

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019507.D
 Acq On : 20 Nov 2020 19:46
 Operator : JC/MD
 Sample : L4833-01 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

Quant Time: Nov 21 04:43:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	286671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	467233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	401197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	170598	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	174371	46.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.82%		
35) Dibromofluoromethane	5.46	113	138209	47.12	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.24%		
50) Toluene-d8	8.70	98	550031	48.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.52%		
62) 4-Bromofluorobenzene	11.12	95	183452	44.74	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.48%		

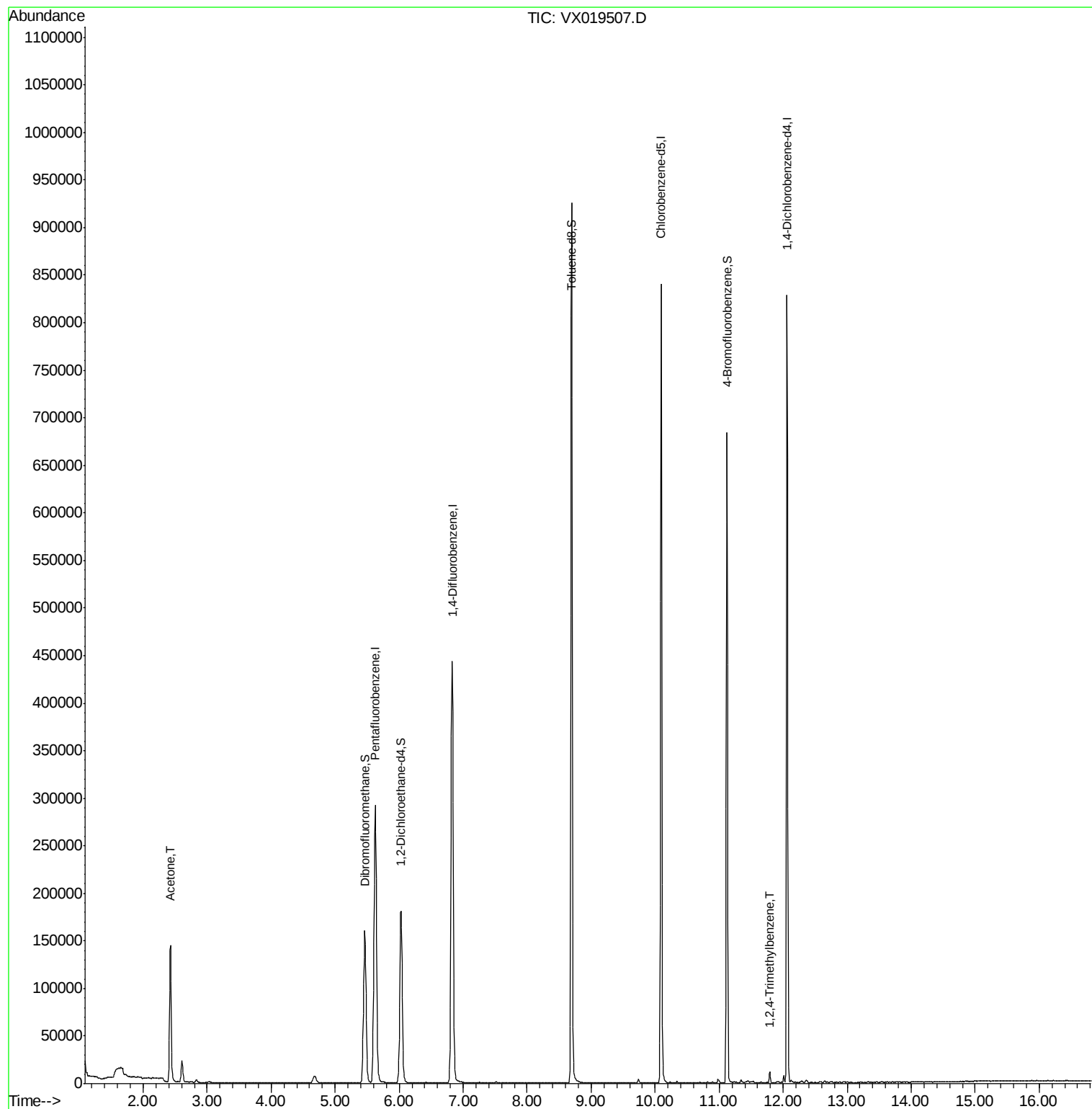
Target Compounds					Qvalue
16) Acetone	2.43	43	152528	106.113 ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	4517	0.451 ug/l	99

