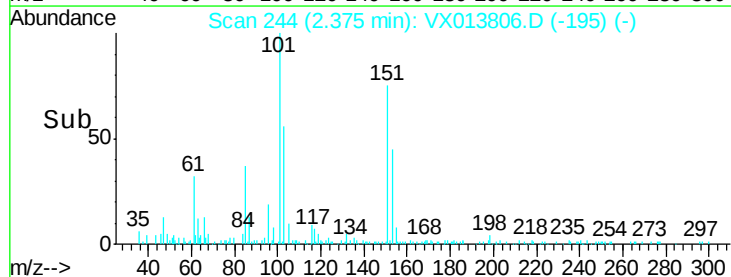
6000

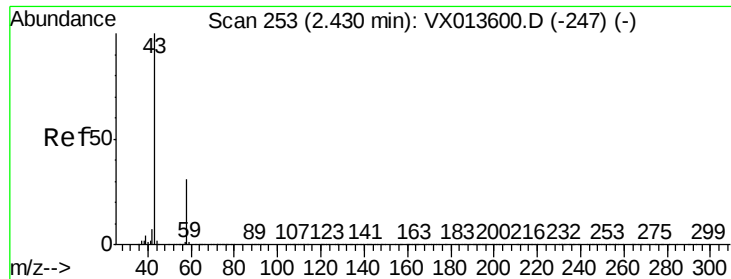
4000

2000

0

Time-->

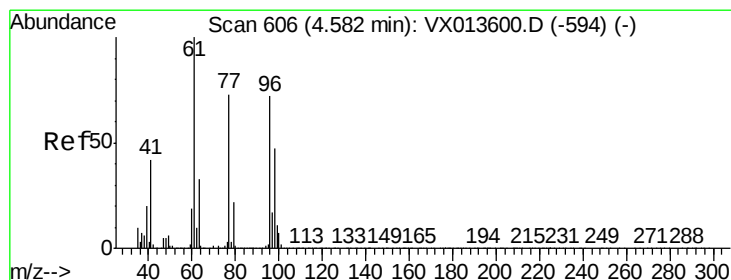
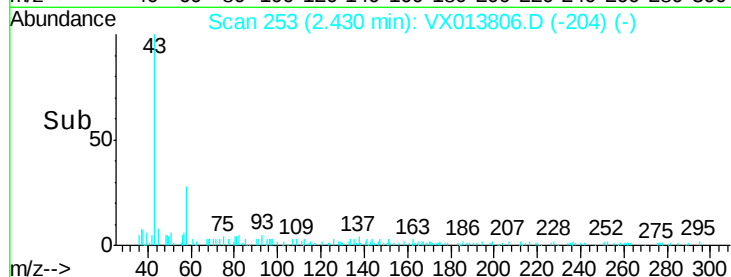
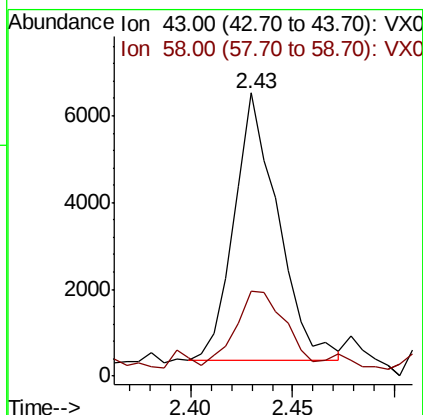
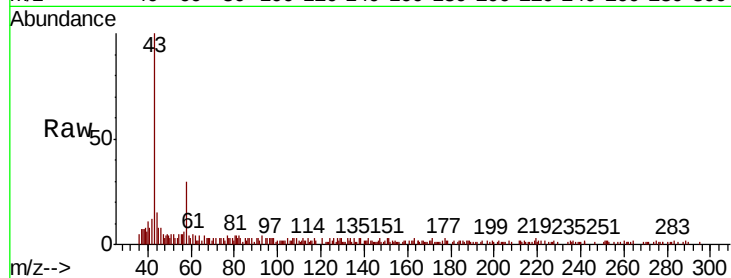




