

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019779.D
 Acq On : 09 Dec 2020 15:24
 Operator : JC/MD
 Sample : L4971-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5S1-A-TOP

Quant Time: Dec 10 06:08:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	338559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	556167	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	518122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	209711	47.13	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.26%		
35) Dibromofluoromethane	5.46	113	169929	47.28	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.56%		
50) Toluene-d8	8.70	98	678087	49.41	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.82%		
62) 4-Bromofluorobenzene	11.12	95	239944	45.94	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.88%		

Target Compounds

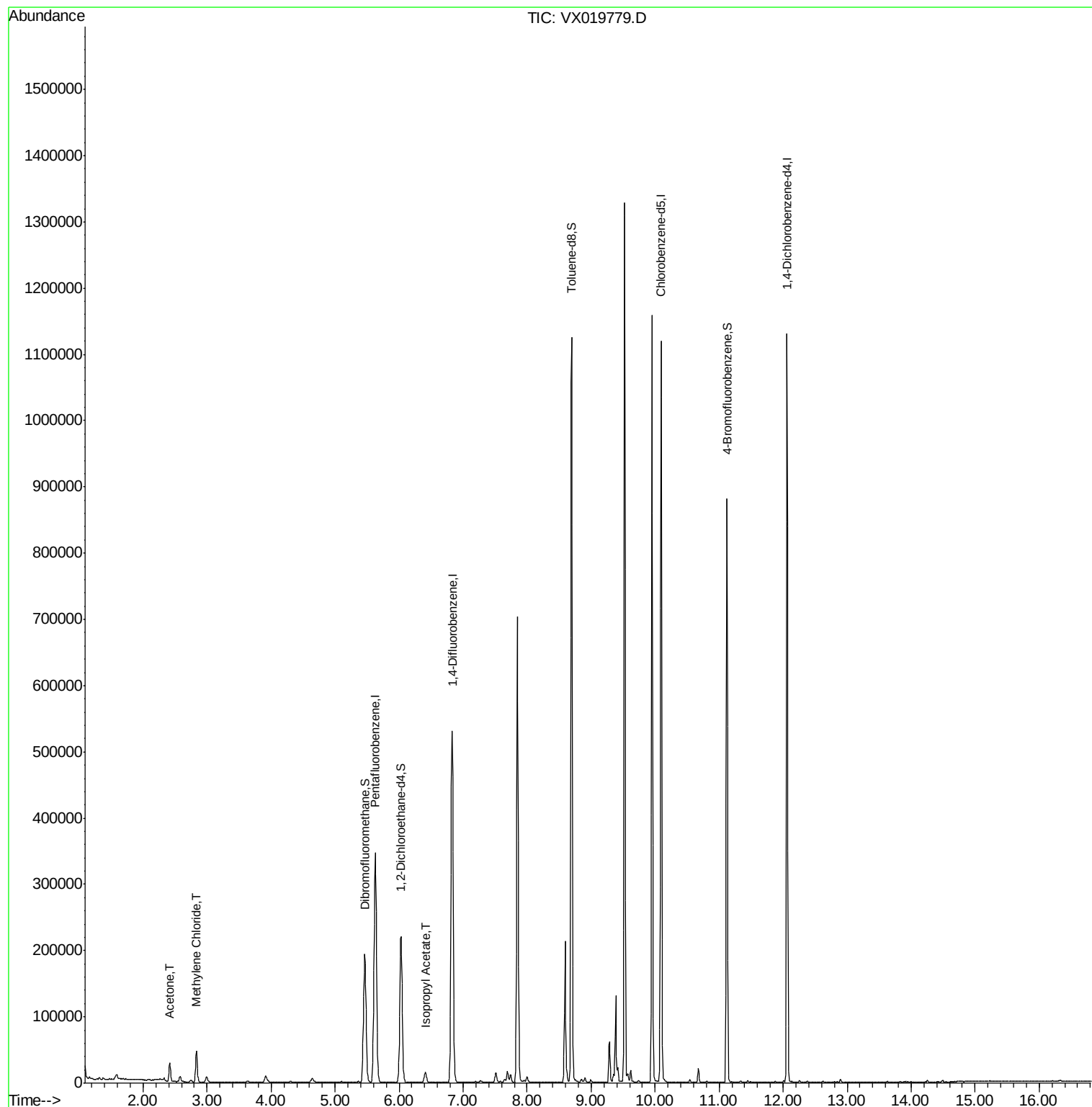
					Qvalue
16) Acetone	2.42	43	28597	17.098	ug/l 98
20) Methylene Chloride	2.84	84	22998	4.736	ug/l 99
43) Isopropyl Acetate	6.41	43	20343	2.466	ug/l 98

