

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019777.D
 Acq On : 09 Dec 2020 14:38
 Operator : JC/MD
 Sample : L4970-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 4S1-D-TOP

Quant Time: Dec 10 06:05:05 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	327498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	539875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	484240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	202167	46.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.94%		
35) Dibromofluoromethane	5.46	113	164783	47.23	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.46%		
50) Toluene-d8	8.70	98	651063	48.88	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.76%		
62) 4-Bromofluorobenzene	11.12	95	224194	44.22	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.44%		

Target Compounds

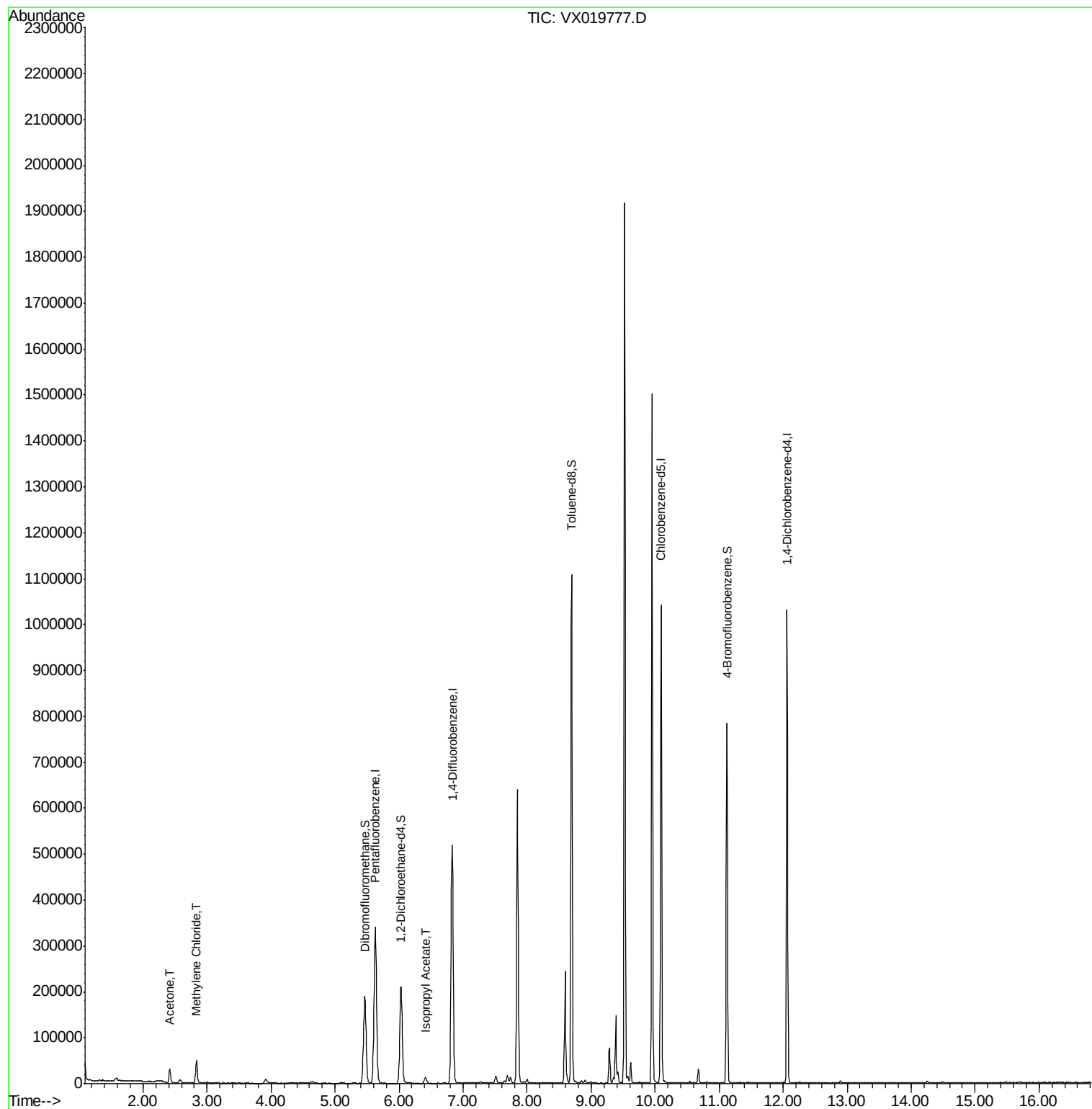
					Qvalue
16) Acetone	2.42	43	30053	18.576	ug/l 97
20) Methylene Chloride	2.83	84	24007	5.226	ug/l 99
43) Isopropyl Acetate	6.41	43	16478	2.058	ug/l 98