#16
Acetone
Concen: 2.517 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013806.D
Acq: 06 Dec 2019 17:49

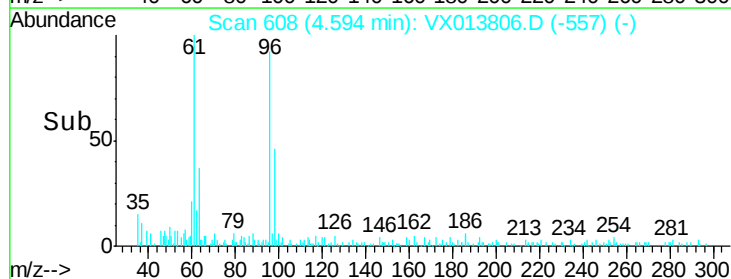
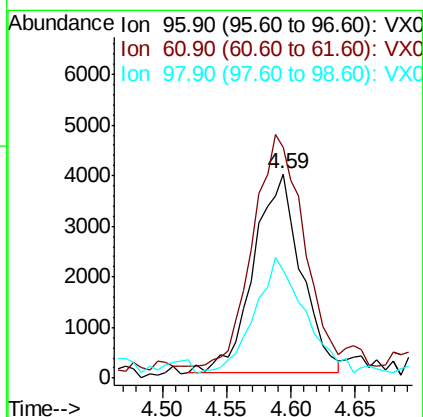
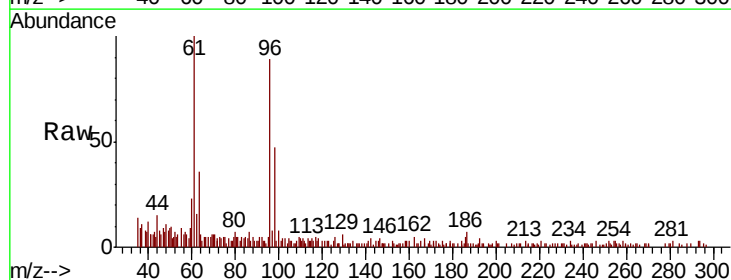
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20191203

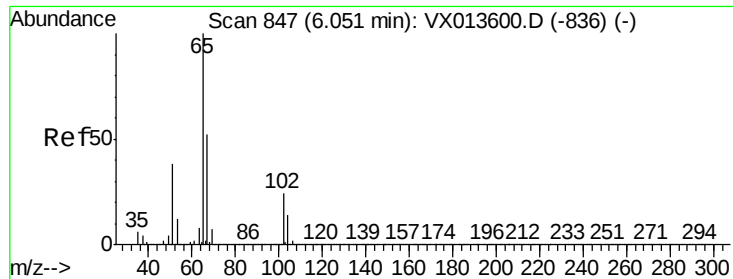
Tot Ion: 43 Resp: 9208
Ion Ratio Lower Upper
43 100
58 24.9 24.6 36.8



#27
cis-1,2-Dichloroethene
Concen: 1.330 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013806.D
Acq: 06 Dec 2019 17:49

Tgt Ion: 96 Resp: 10108
Ion Ratio Lower Upper
96 100
61 122.1 0.0 286.4
98 60.7 0.0 127.4