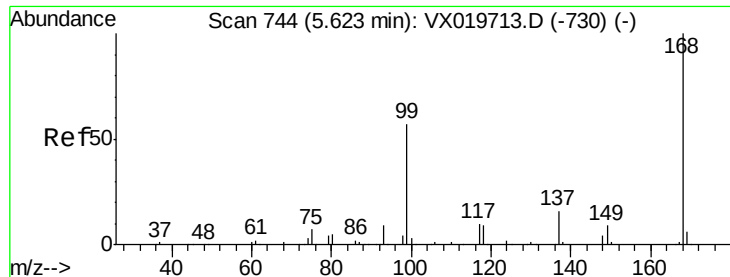
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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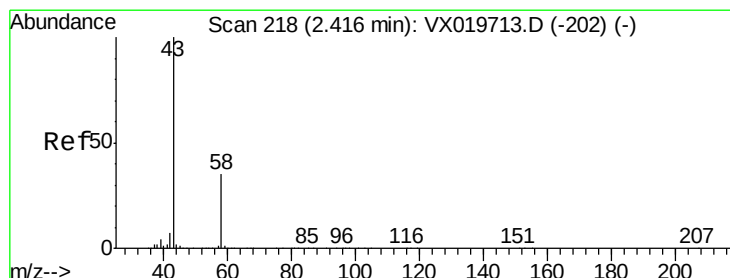
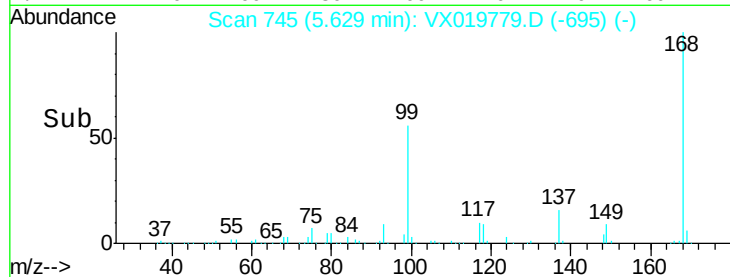
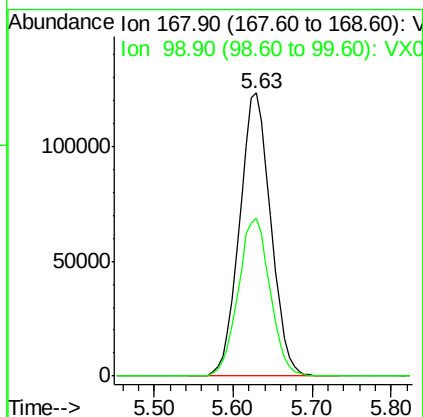
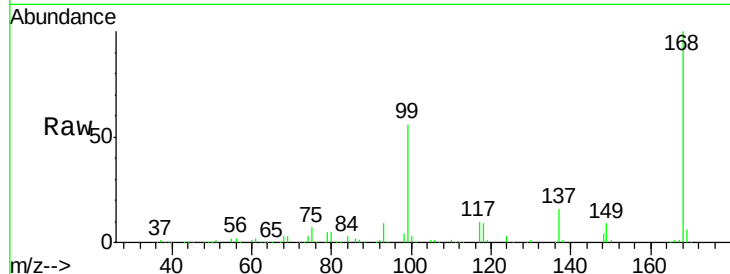




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019779.D
Acq: 09 Dec 2020 15:24