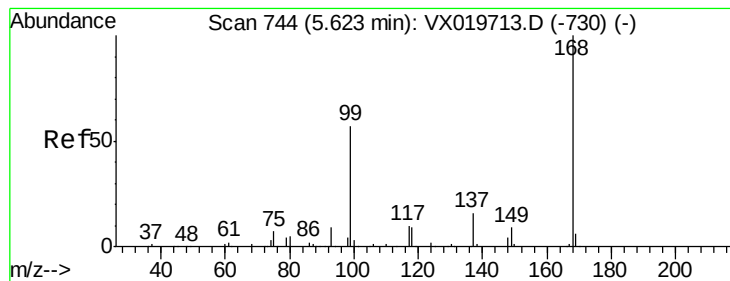
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019777.D

Acq: 09 Dec 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

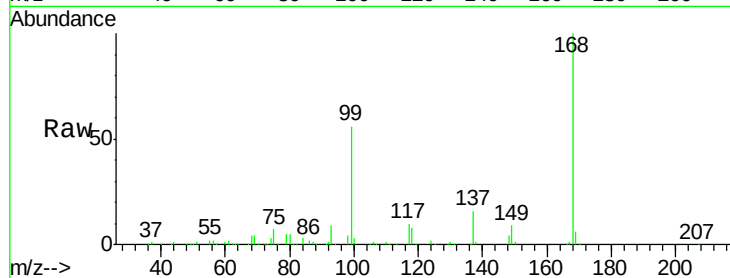
4S1-D-TOP

Tot Ion:168 Resp: 327498

Ion Ratio Lower Upper

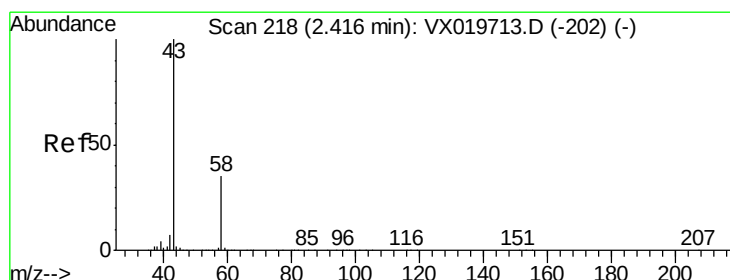
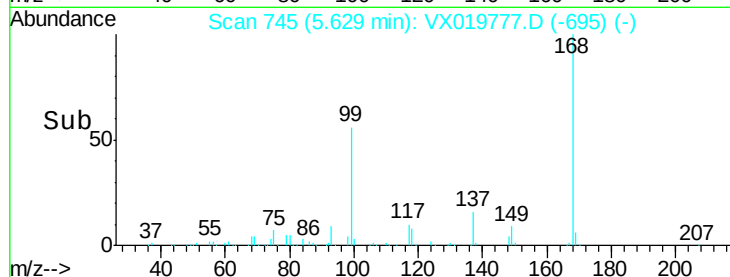
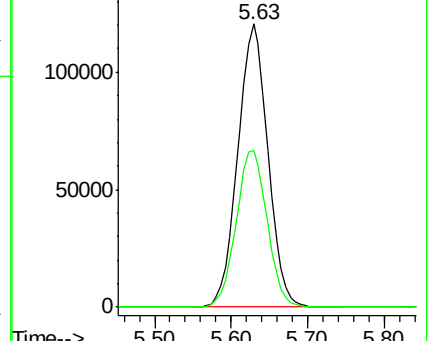
168 100

99 55.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 18.576 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019777.D

