

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019849.D
 Acq On : 11 Dec 2020 01:34
 Operator : JC/MD
 Sample : L4983-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR1-C-TOP

Quant Time: Dec 11 03:17:14 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	325473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	544984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	503231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208573	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	205644	48.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.14%		
35) Dibromofluoromethane	5.46	113	167506	47.56	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.12%		
50) Toluene-d8	8.70	98	673707	50.10	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.20%		
62) 4-Bromofluorobenzene	11.12	95	230805	45.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.20%		

Target Compounds

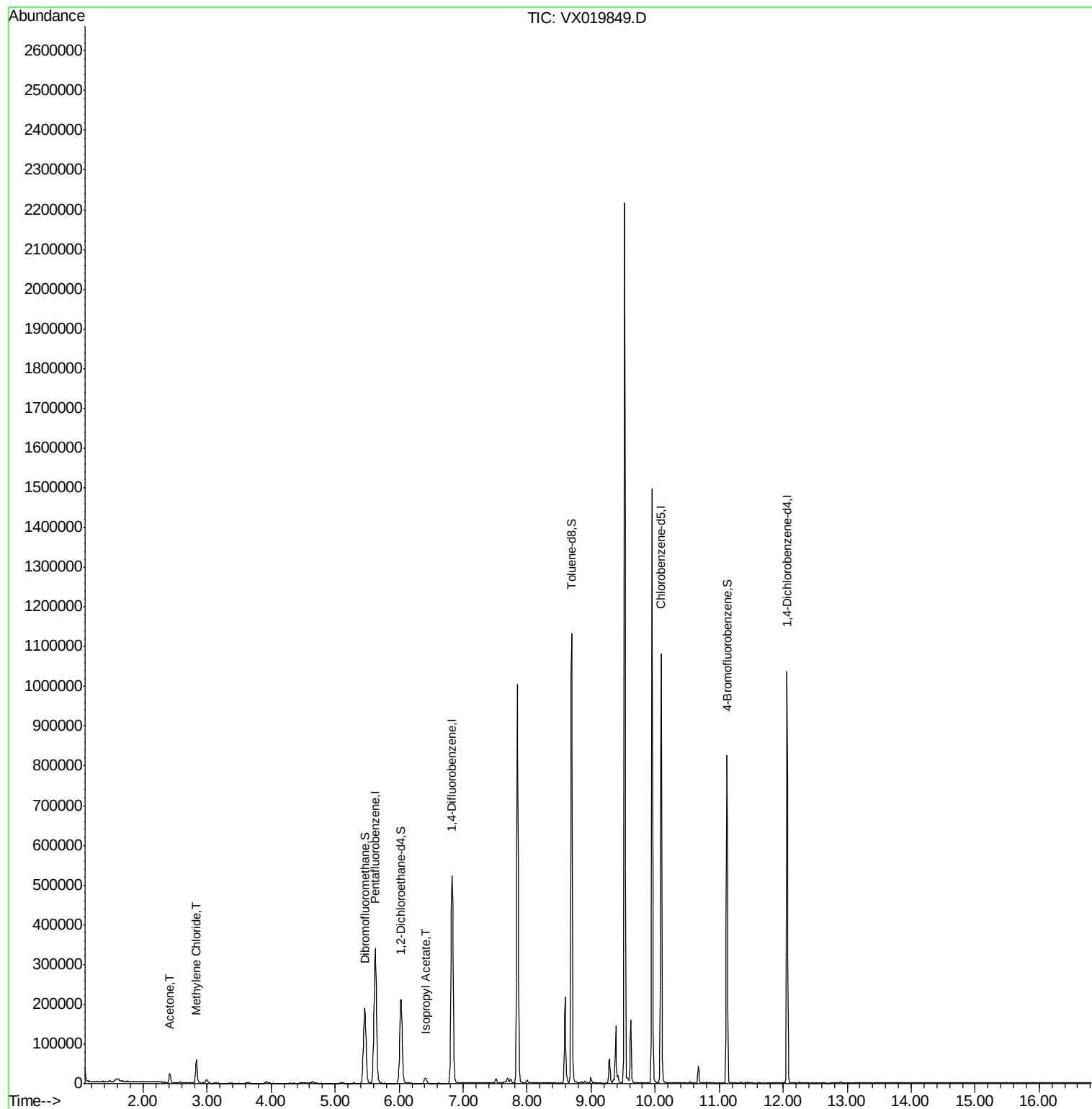
					Qvalue
16) Acetone	2.42	43	24316	15.123	ug/l 100
20) Methylene Chloride	2.83	84	26784	6.046	ug/l 96
43) Isopropyl Acetate	6.42	43	18365	2.272	ug/l 99