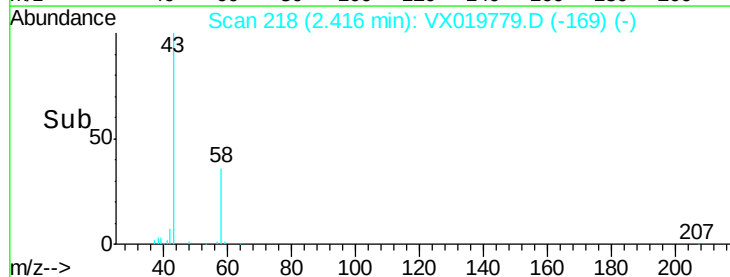
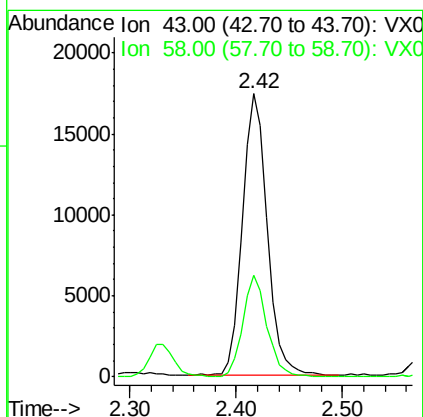
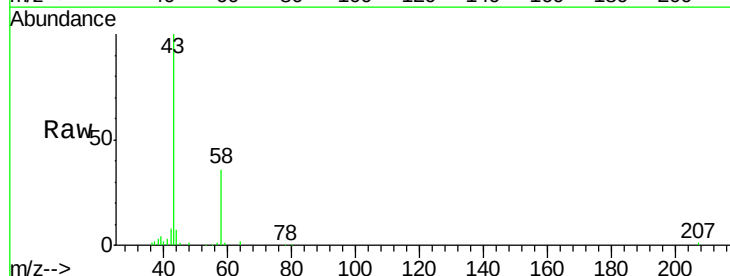
Instrument :
MSVOA_X
ClientSampled :
5S1-A-TOP

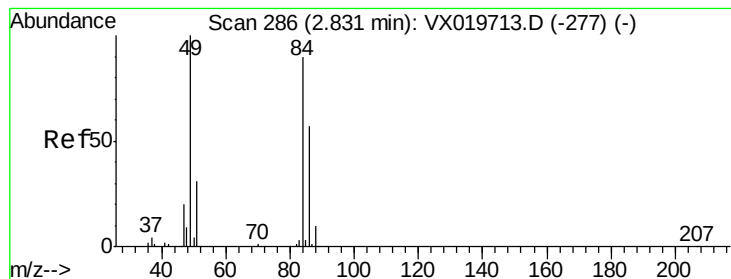
Tot Ion:168 Resp: 338559
Ion Ratio Lower Upper
168 100
99 55.7 45.8 68.6



#16
Acetone
Concen: 17.098 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019779.D
Acq: 09 Dec 2020 15:24

Tgt Ion: 43 Resp: 28597
Ion Ratio Lower Upper
43 100
58 36.2 27.8 41.8





#20

Methylene Chloride

Concen: 4.736 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX019779.D

Acq: 09 Dec 2020 15:24

Instrument :

MSVOA_X

ClientSampled :