#33

1,2-Dichloroethane-d4

Concen: 47.515 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013806.D

Acq: 06 Dec 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

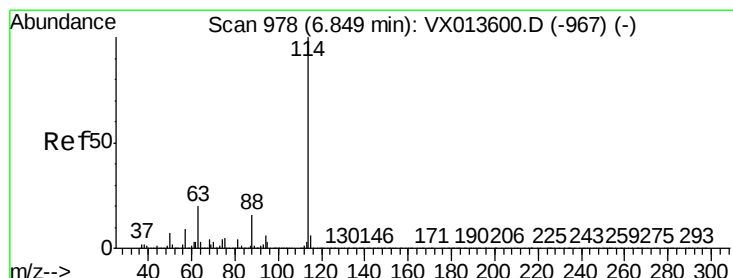
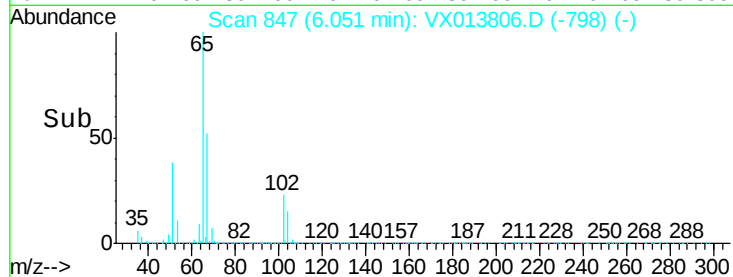
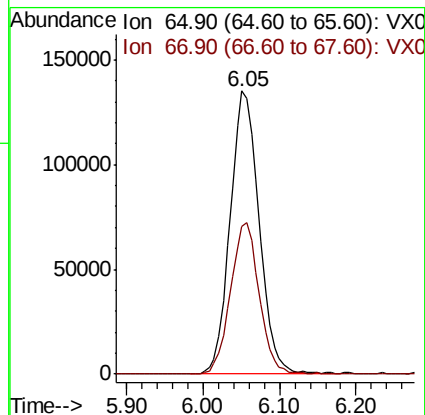
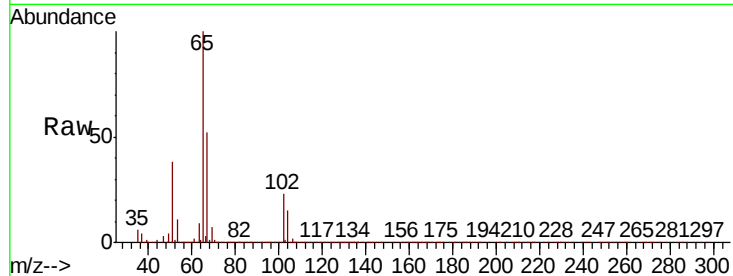
RE122D1-20191203

Tot Ion: 65 Resp: 352099

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: VX013806.D

Acq: 06 Dec 2019 17:49

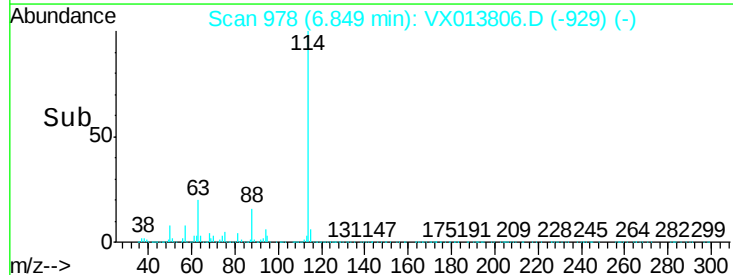
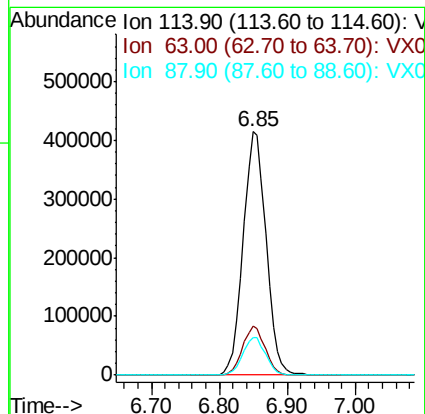
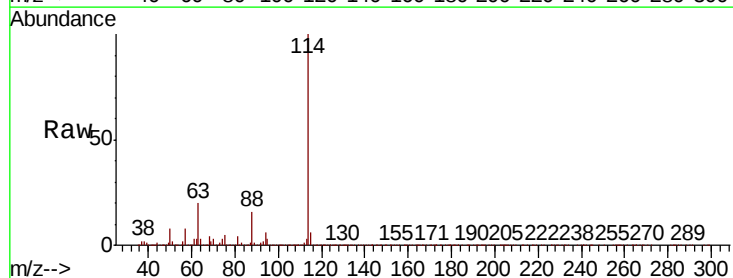
Tgt Ion: 114 Resp: 973798