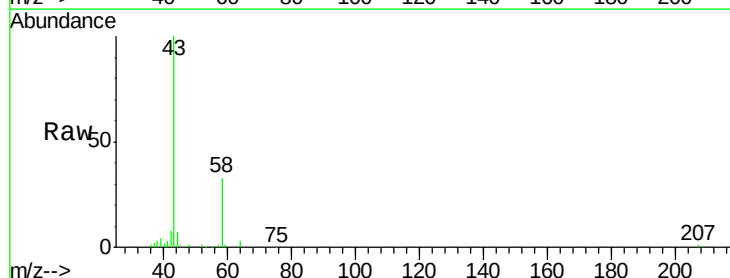
Acq: 09 Dec 2020 14:38

Tgt Ion: 43 Resp: 30053

Ion Ratio Lower Upper

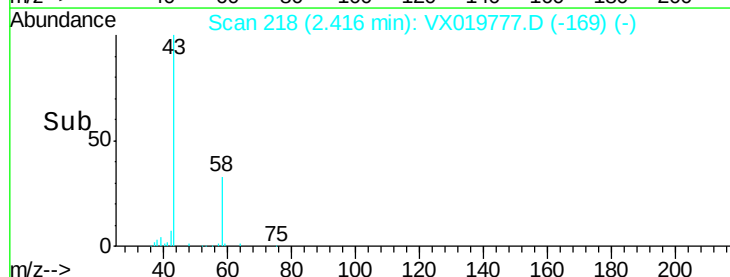
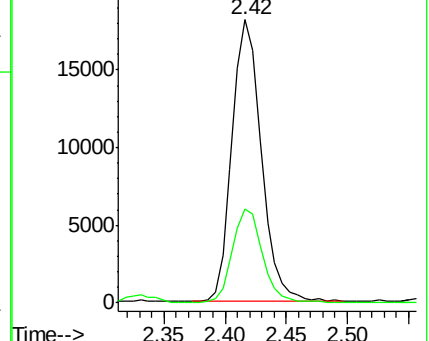
43 100

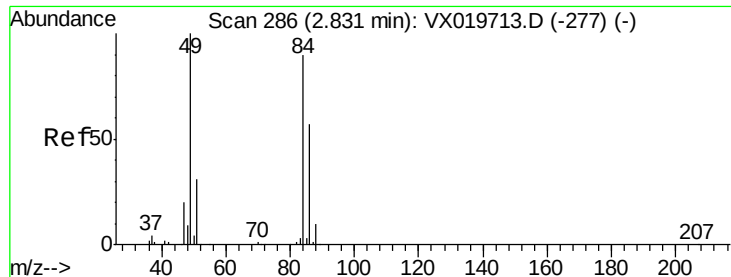
58 33.2 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

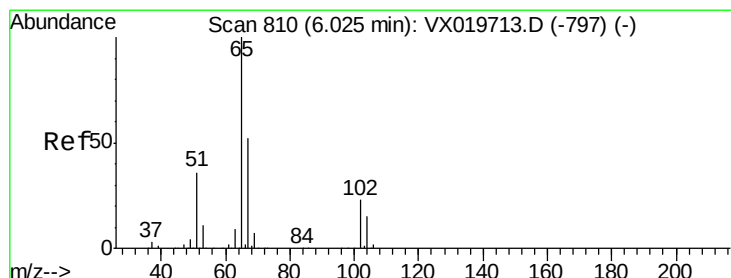
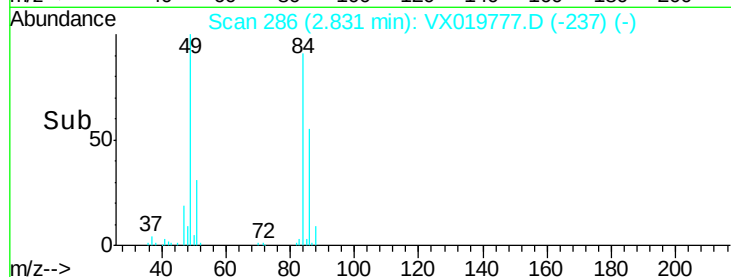
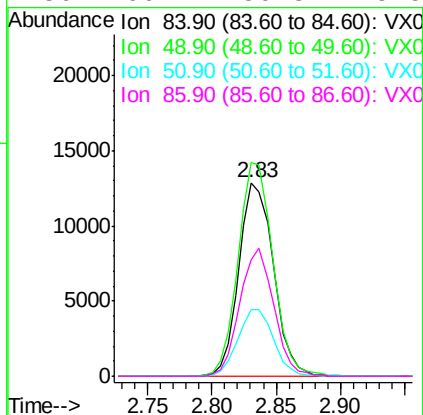
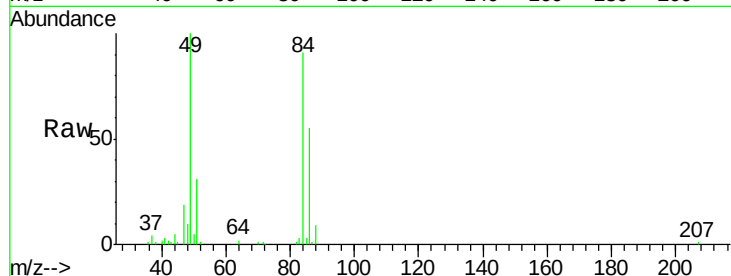




