

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
 Data File : VX019980.D
 Acq On : 14 Dec 2020 12:46
 Operator : JC/MD
 Sample : L5059-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CAL-TB01-20201209

Quant Time: Dec 15 00:41:10 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	5.62	168	321142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	526874	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	479363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210990	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	201022	47.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	95.26%	
35) Dibromofluoromethane	5.46	113	159451	46.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	93.66%	
50) Toluene-d8	8.70	98	630027	48.46	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.12	95	223117	45.09	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	90.18%	

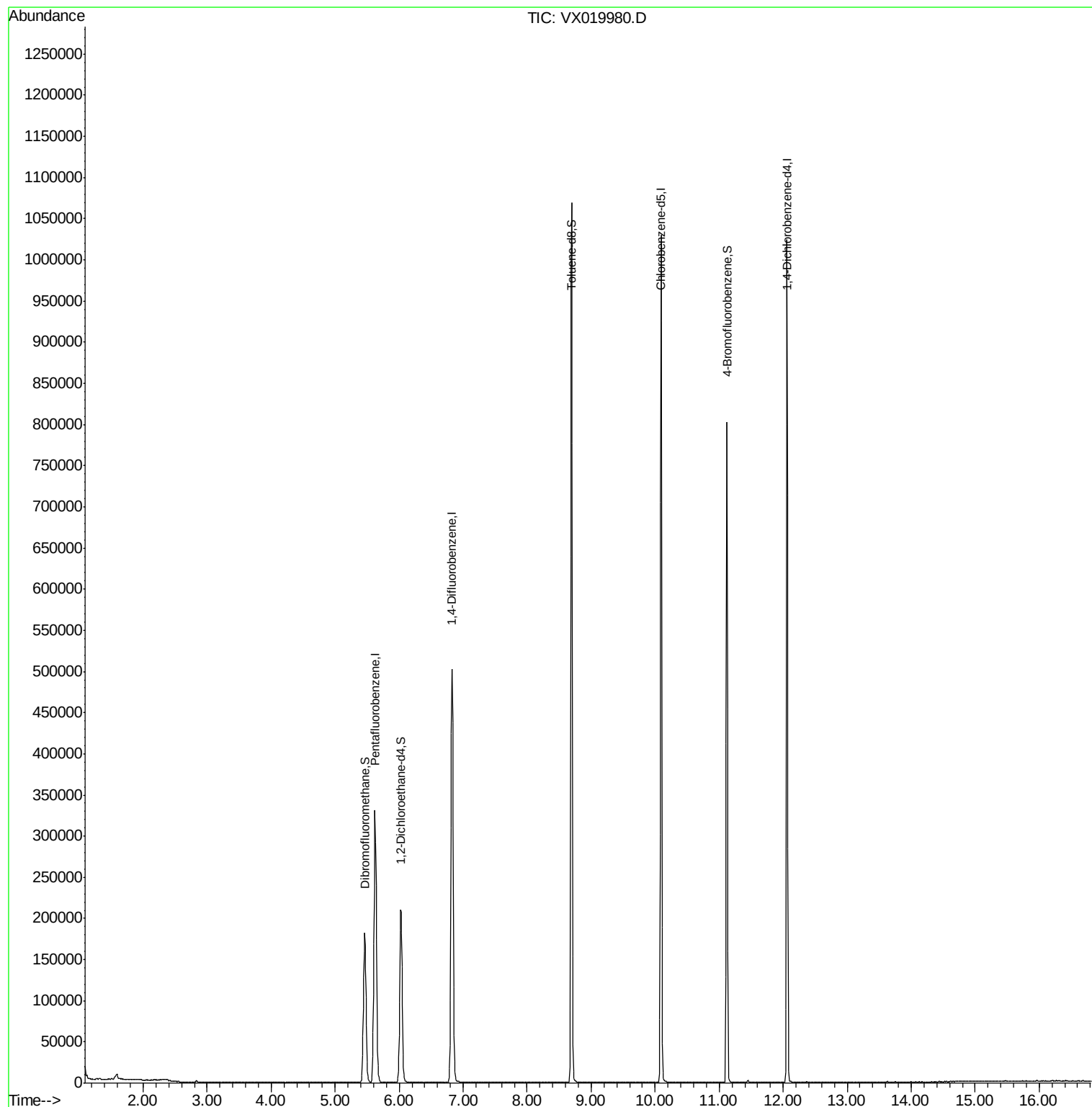
Target Compounds	Qvalue

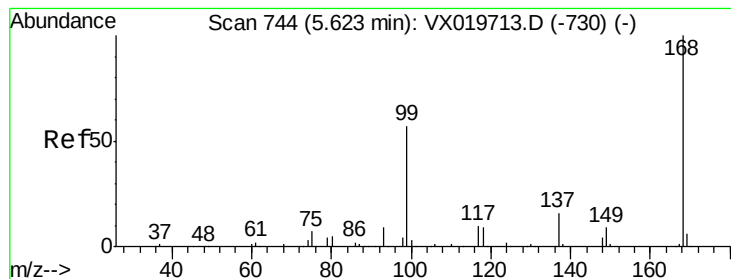
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019980.D

Acq: 14 Dec 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

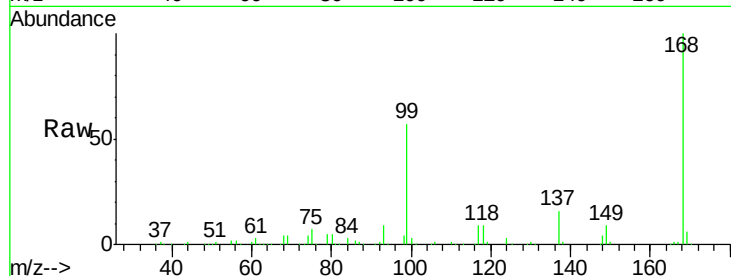
CAL-TB01-20201209

Tot Ion:168 Resp: 321142

Ion Ratio Lower Upper

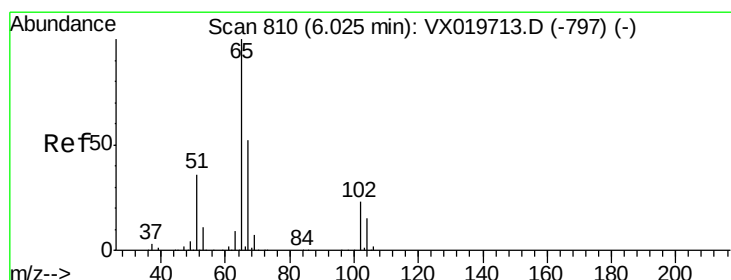
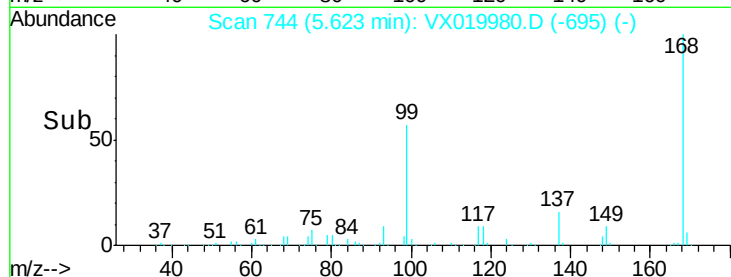
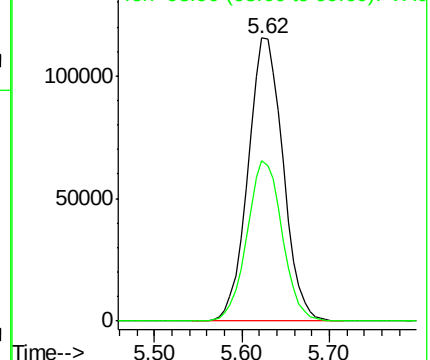
168 100

99 56.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.627 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX019980.D

