

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019505.D
 Acq On : 20 Nov 2020 18:59
 Operator : JC/MD
 Sample : L4836-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-03

Quant Time: Nov 21 04:35:47 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	271464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	438407	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	382207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	158752	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	167298	47.53	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.06%		
35) Dibromofluoromethane	5.46	113	131750	47.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.76%		
50) Toluene-d8	8.70	98	522583	48.87	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.74%		
62) 4-Bromofluorobenzene	11.12	95	171048	44.46	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.92%		

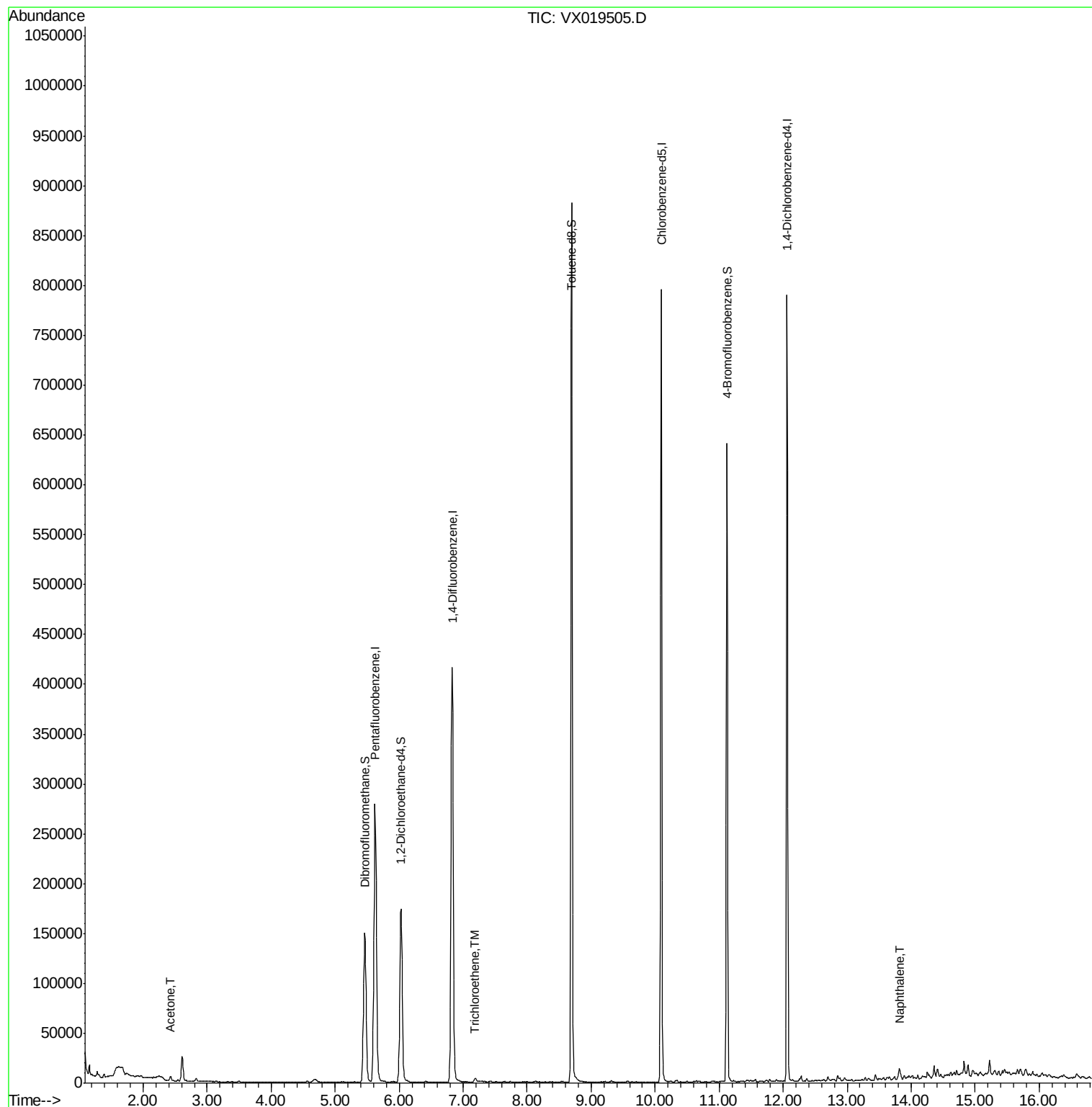
Target Compounds					Qvalue
16) Acetone	2.43	43	4587	3.370 ug/l	88
44) Trichloroethene	7.18	130	1298	0.392 ug/l	97
95) Naphthalene	13.82	128	5930	2.662 ug/l #	96