#20
Methylene Chloride
Concen: 5.226 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019777.D
Acq: 09 Dec 2020 14:38

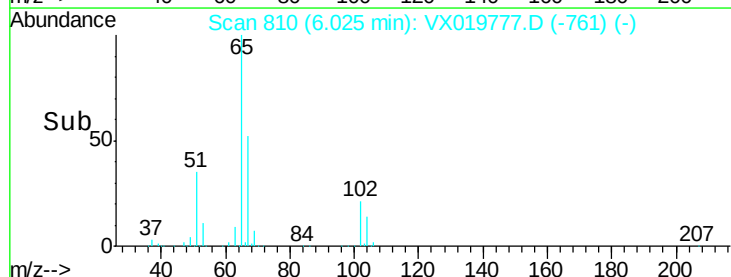
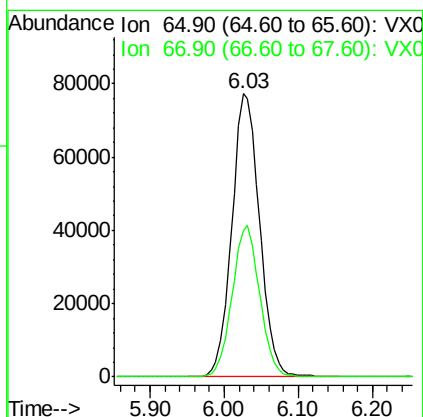
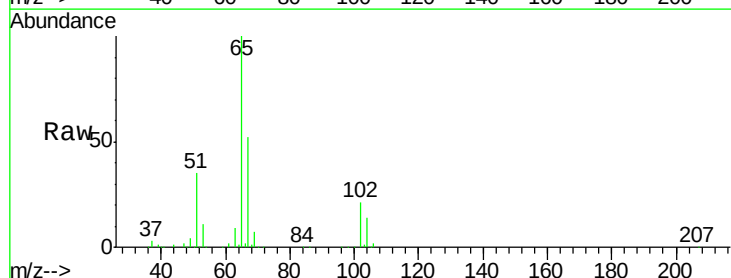
Instrument :
MSVOA_X
ClientSampled :
4S1-D-TOP

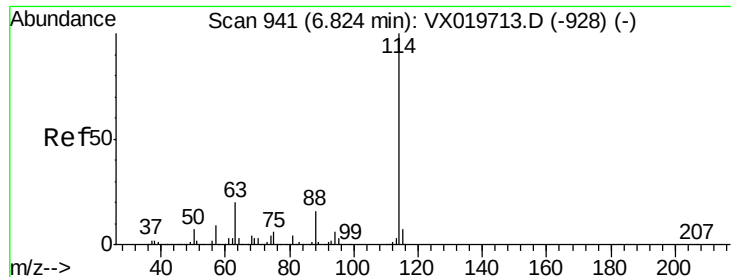
Tot Ion:	84	Resp:	24007
Ion	Ratio	Lower	Upper
84	100		
49	110.5	88.6	132.8
51	34.8	27.0	40.6
86	60.4	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 46.969 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019777.D
Acq: 09 Dec 2020 14:38

Tgt Ion:	65	Resp:	202167
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019777.D