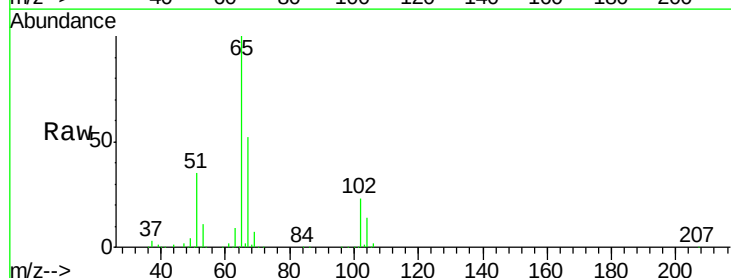
Acq: 14 Dec 2020 12:46

Tgt Ion: 65 Resp: 201022

Ion Ratio Lower Upper

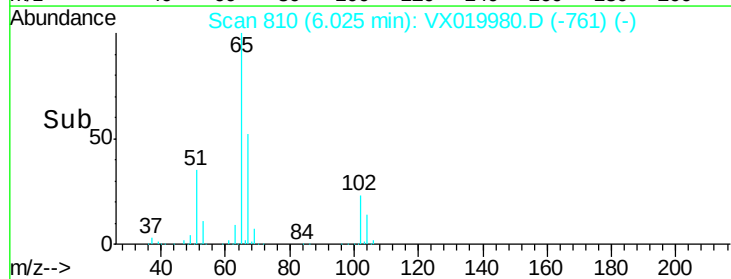
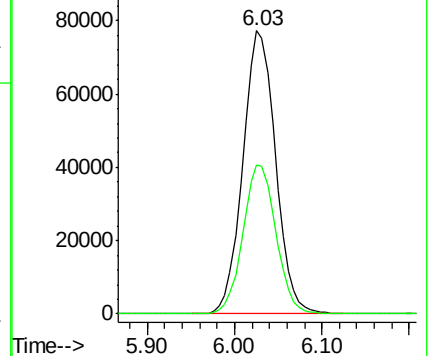
65 100