(#) = 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. -0.00 min

Lab File: VX019507.D

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Instrument :

MSVOA_X

ClientSampleId :

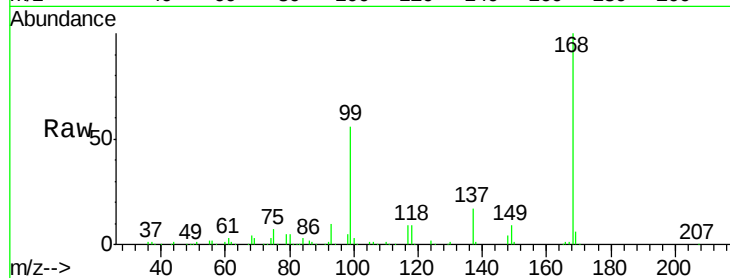
GROUNDWATER

Tot Ion:168 Resp: 286671

Ion Ratio Lower Upper

168 100

99 55.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

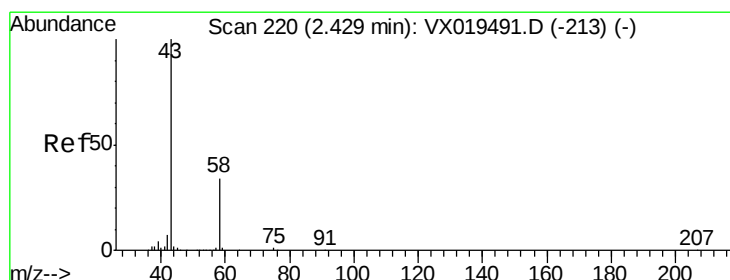
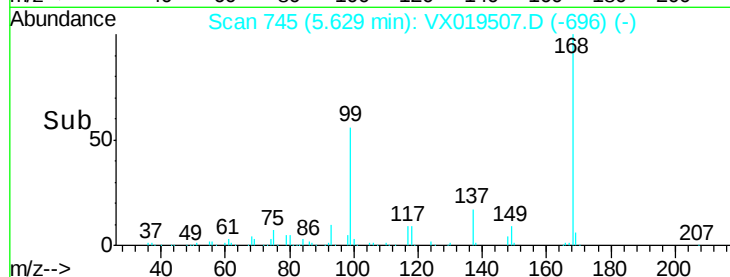
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 106.113 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019507.D

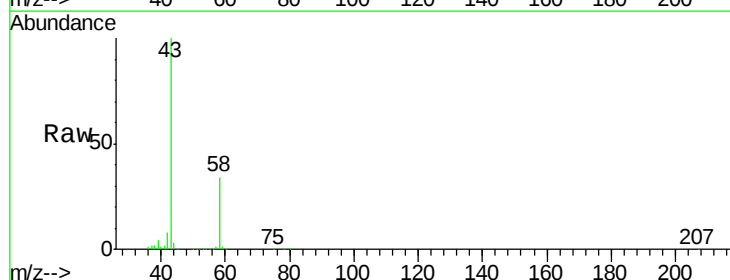
Acq: 20 Nov 2020 19:46

Tgt Ion: 43 Resp: 152528

Ion Ratio Lower Upper

43 100

58 34.0 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

100000

80000

60000

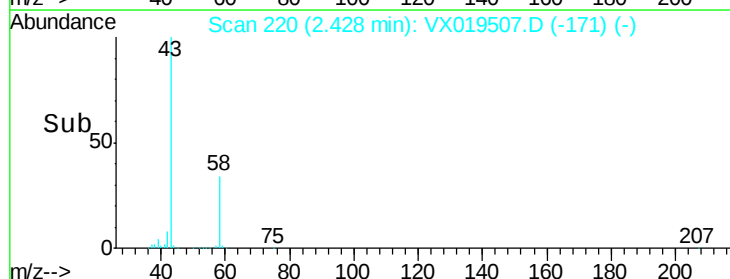
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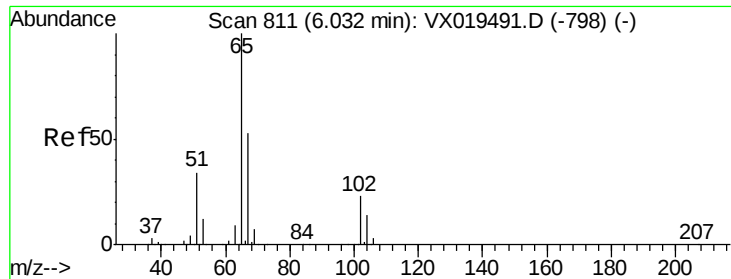
20000