5S1-A-TOP

Tot Ion: 84 Resp: 22998

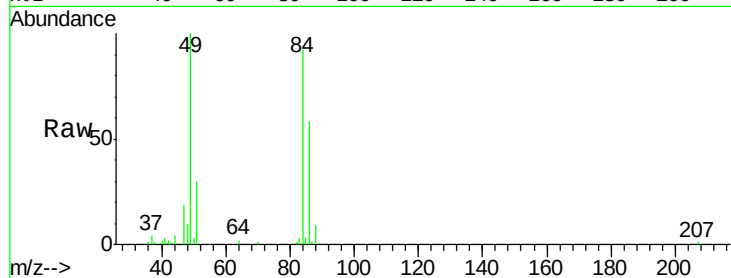
Ion Ratio Lower Upper

84 100

49 109.2 88.6 132.8

51 32.5 27.0 40.6

86 63.3 50.3 75.5

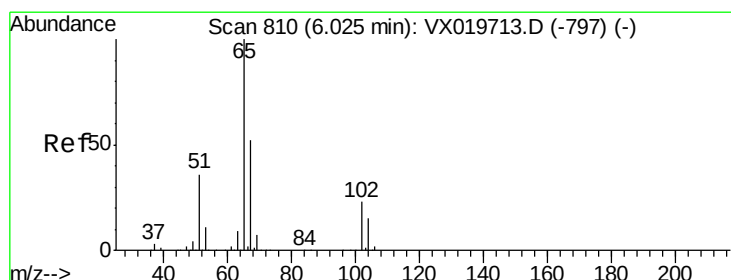
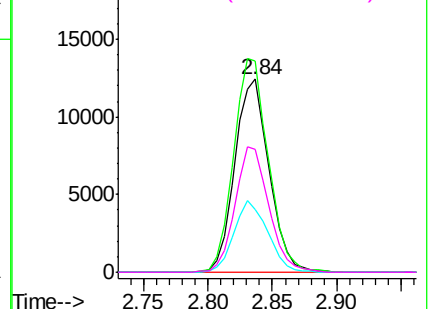
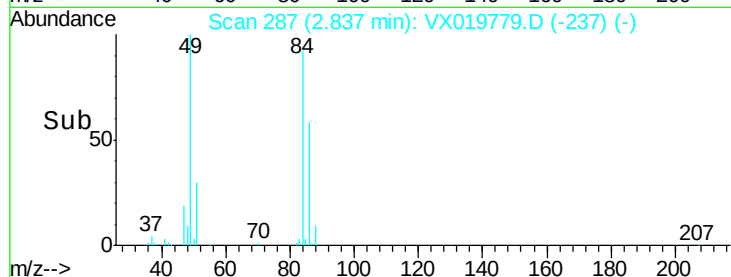


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.130 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019779.D

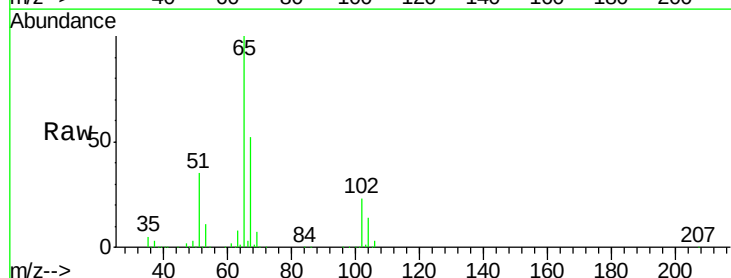
Acq: 09 Dec 2020 15:24

Tgt Ion: 65 Resp: 209711

Ion Ratio Lower Upper

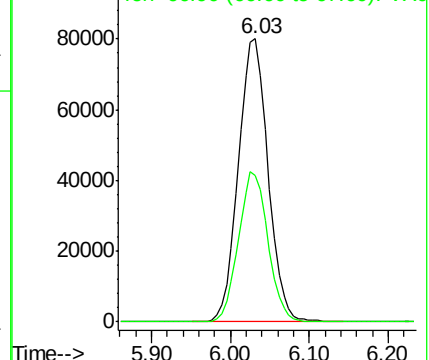
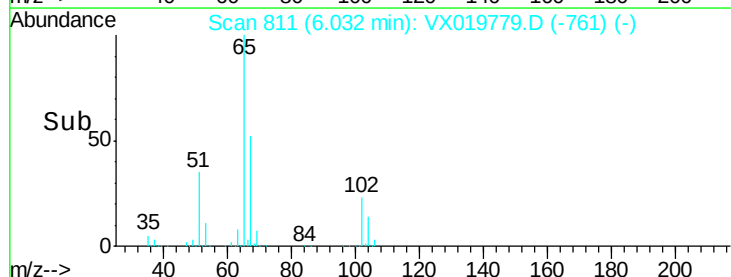
65 100

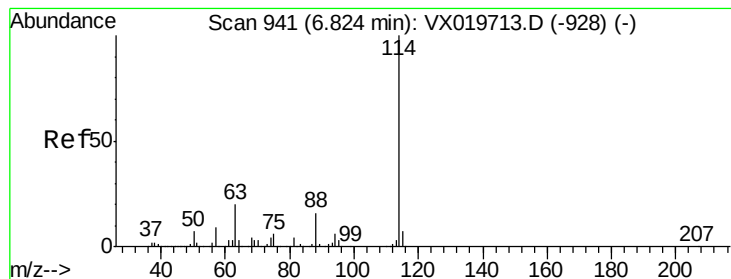
67 52.9 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019779.D