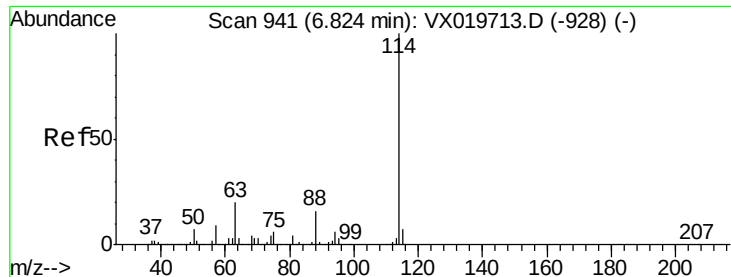
67 53.1 0.0 105.4



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: VX019980.D

Acq: 14 Dec 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

CAL-TB01-20201209

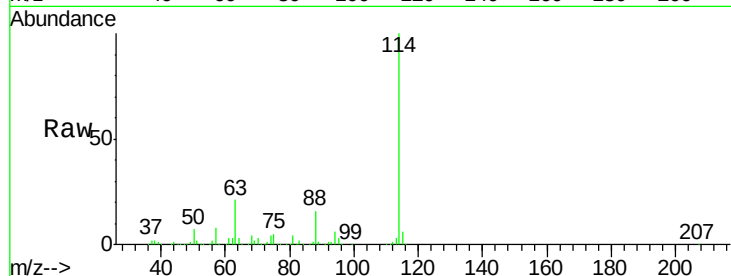
Tot Ion:114 Resp: 526874

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

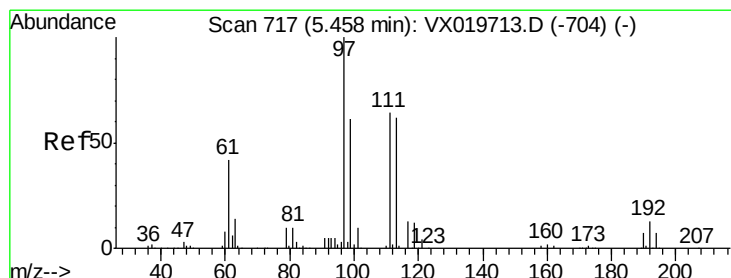
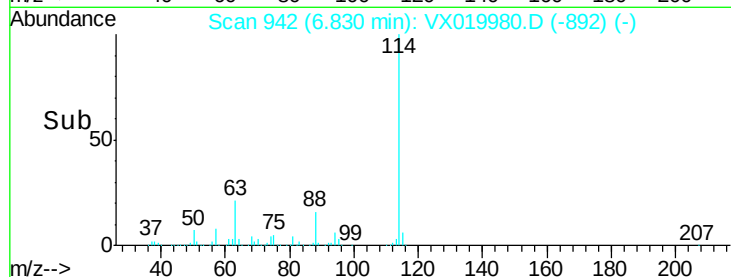
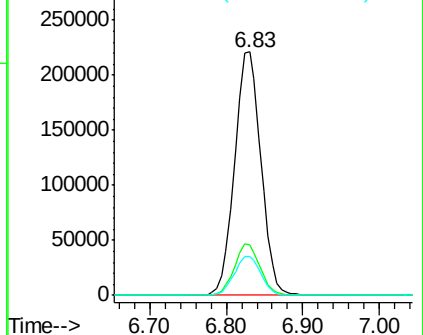
88 16.2 0.0 32.8



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: 46.827 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019980.D

Acq: 14 Dec 2020 12:46

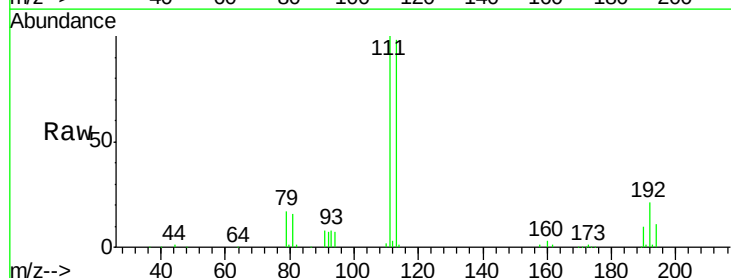
Tgt Ion:113 Resp: 159451

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

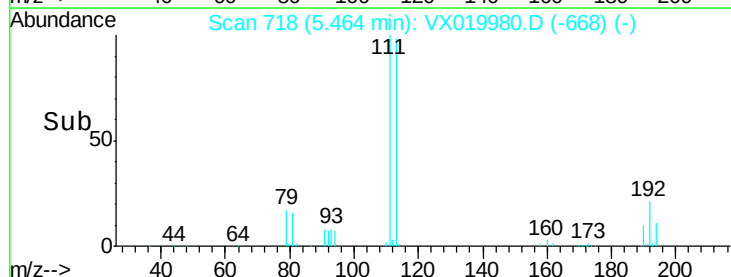
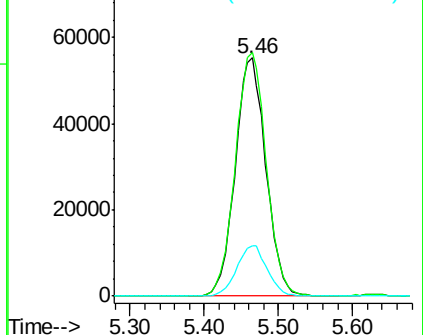
192 20.9 16.7 25.1

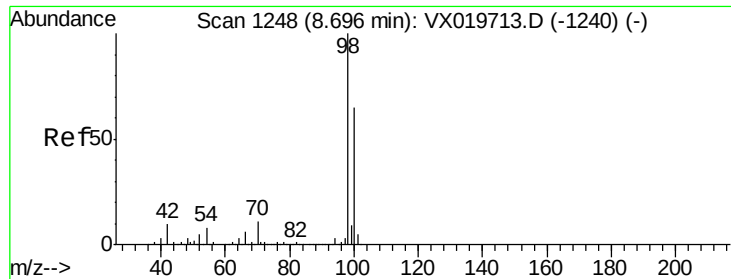


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.464 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019980.D