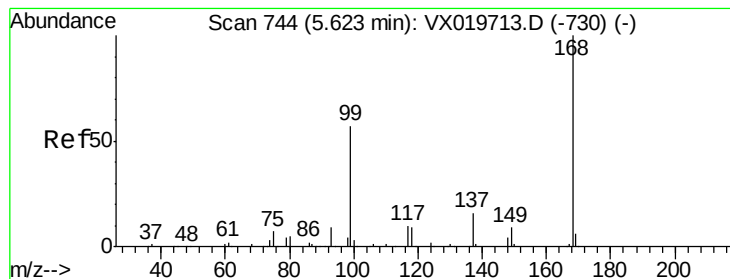
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
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: VX019849.D

Acq: 11 Dec 2020 01:34

Instrument :

MSVOA_X

ClientSampleId :

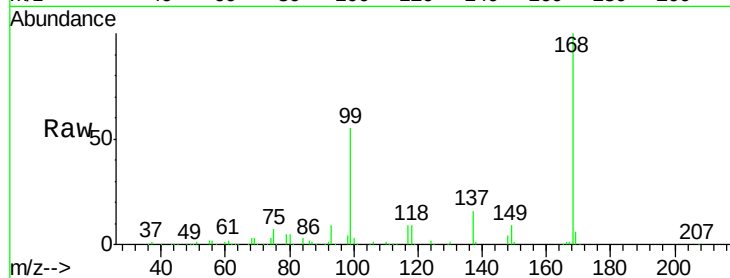
TR1-C-TOP

Tot Ion:168 Resp: 325473

Ion Ratio Lower Upper

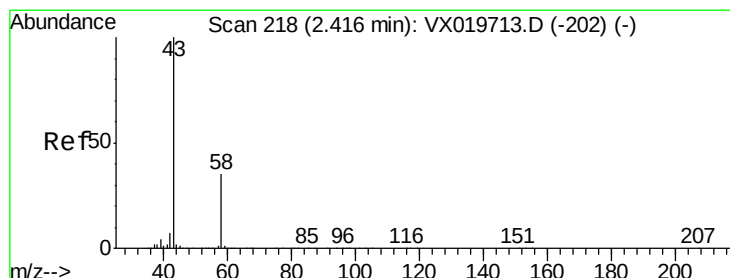
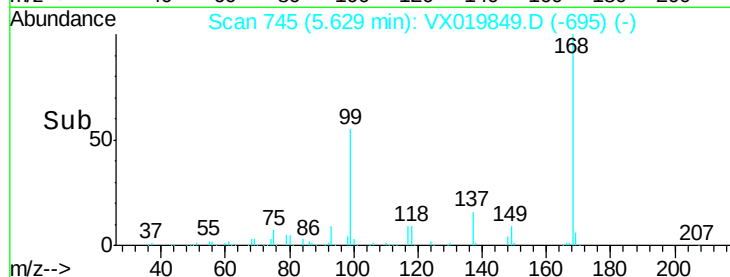
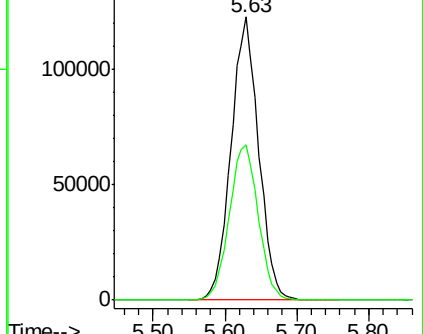
168 100

99 54.7 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: 15.123 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019849.D