0

Time-->

2.30 2.40 2.50 2.60





#33

1,2-Dichloroethane-d4

Concen: 46.913 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019507.D

Acq: 20 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

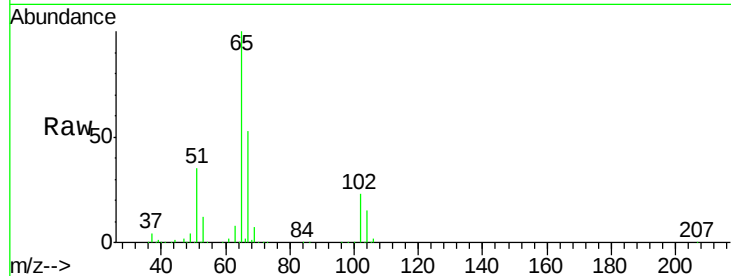
GROUNDWATER

Tot Ion: 65 Resp: 174371

Ion Ratio Lower Upper

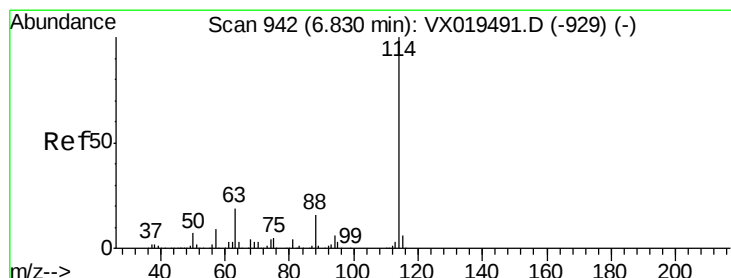
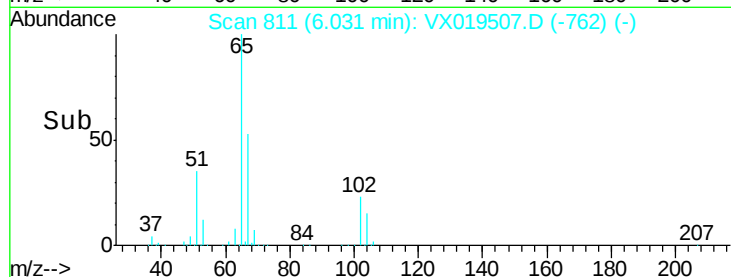
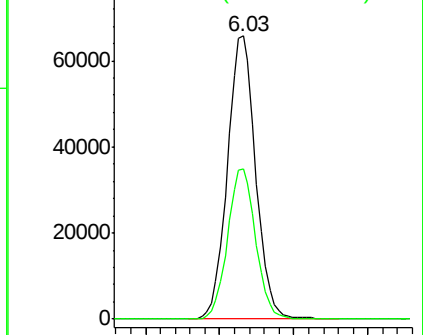
65 100