Acq: 14 Dec 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

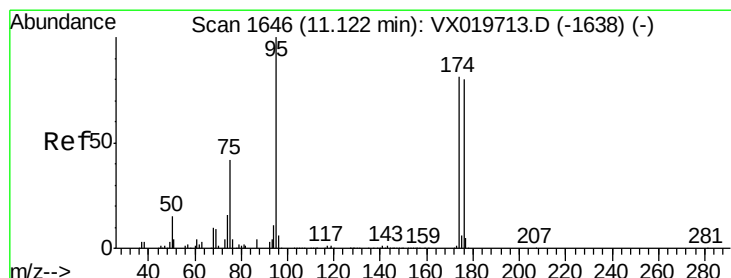
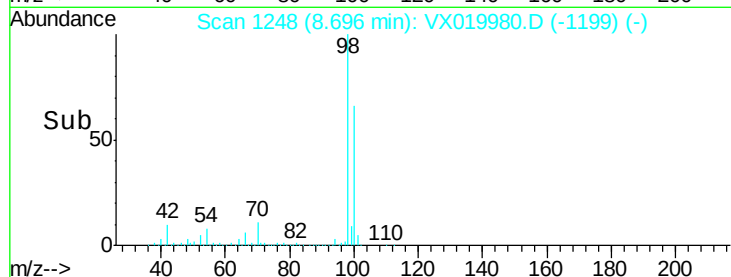
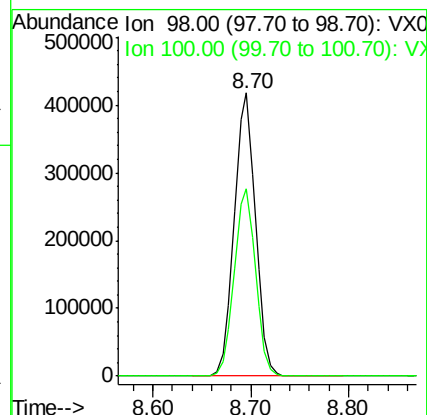
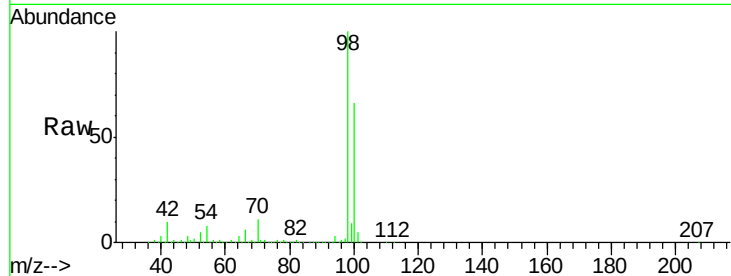
CAL-TB01-20201209

Tot Ion: 98 Resp: 630027

Ion Ratio Lower Upper

98 100

100 66.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.093 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019980.D

Acq: 14 Dec 2020 12:46

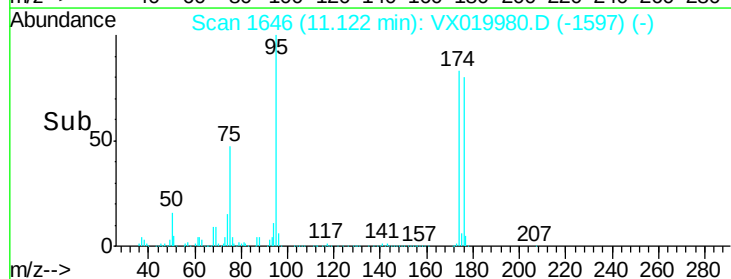
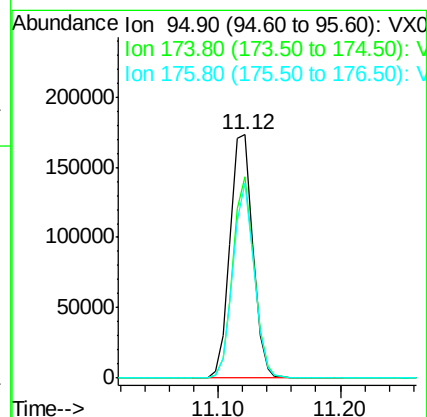
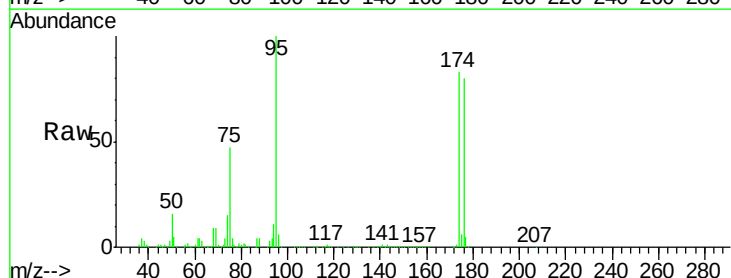
Tgt Ion: 95 Resp: 223117