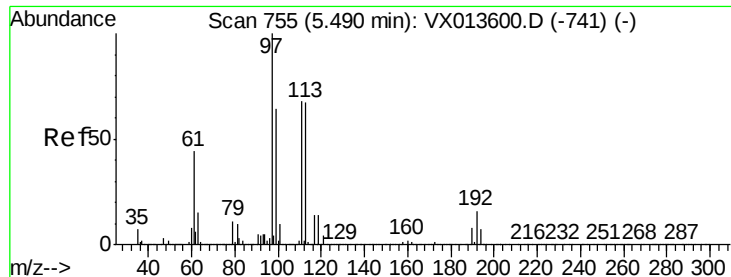
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.287 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013806.D

Acq: 06 Dec 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20191203

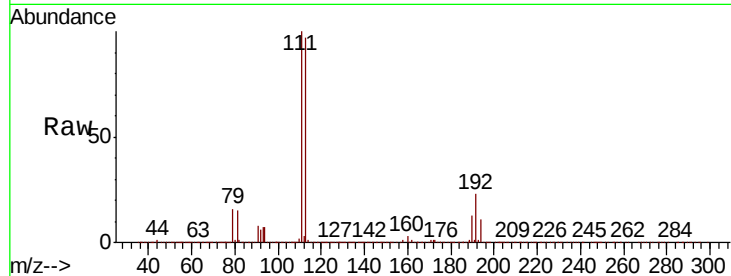
Tot Ion:113 Resp: 290695

Ion Ratio Lower Upper

113 100

111 101.8 83.6 125.4

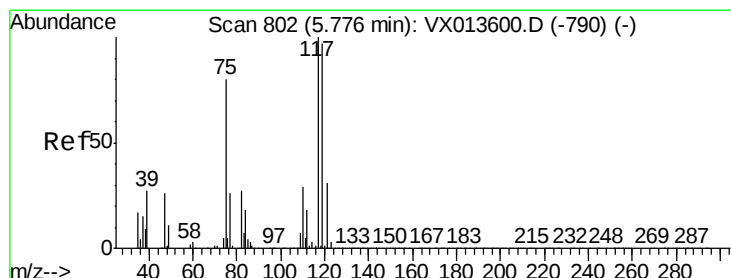
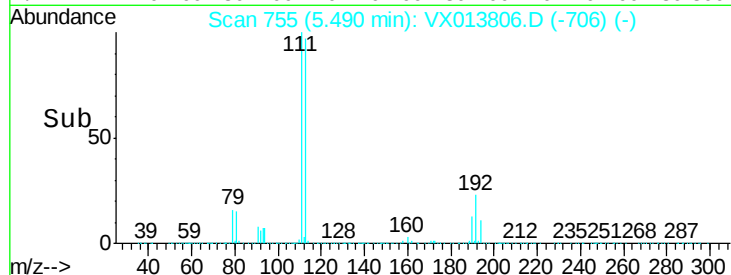
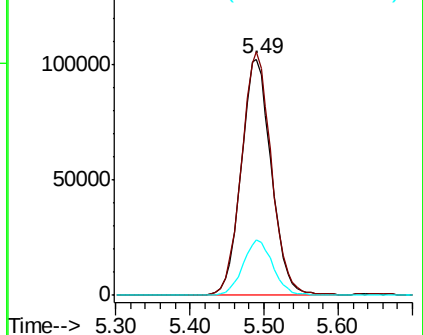
192 23.1 19.2 28.8