Acq: 09 Dec 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

5S1-A-TOP

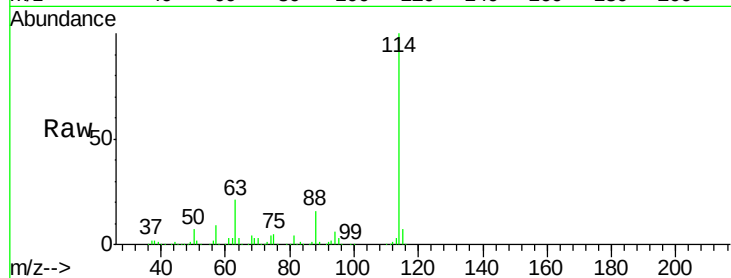
Tot Ion:114 Resp: 556167

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

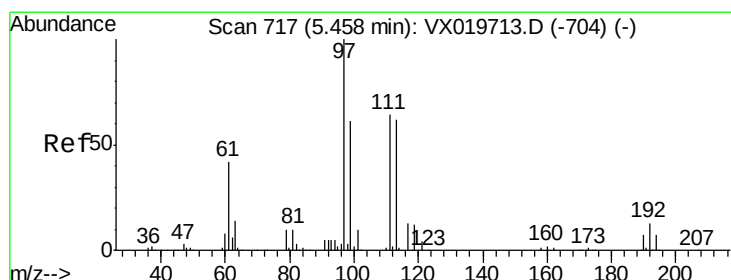
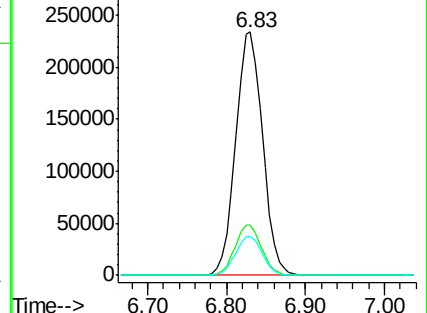
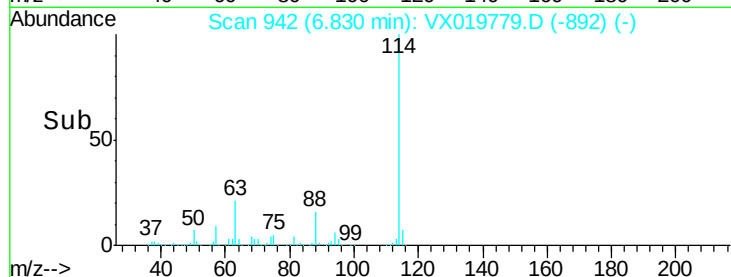
88 16.1 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.276 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019779.D

Acq: 09 Dec 2020 15:24

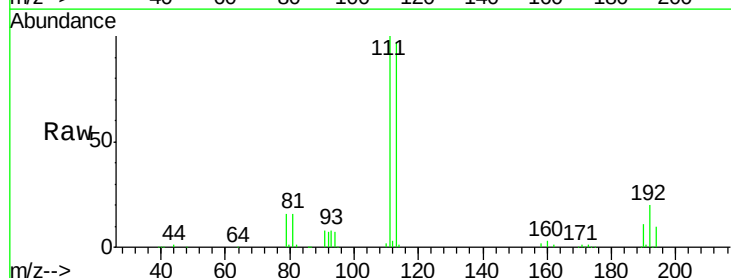
Tgt Ion:113 Resp: 169929

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

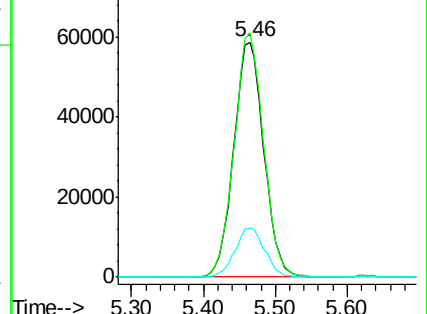
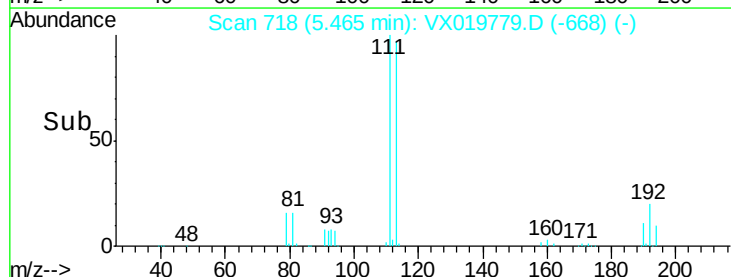
192 20.8 16.7 25.1