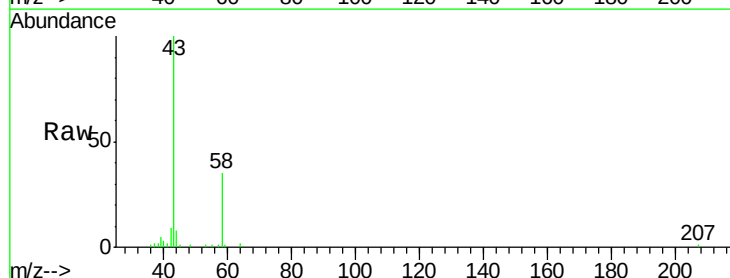
Acq: 11 Dec 2020 01:34

Tgt Ion: 43 Resp: 24316

Ion Ratio Lower Upper

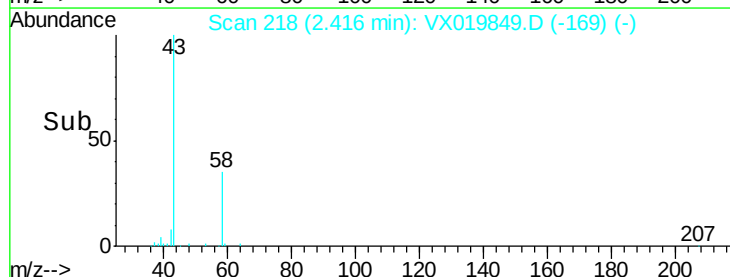
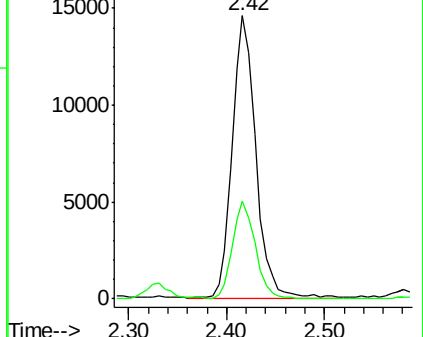
43 100

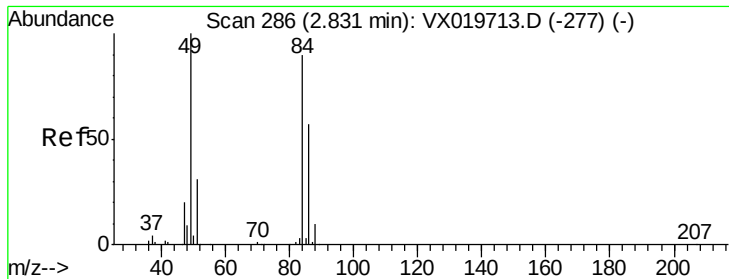
58 34.8 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

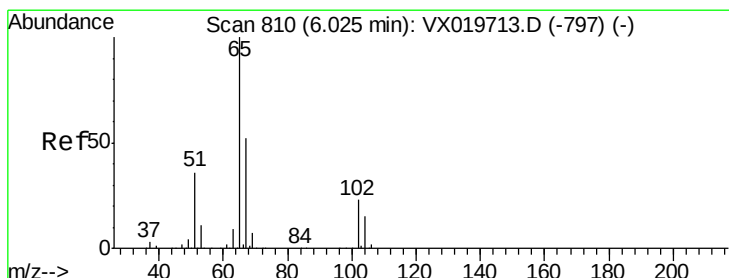
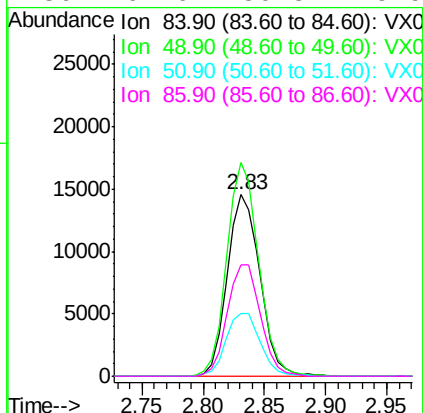
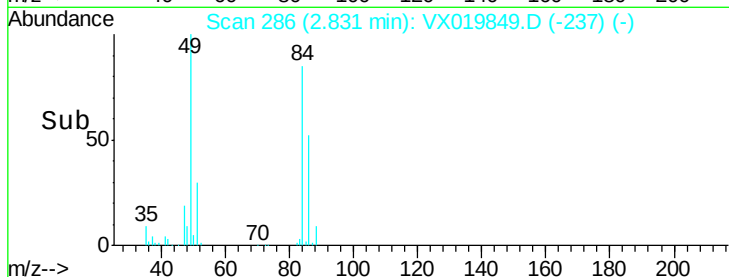
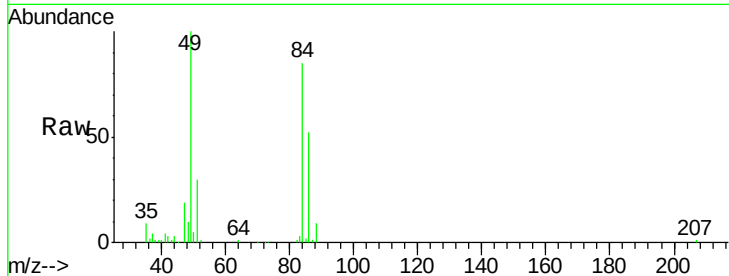