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



#38

Carbon Tetrachloride

Concen: 0.311 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX013806.D

Acq: 06 Dec 2019 17:49

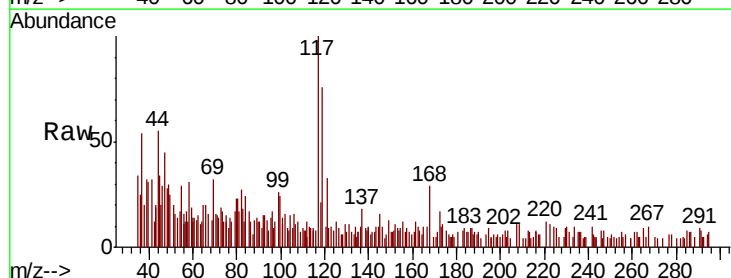
Tgt Ion:117 Resp: 2531

Ion Ratio Lower Upper

117 100

119 47.4 77.5 116.3#

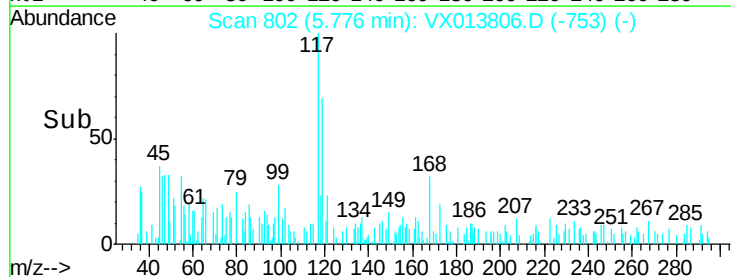
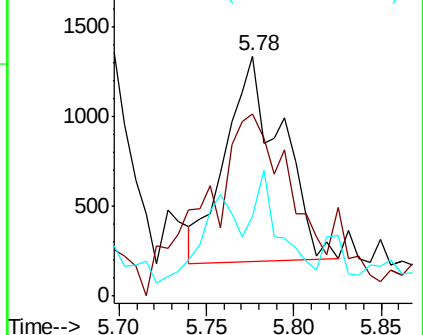
121 21.6 25.0 37.6#

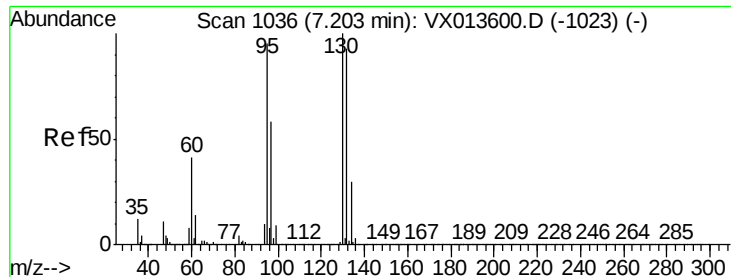


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 369.353 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013806.D

Acq: 06 Dec 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

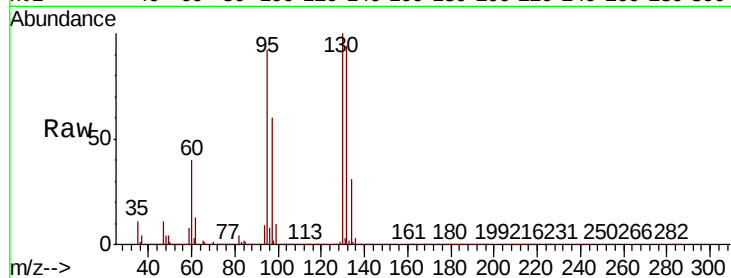
RE122D1-20191203

Tot Ion:130 Resp: 2729088

Ion Ratio Lower Upper

130 100

95 92.1 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

1500000 Ion 94.90 (94.60 to 95.60): VX0

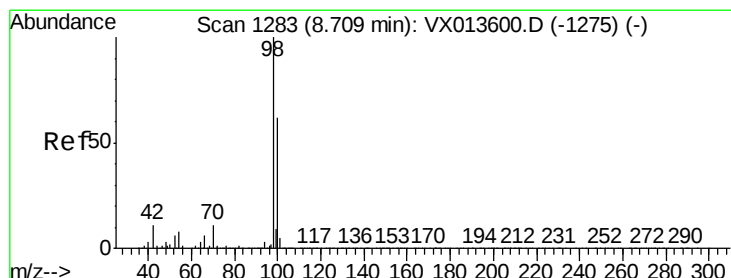
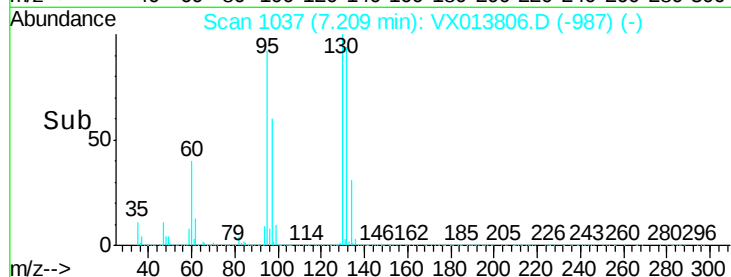
7.21