Acq: 09 Dec 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

4S1-D-TOP

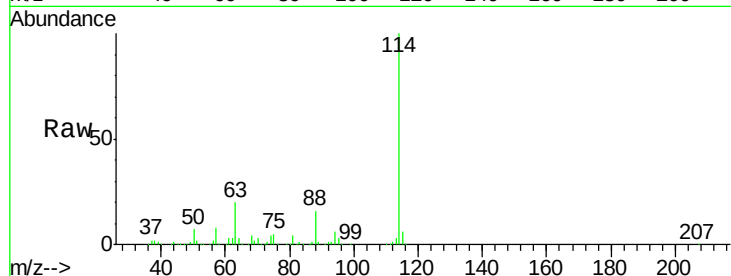
Tot Ion:114 Resp: 539875

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

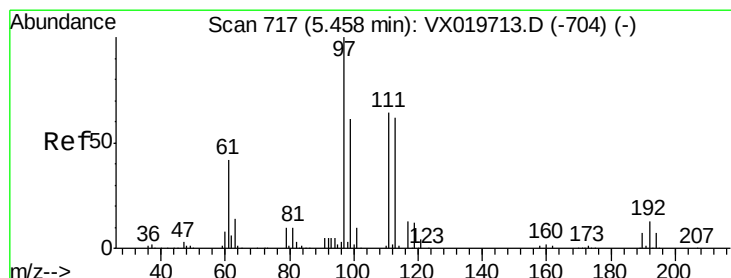
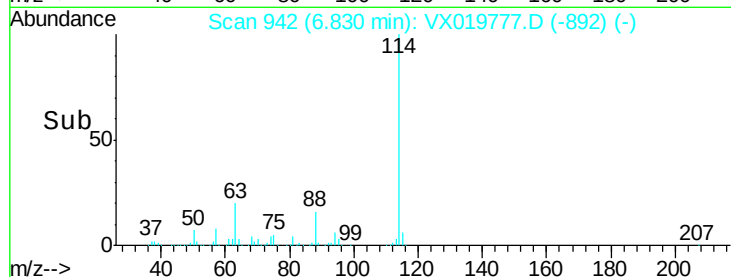
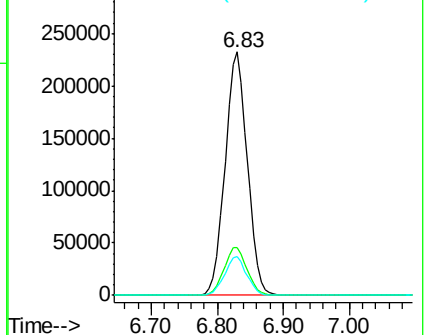
88 15.9 0.0 32.8



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: 47.228 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019777.D

Acq: 09 Dec 2020 14:38

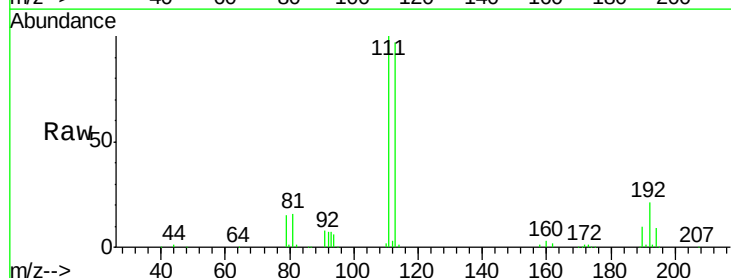
Tgt Ion:113 Resp: 164783

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

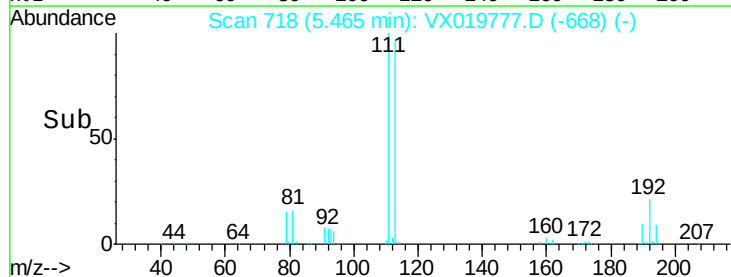
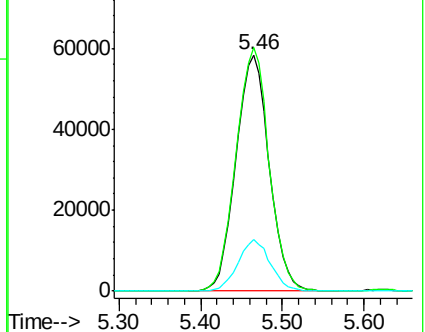
192 21.2 16.7 25.1