#20
Methylene Chloride
Concen: 6.046 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019849.D
Acq: 11 Dec 2020 01:34

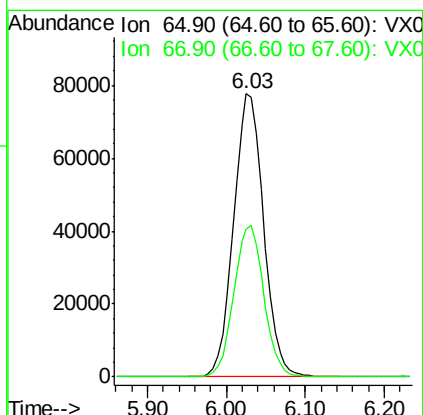
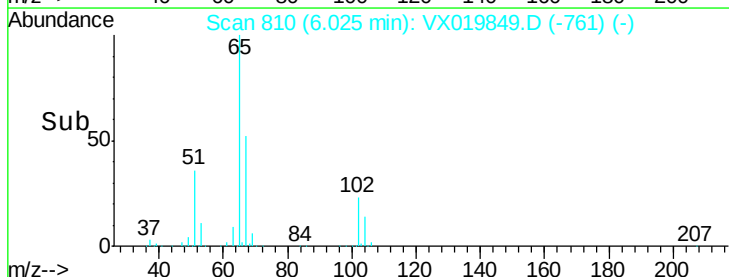
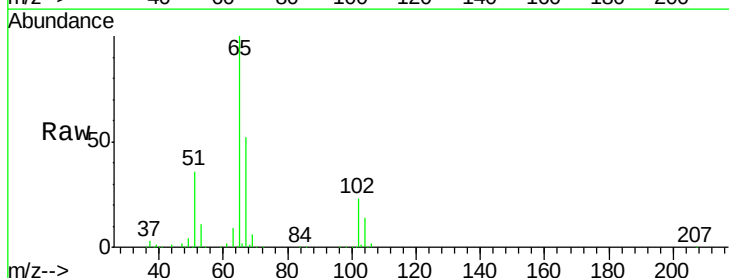
Instrument :
MSVOA_X
ClientSampled :
TR1-C-TOP

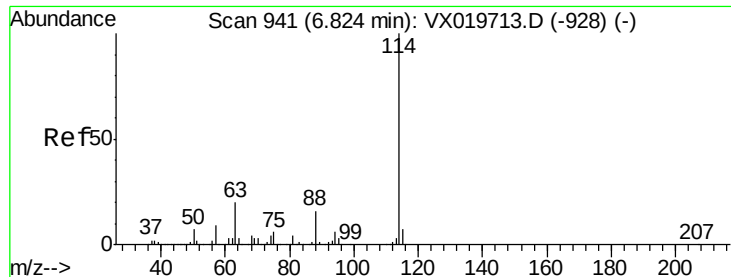
Tot Ion: 84 Resp: 26784
Ion Ratio Lower Upper
84 100
49 117.9 88.6 132.8
51 34.9 27.0 40.6
86 61.6 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 48.074 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019849.D
Acq: 11 Dec 2020 01:34

Tgt Ion: 65 Resp: 205644
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. 0.00 min

Lab File: VX019849.D

Acq: 11 Dec 2020 01:34

Instrument :

MSVOA_X

ClientSampleId :