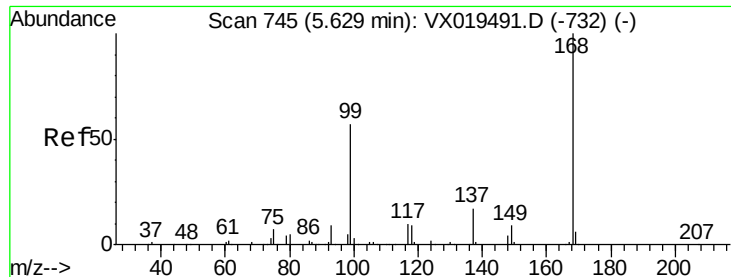
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019505.D

Acq: 20 Nov 2020 18:59

Instrument :

MSVOA_X

ClientSampled :

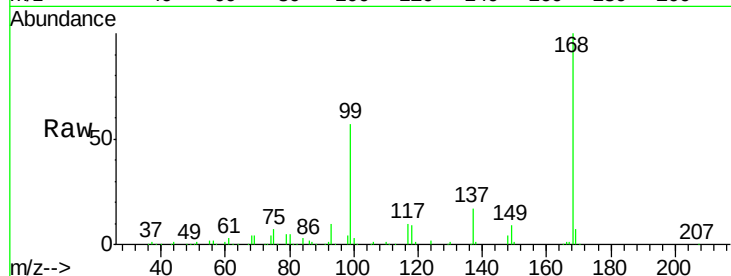
GW-03

Tot Ion:168 Resp: 271464

Ion Ratio Lower Upper

168 100

99 57.1 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

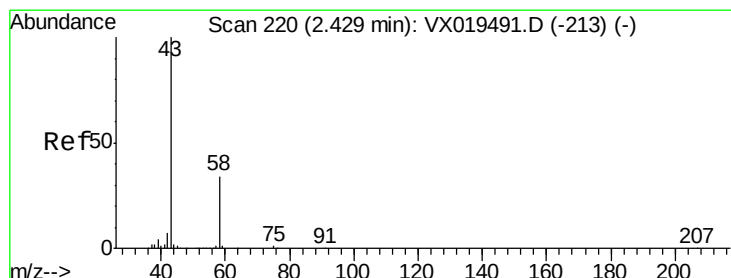
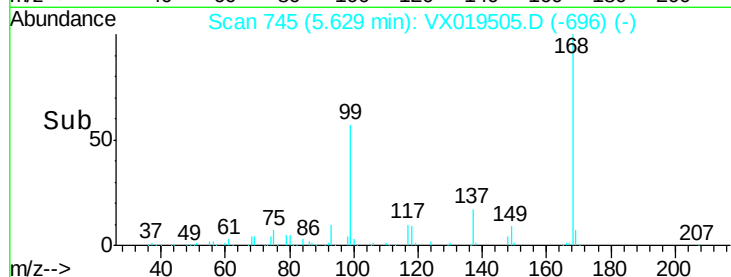
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.370 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019505.D