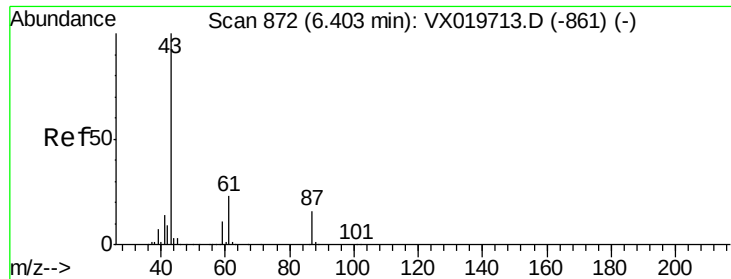


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.058 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019777.D

Acq: 09 Dec 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

4S1-D-TOP

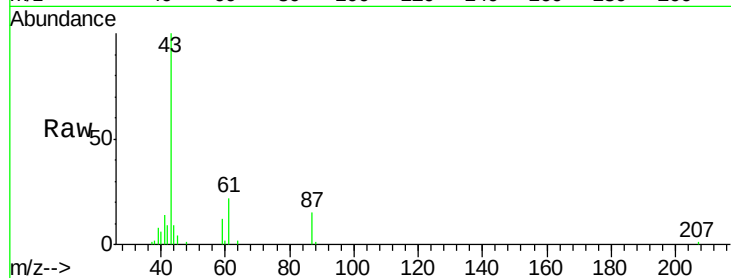
Tot Ion: 43 Resp: 16478

Ion Ratio Lower Upper

43 100

61 21.8 18.2 27.4

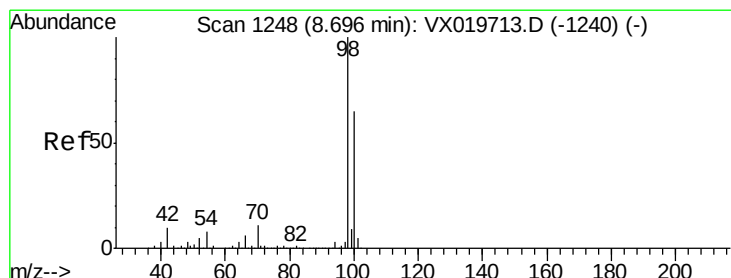
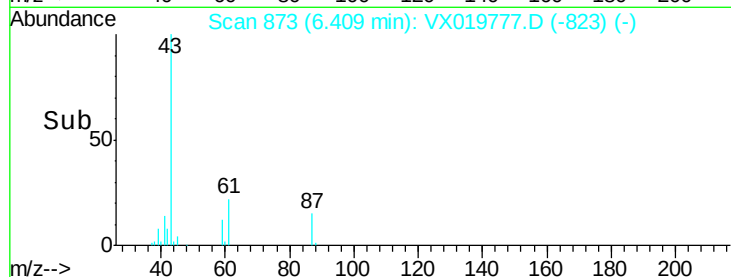
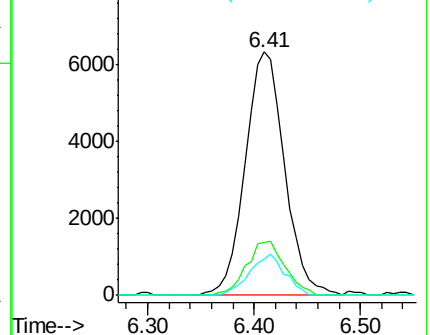
87 15.3 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 48.876 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019777.D