67 52.8 0.0 105.0



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. -0.00 min

Lab File: VX019507.D

Acq: 20 Nov 2020 19:46

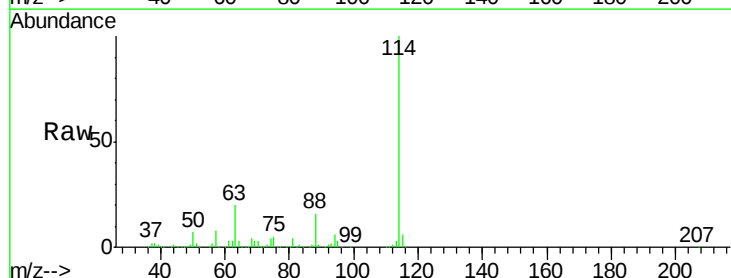
Tgt Ion: 114 Resp: 467233

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

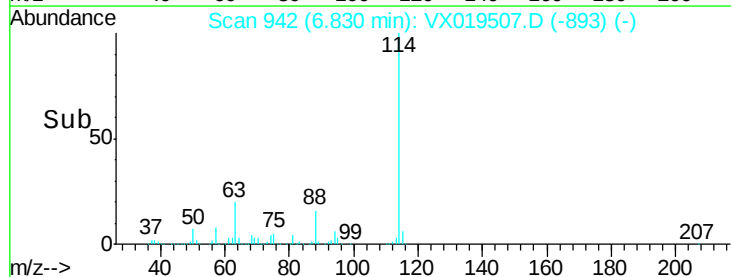
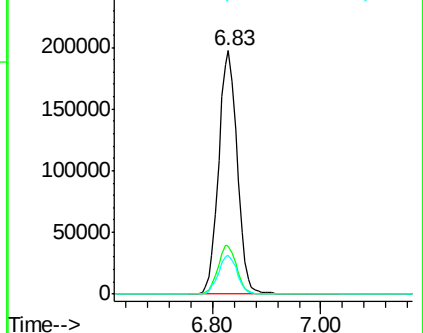
88 15.7 0.0 31.6

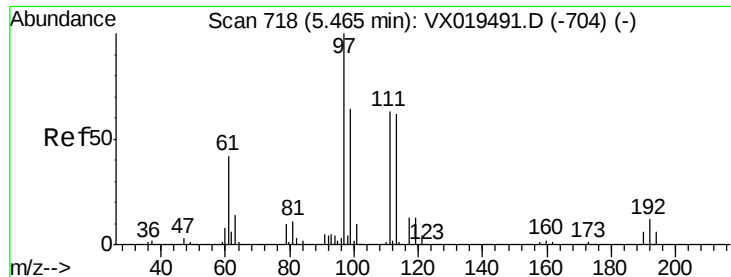


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

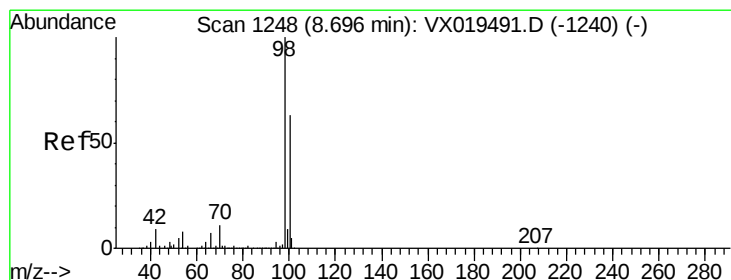
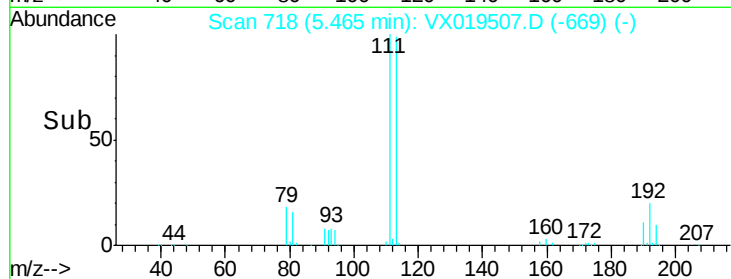
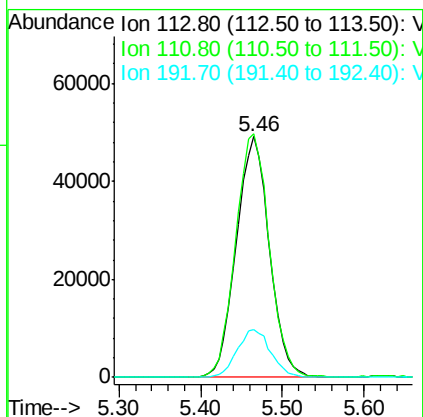
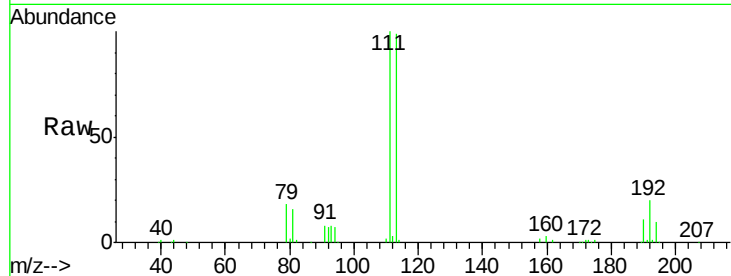