TR1-C-TOP

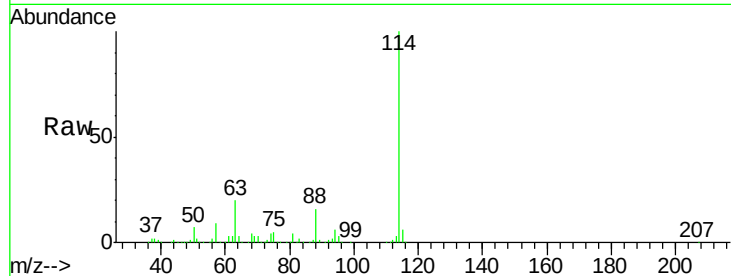
Tot Ion:114 Resp: 544984

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

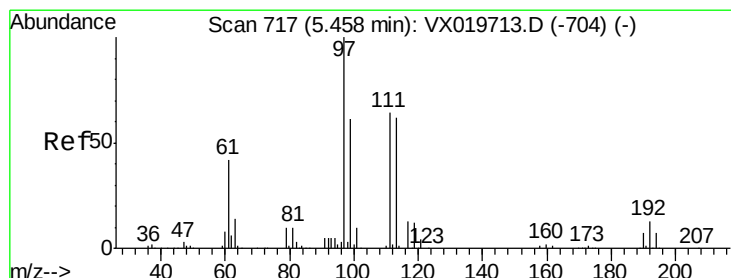
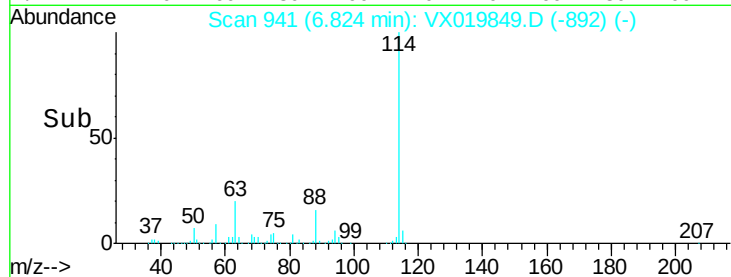
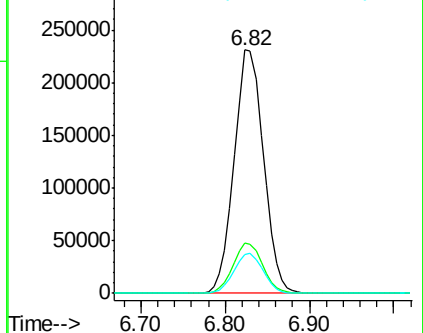
88 15.9 0.0 32.8



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: 47.558 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019849.D

Acq: 11 Dec 2020 01:34

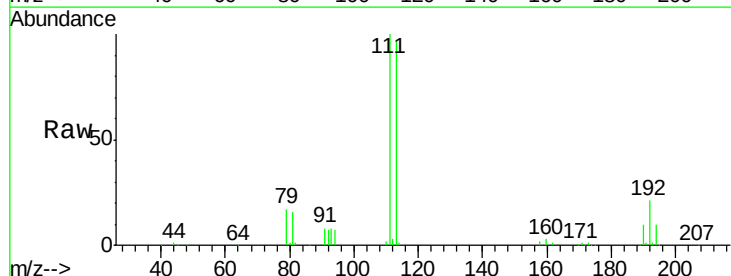
Tgt Ion:113 Resp: 167506

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

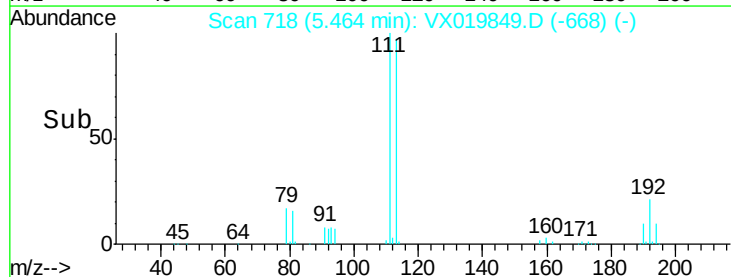
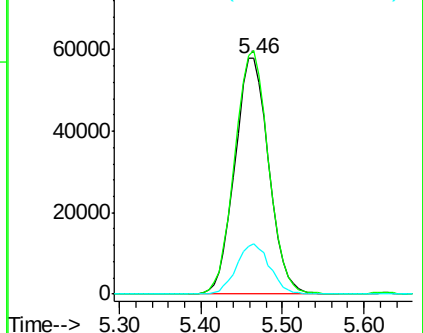
192 20.9 16.7 25.1