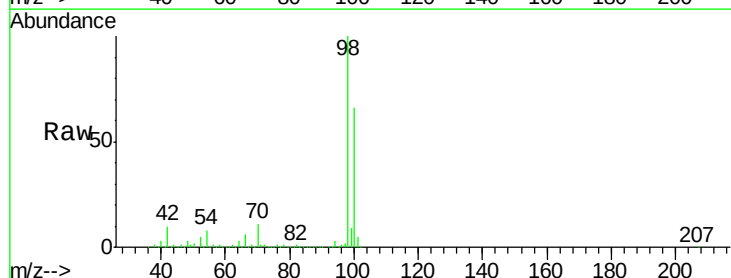
Acq: 09 Dec 2020 14:38

Tgt Ion: 98 Resp: 651063

Ion Ratio Lower Upper

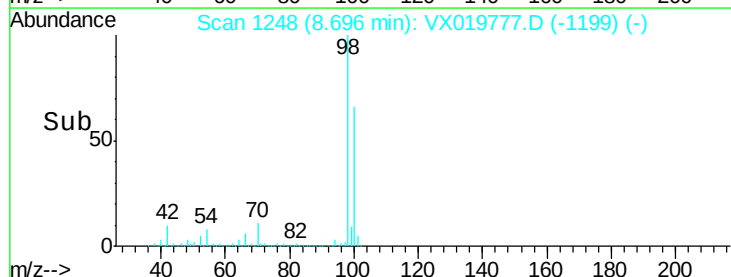
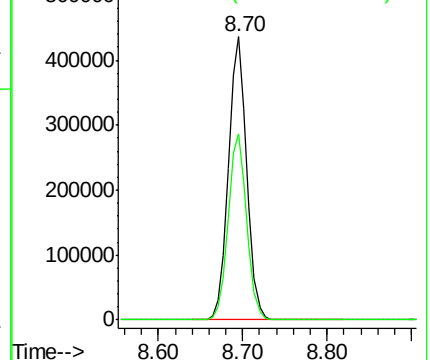
98 100

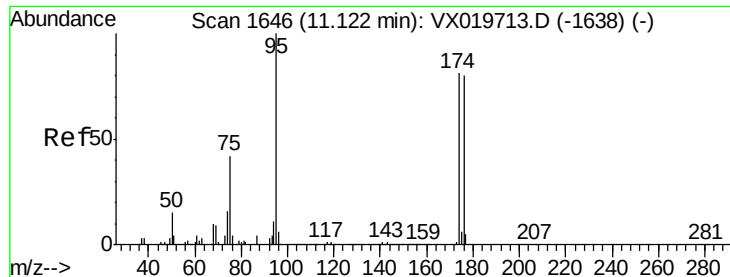
100 66.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

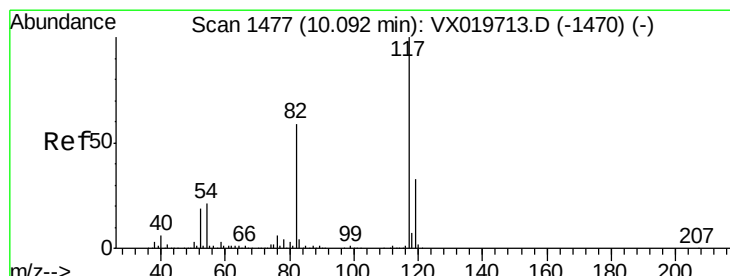
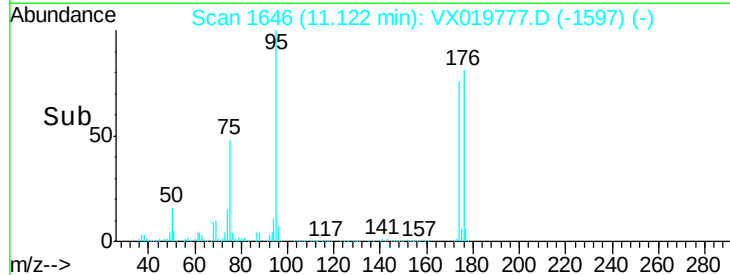
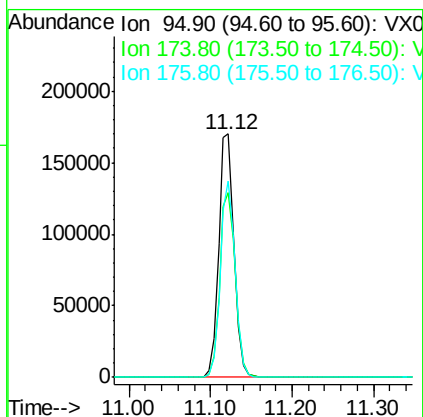
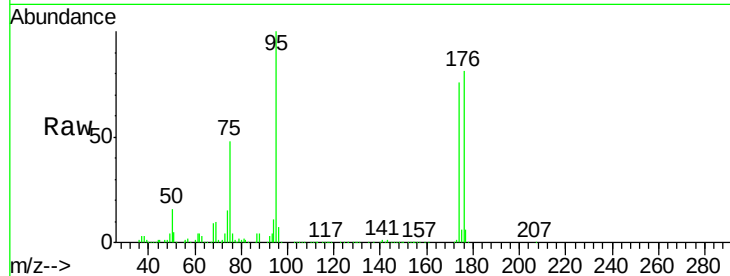