1000000

500000

0

Time-->



#50

Toluene-d8

Concen: 48.378 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013806.D

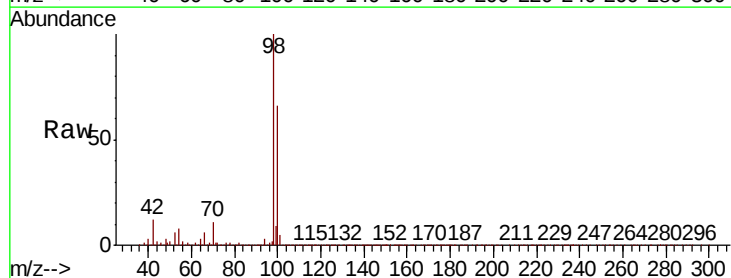
Acq: 06 Dec 2019 17:49

Tgt Ion: 98 Resp: 1134707

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

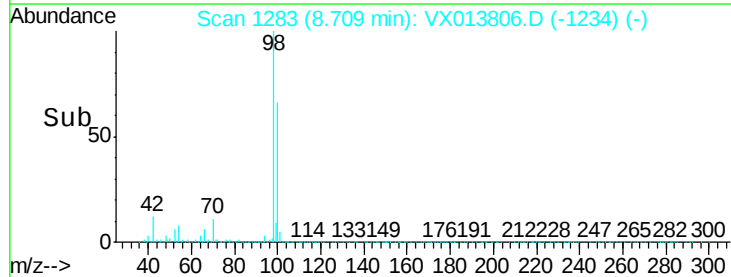
600000

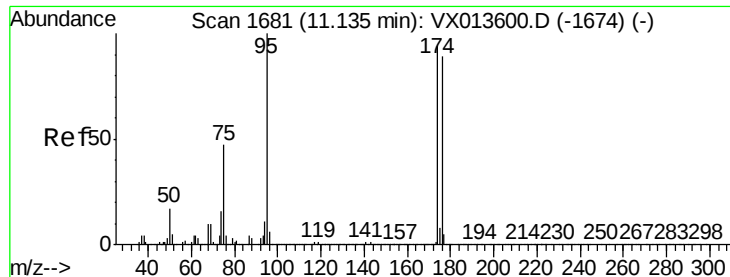
400000

200000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 44.257 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013806.D