#35
Dibromofluoromethane
Concen: 47.125 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019507.D
Acq: 20 Nov 2020 19:46

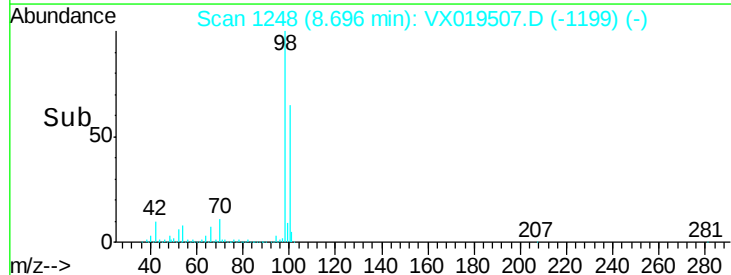
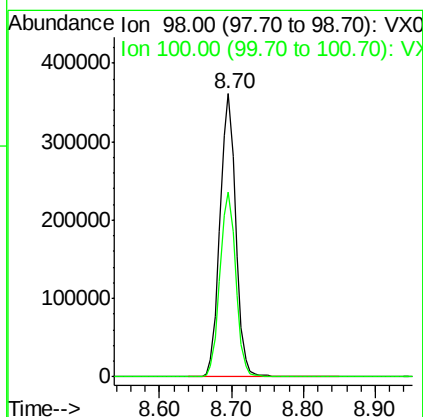
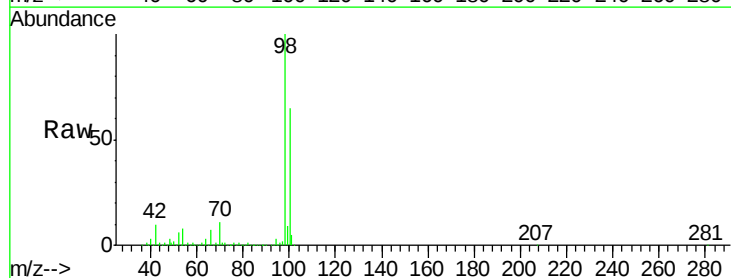
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

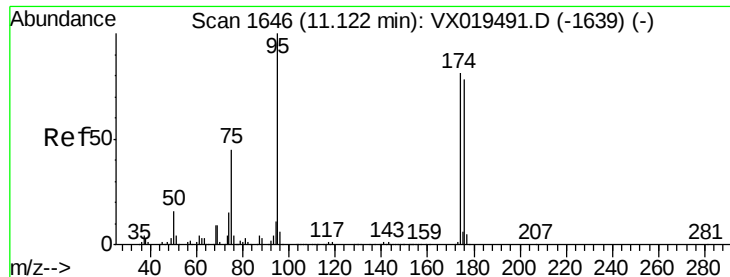
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.5	122.3
192	20.3	16.2	24.2



#50
Toluene-d8
Concen: 48.263 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019507.D
Acq: 20 Nov 2020 19:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6