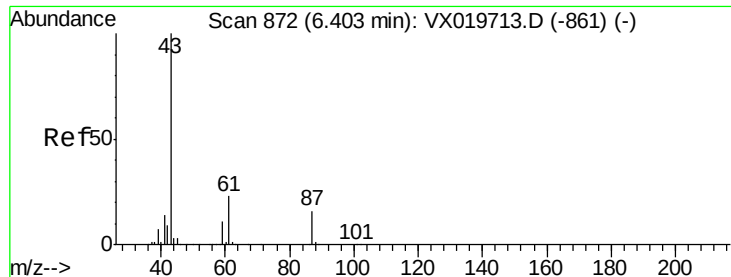


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.466 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019779.D

Acq: 09 Dec 2020 15:24

Instrument :

MSVOA_X

ClientSampled :

5S1-A-TOP

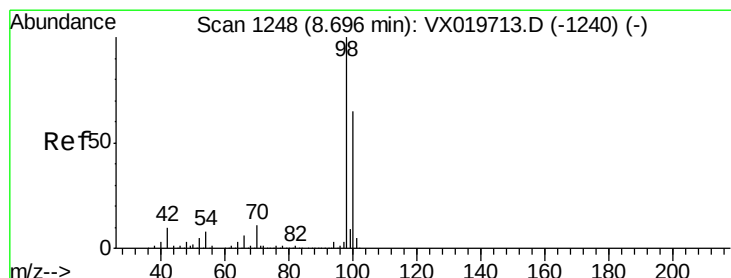
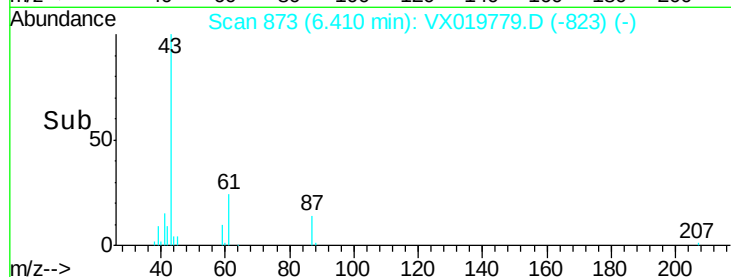
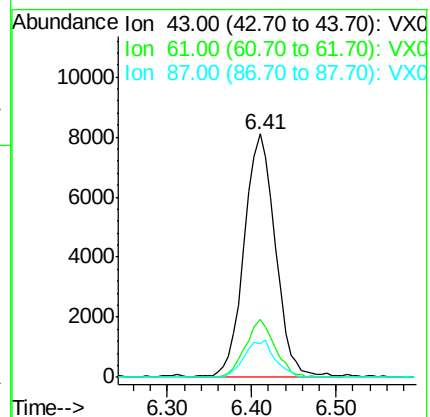
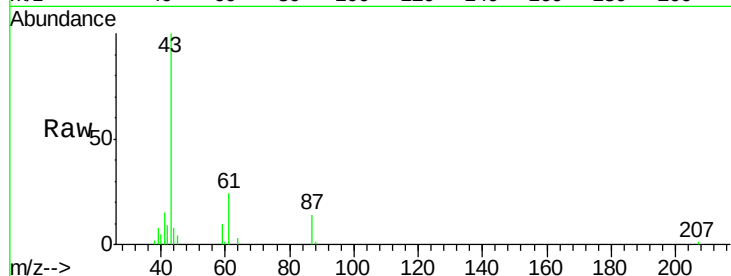
Tot Ion: 43 Resp: 20343