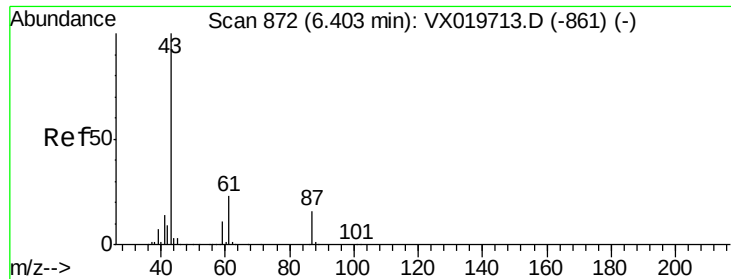


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.272 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX019849.D

Acq: 11 Dec 2020 01:34

Instrument :

MSVOA_X

ClientSampleId :

TR1-C-TOP

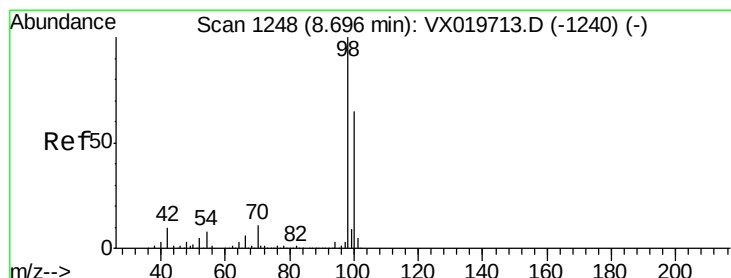
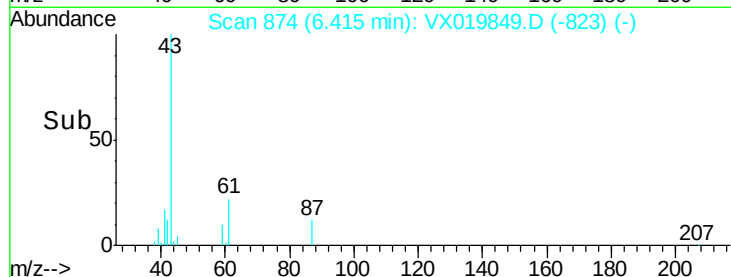
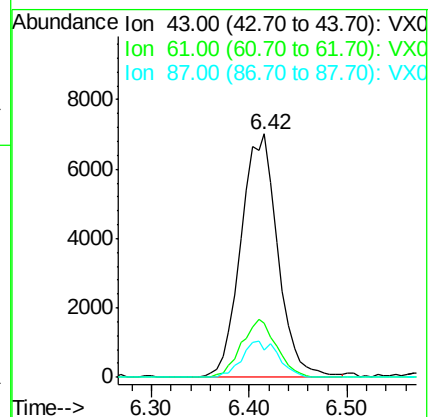
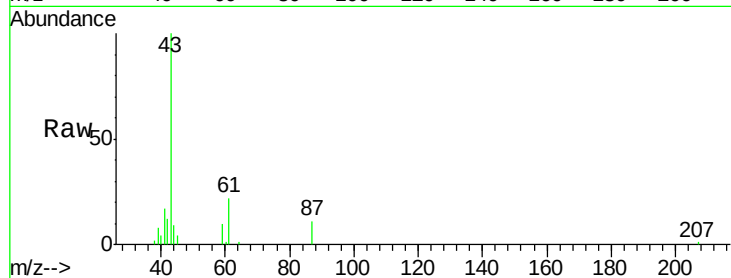
Tot Ion: 43 Resp: 18365