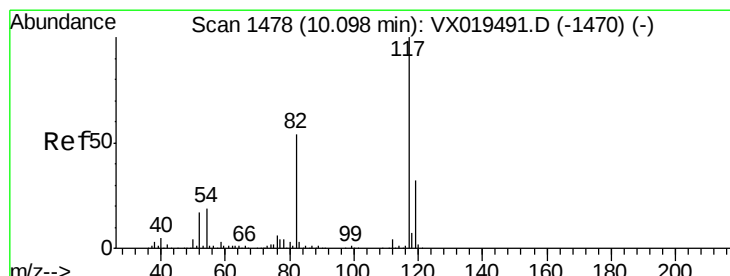
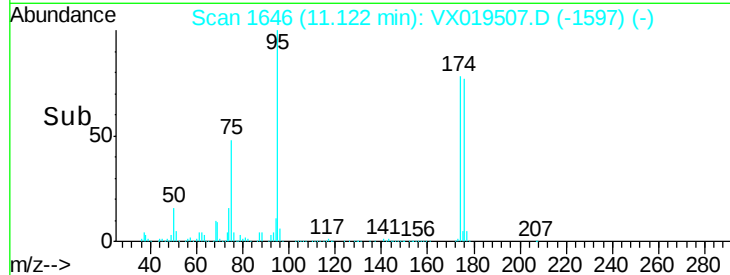
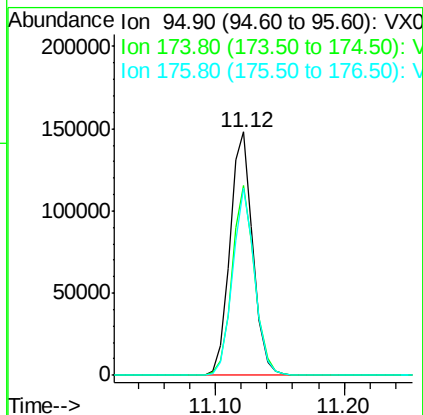
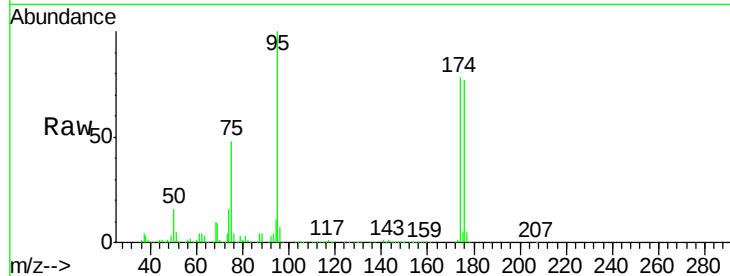




#62
4-Bromofluorobenzene
Concen: 44.740 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019507.D
Acq: 20 Nov 2020 19:46

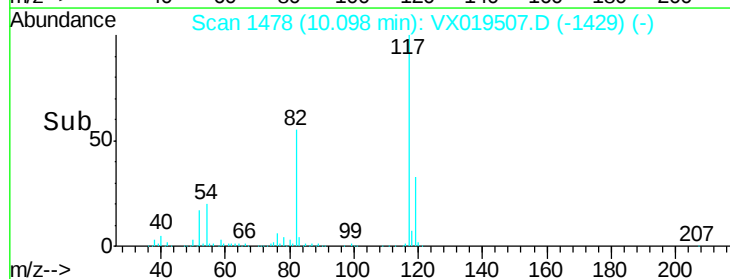
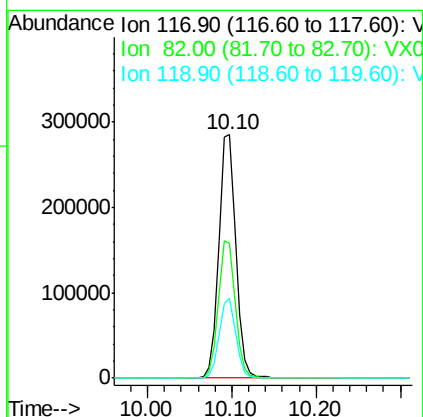
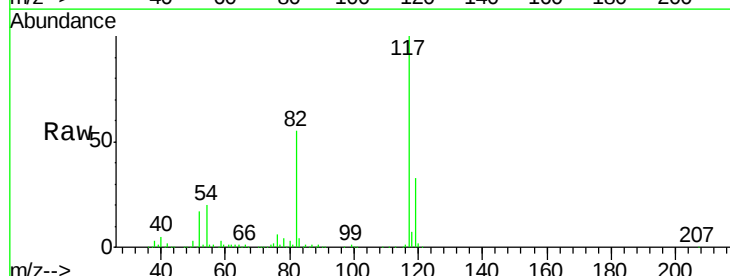
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