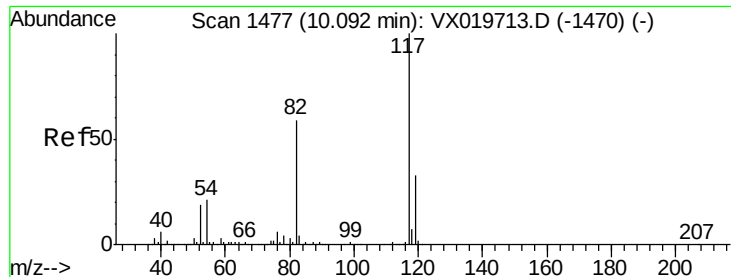
Ion Ratio Lower Upper

95 100

174 77.0 0.0 154.6

176 74.2 0.0 155.8

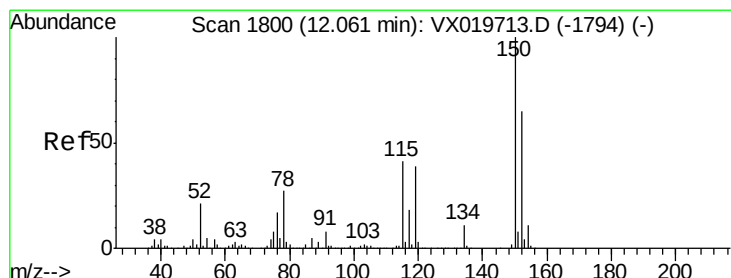
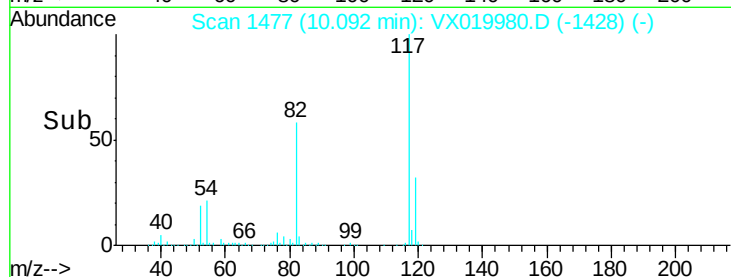
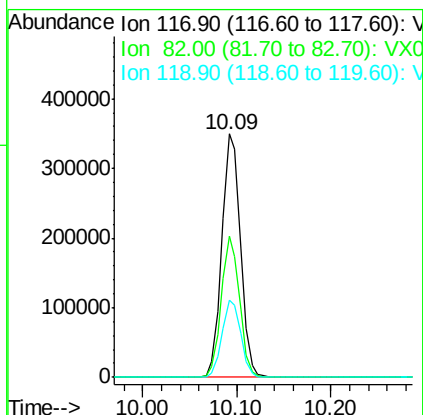
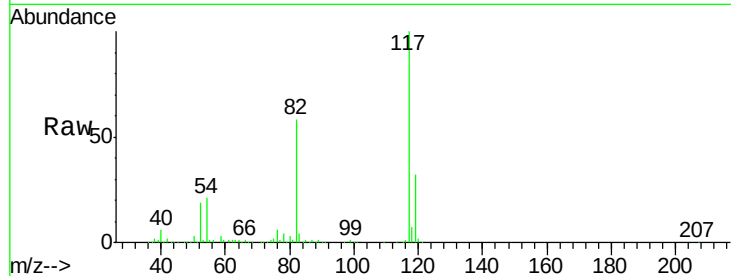




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019980.D
Acq: 14 Dec 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
CAL-TB01-20201209

Tot Ion:117 Resp: 479363
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.6 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: VX019980.D
Acq: 14 Dec 2020 12:46

Tgt Ion:152 Resp: 210990
Ion Ratio Lower Upper
152 100
115 58.2 41.1 123.3
150 150.6 0.0 349.0