Ion Ratio Lower Upper

43 100

61 22.2 18.2 27.4

87 14.8 12.5 18.7



#50

Toluene-d8

Concen: 49.414 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019779.D

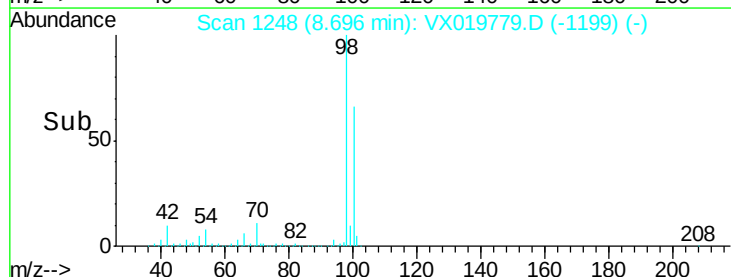
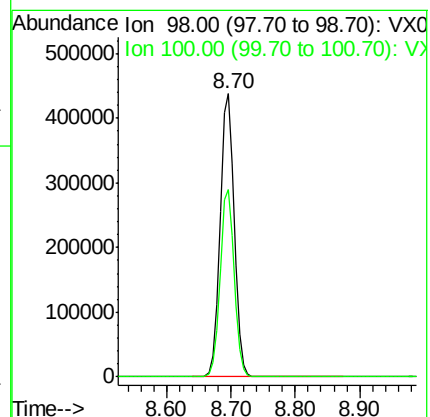
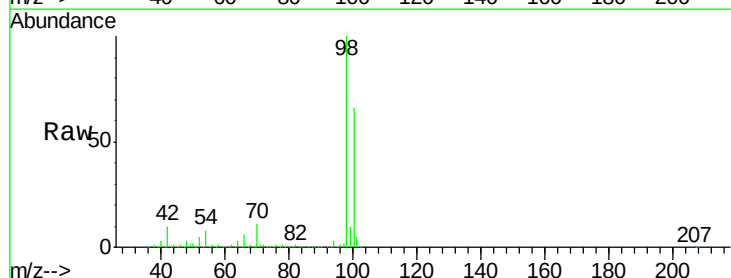
Acq: 09 Dec 2020 15:24

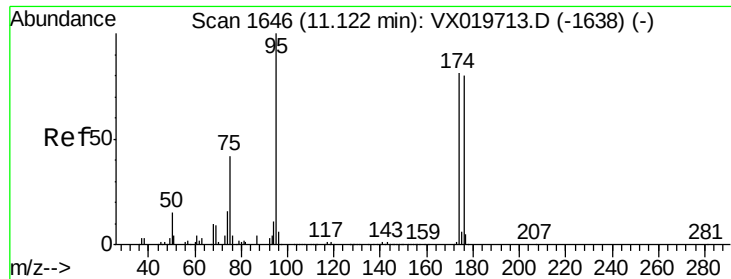
Tgt Ion: 98 Resp: 678087

Ion Ratio Lower Upper

98 100

100 65.9 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 45.940 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019779.D

Acq: 09 Dec 2020 15:24

Instrument :

MSVOA_X

ClientSampled :

5S1-A-TOP

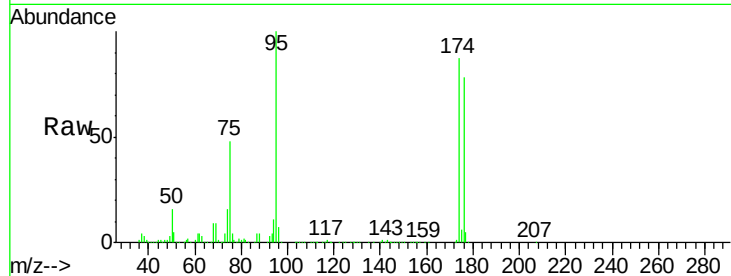
Tot Ion: 95 Resp: 239944

Ion Ratio Lower Upper

95 100

174 79.5 0.0 154.6

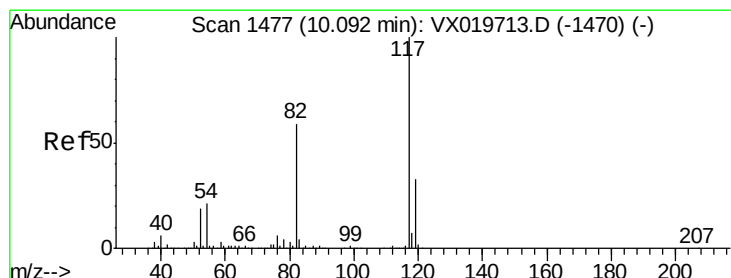
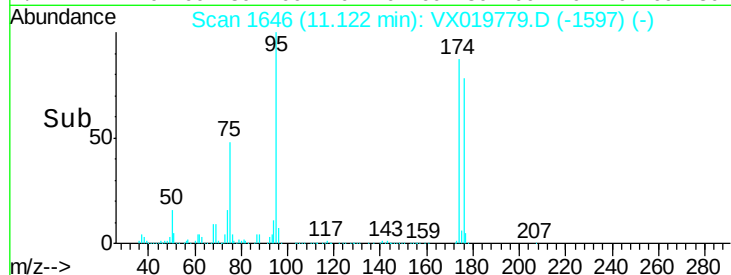
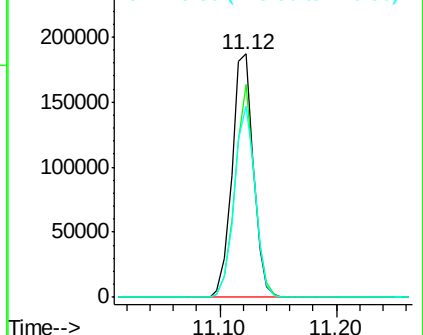
176 76.5 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX019779.D