Acq: 06 Dec 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20191203

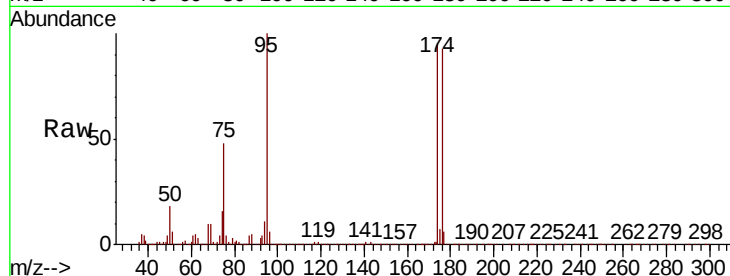
Tot Ion: 95 Resp: 374326

Ion Ratio Lower Upper

95 100

174 90.9 0.0 180.0

176 88.8 0.0 173.6

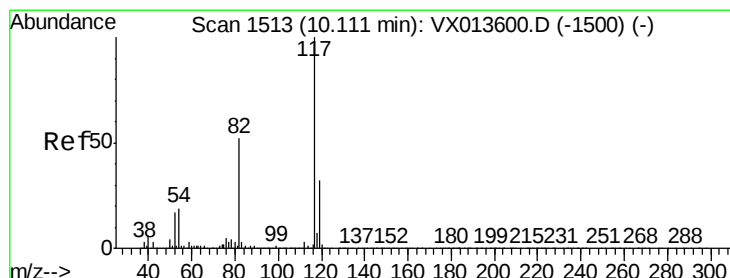
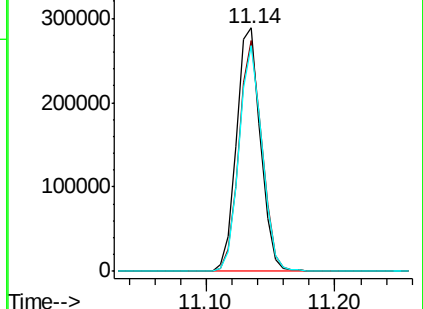
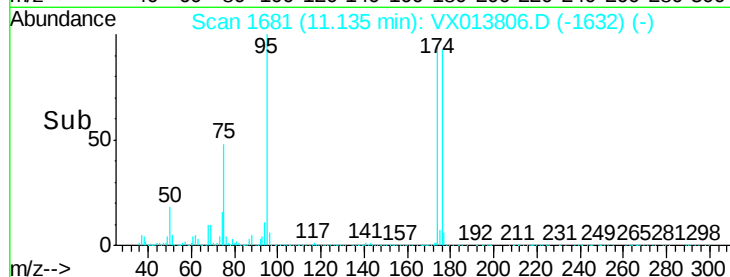


Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013806.D

Acq: 06 Dec 2019 17:49

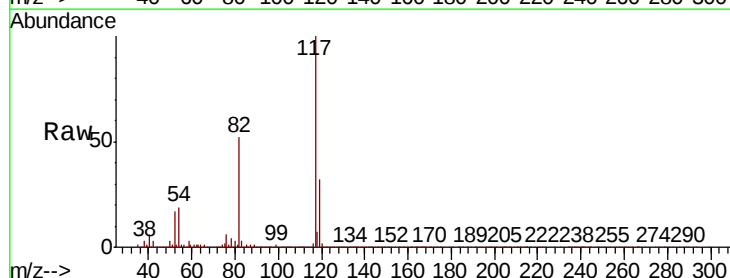
Tgt Ion: 117 Resp: 870783

Ion Ratio Lower Upper

117 100

82 51.9 41.8 62.8

119 31.7 25.8 38.8

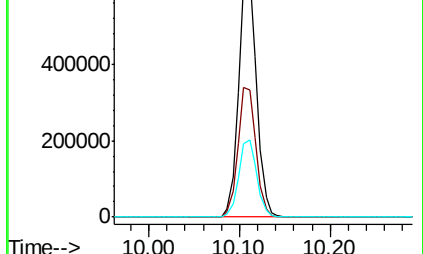
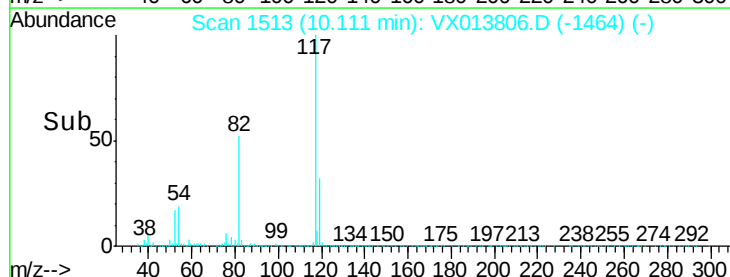


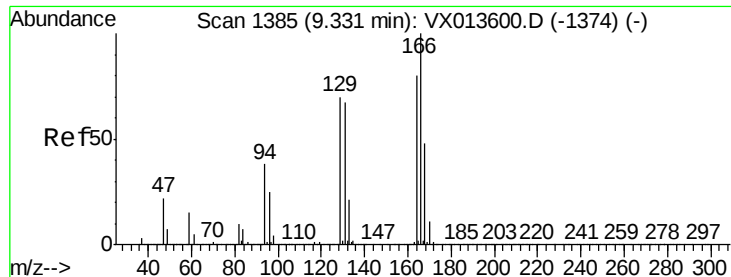
Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)