#62
4-Bromofluorobenzene
Concen: 44.220 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019777.D
Acq: 09 Dec 2020 14:38

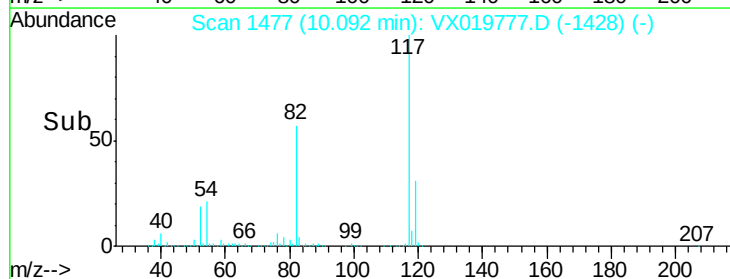
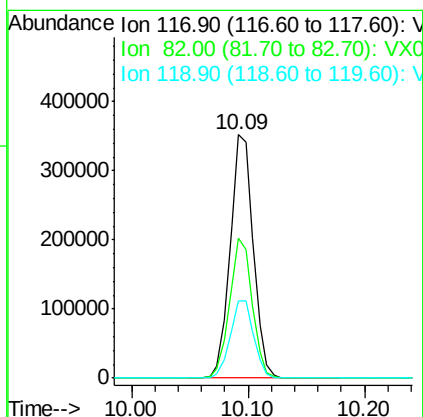
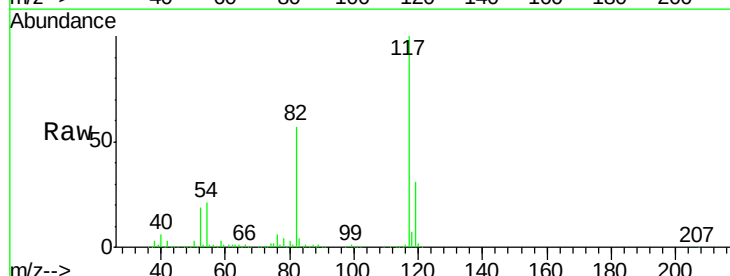
Instrument :
MSVOA_X
ClientSampled :
4S1-D-TOP

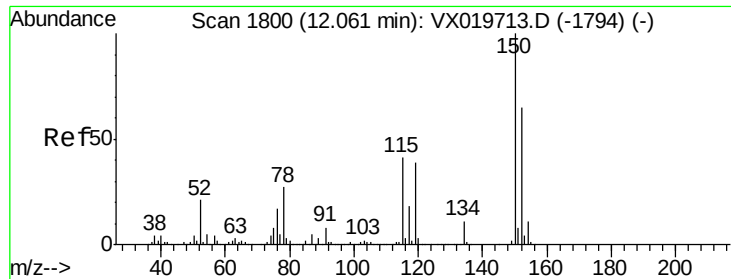
Tot Ion: 95 Resp: 224194
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 77.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019777.D
Acq: 09 Dec 2020 14:38

Tgt Ion: 117 Resp: 484240
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 31.5 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019777.D

Acq: 09 Dec 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

4S1-D-TOP

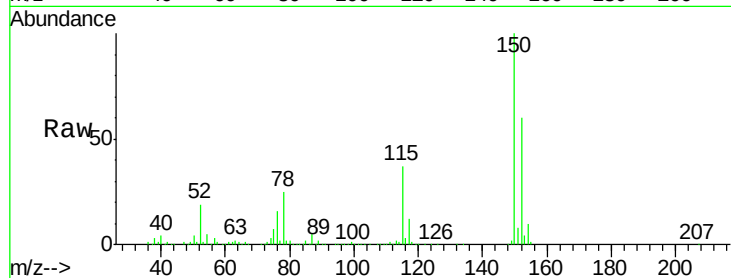
Tot Ion:152 Resp: 203366

Ion Ratio Lower Upper

152 100

115 60.4 41.1 123.3

150 163.1 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