Acq: 09 Dec 2020 15:24

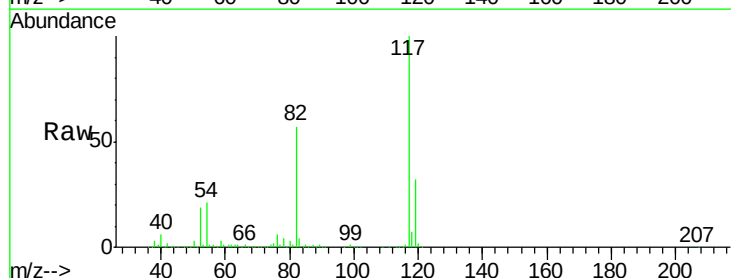
Tgt Ion: 117 Resp: 518122

Ion Ratio Lower Upper

117 100

82 56.7 47.4 71.2

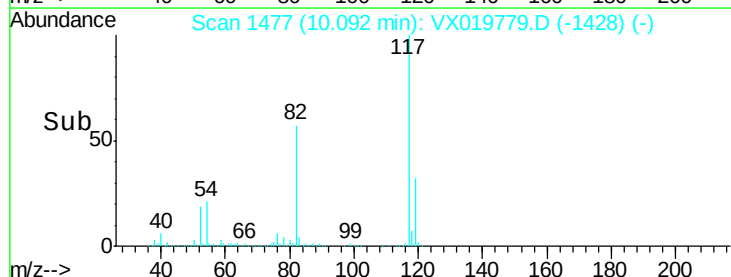
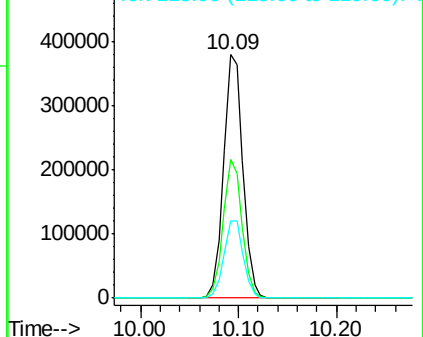
119 31.9 26.6 39.8

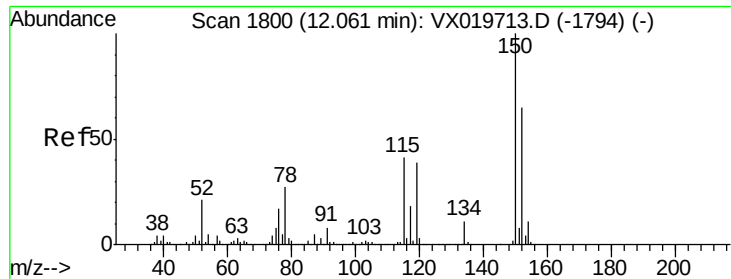


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019779.D

Acq: 09 Dec 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

5S1-A-TOP

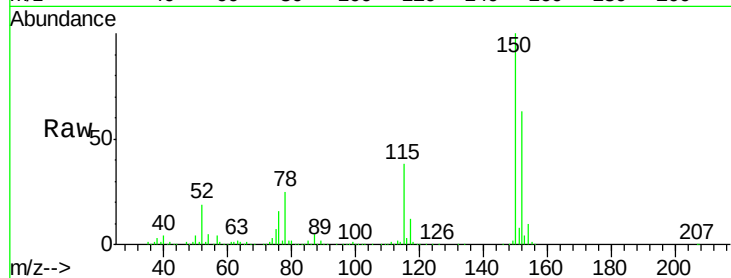
Tot Ion:152 Resp: 229844

Ion Ratio Lower Upper

152 100

115 59.4 41.1 123.3

150 156.0 0.0 349.0



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