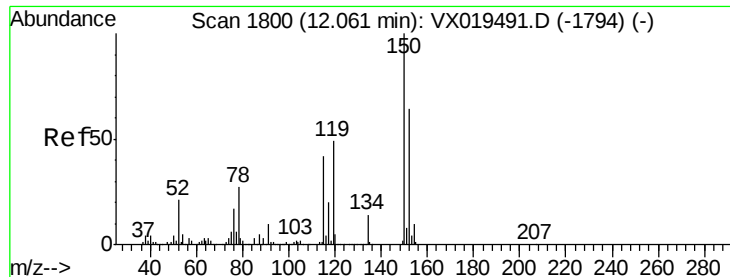
Tot Ion: 95 Resp: 183452
Ion Ratio Lower Upper
95 100
174 76.6 0.0 156.2
176 74.3 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019507.D
Acq: 20 Nov 2020 19:46

Tgt Ion: 117 Resp: 401197
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019507.D

Acq: 20 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER

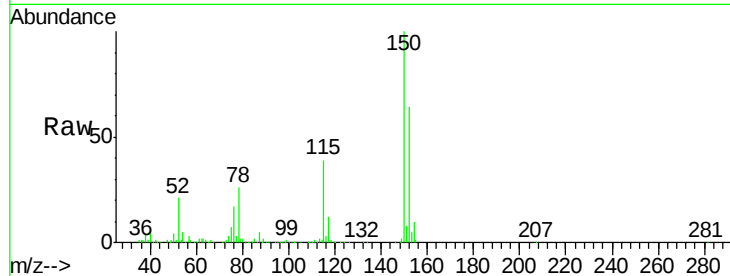
Tot Ion:152 Resp: 170598

Ion Ratio Lower Upper

152 100

115 60.4 41.8 125.4

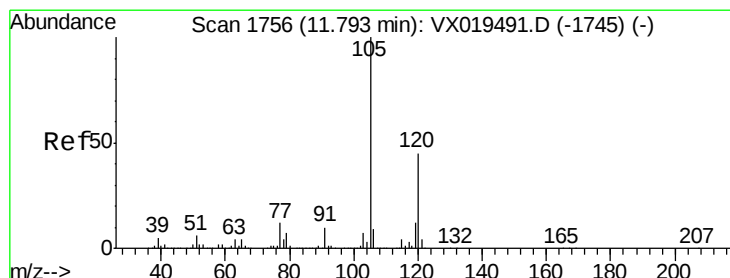
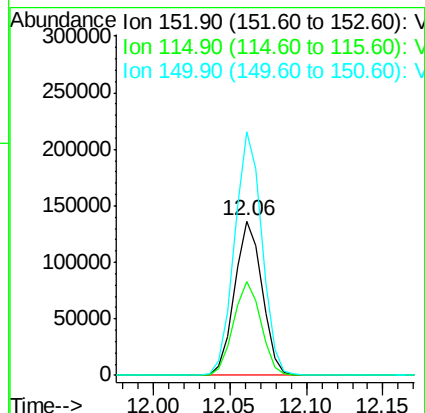
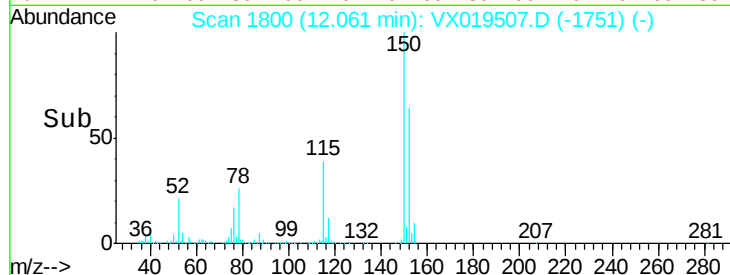
150 156.5 0.0 348.2



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



#84

1,2,4-Trimethylbenzene

Concen: 0.451 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019507.D

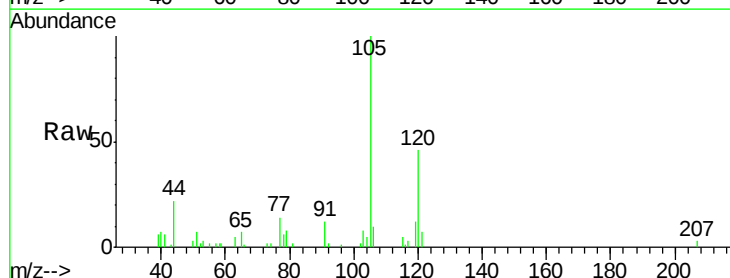
Acq: 20 Nov 2020 19:46

Tgt Ion:105 Resp: 4517

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