Time-->





#64

Tetrachloroethene

Concen: 1.897 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013806.D

Acq: 06 Dec 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20191203

Tot Ion:164 Resp: 12321

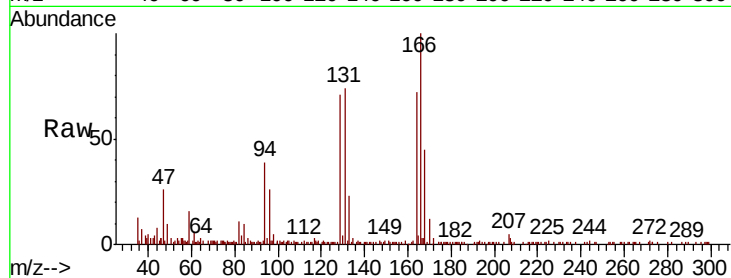
Ion Ratio Lower Upper

164 100

166 137.7 99.7 149.5

129 96.8 70.1 105.1

131 100.7 66.9 100.3#

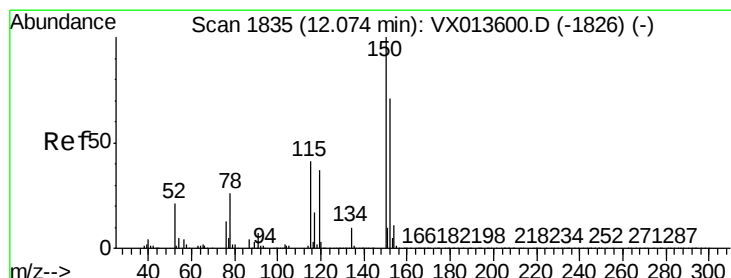
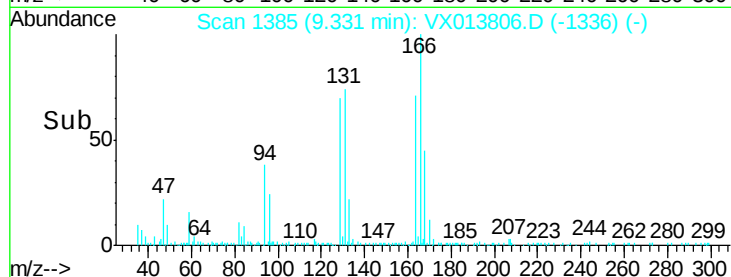
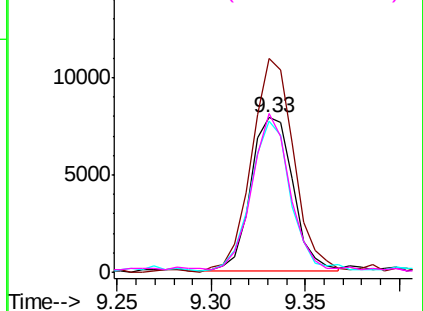


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX013806.D

Acq: 06 Dec 2019 17:49

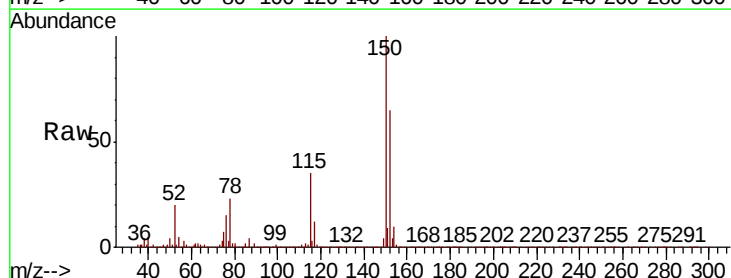
Tgt Ion:152 Resp: 374211

Ion Ratio Lower Upper

152 100

115 54.7 38.4 115.1

150 155.8 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