Ion Ratio Lower Upper

43 100

61 22.5 18.2 27.4

87 14.6 12.5 18.7



#50

Toluene-d8

Concen: 50.102 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019849.D

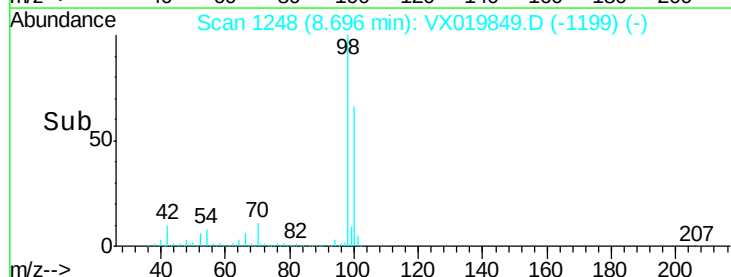
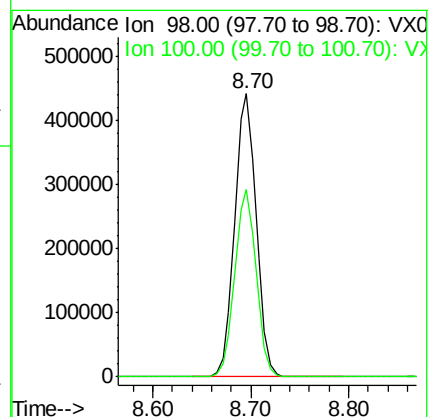
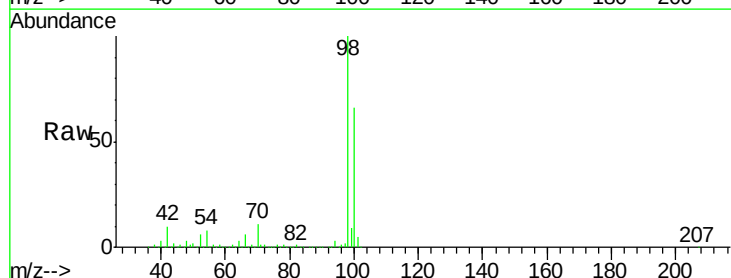
Acq: 11 Dec 2020 01:34

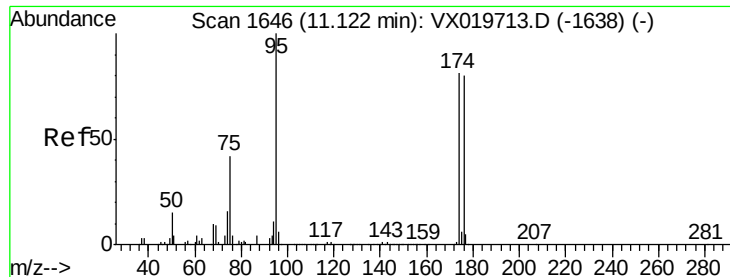
Tgt Ion: 98 Resp: 673707

Ion Ratio Lower Upper

98 100

100 65.7 51.9 77.9

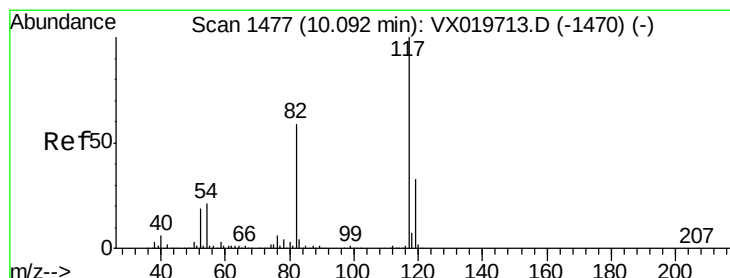
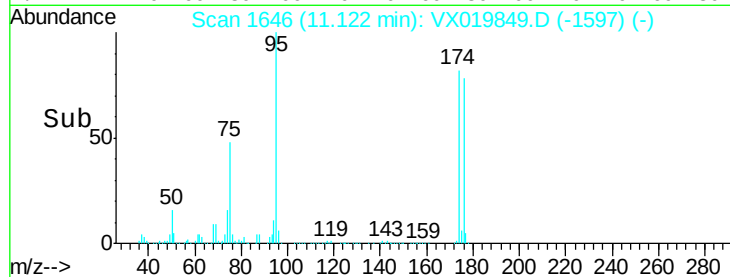
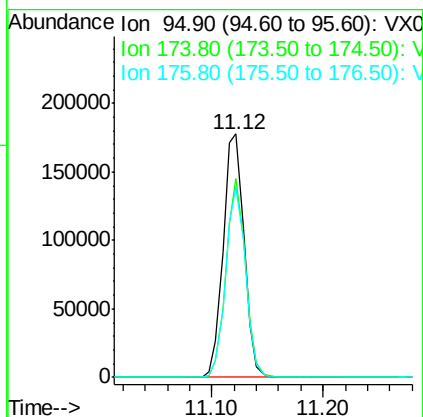
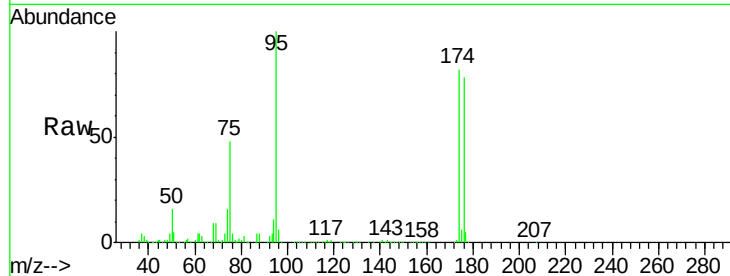




#62
4-Bromofluorobenzene
Concen: 45.097 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019849.D
Acq: 11 Dec 2020 01:34

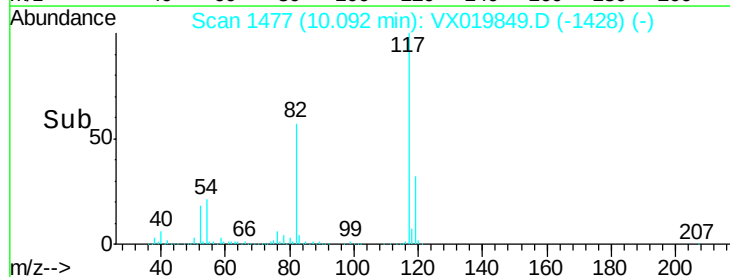
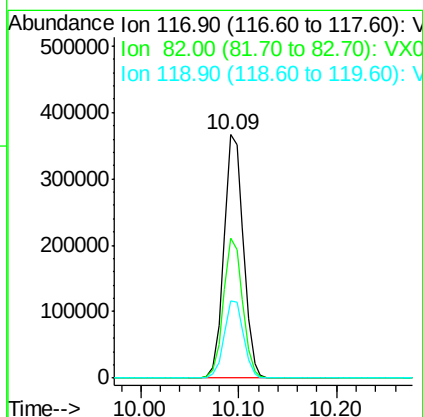
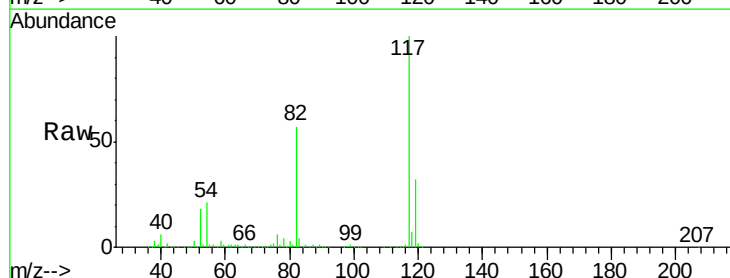
Instrument :
MSVOA_X
ClientSampleId :
TR1-C-TOP

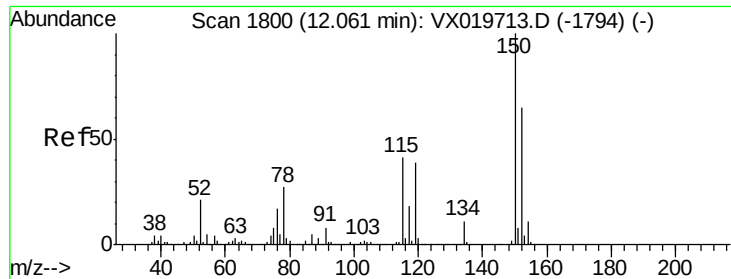
Tot Ion: 95 Resp: 230805
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.6
176 74.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019849.D
Acq: 11 Dec 2020 01:34

Tgt Ion: 117 Resp: 503231
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 31.8 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: VX019849.D

Acq: 11 Dec 2020 01:34

Instrument :

MSVOA_X

ClientSampleId :

TR1-C-TOP

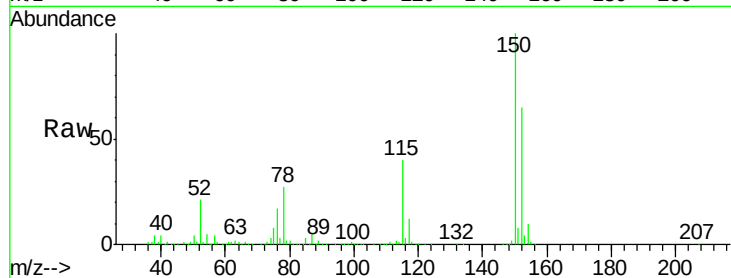
Tot Ion:152 Resp: 208573

Ion Ratio Lower Upper

152 100

115 61.3 41.1 123.3

150 155.2 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