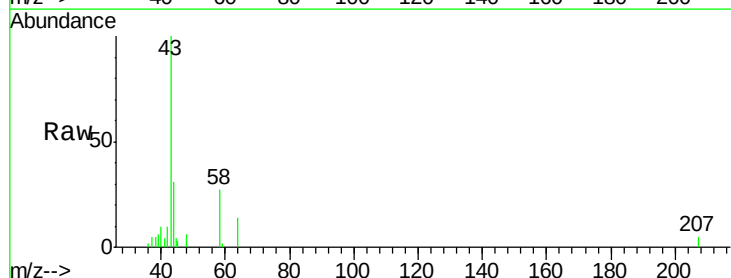
Acq: 20 Nov 2020 18:59

Tgt Ion: 43 Resp: 4587

Ion Ratio Lower Upper

43 100

58 27.6 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

3000

2500

2000

1500

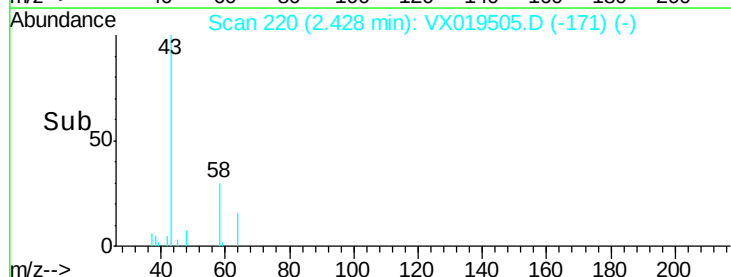
1000

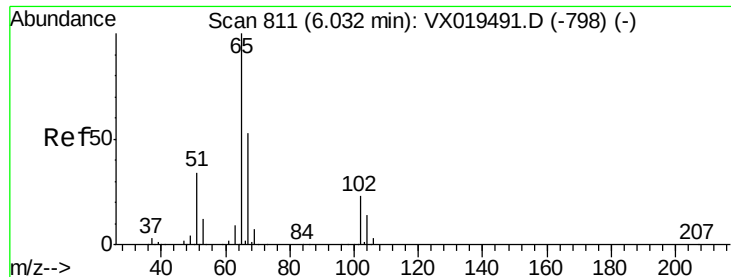
500

0

Time-->

2.35 2.40 2.45 2.50

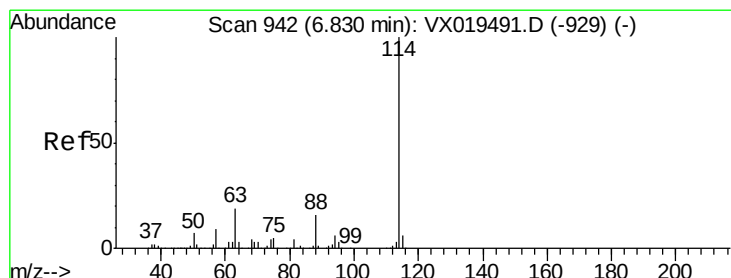
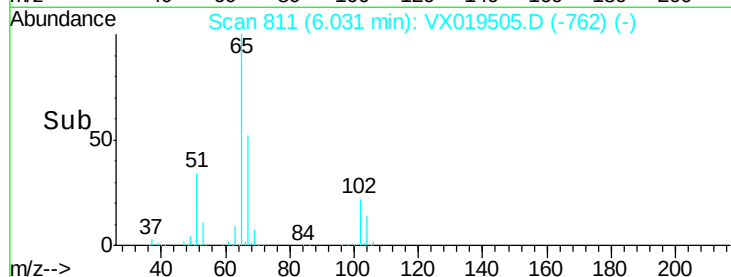
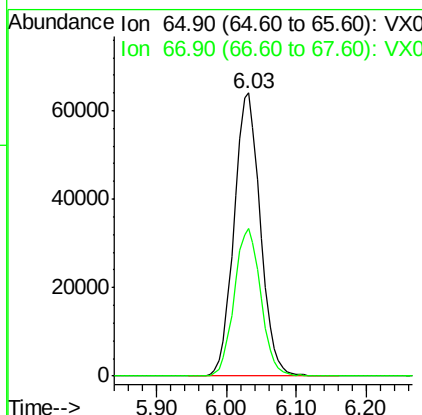
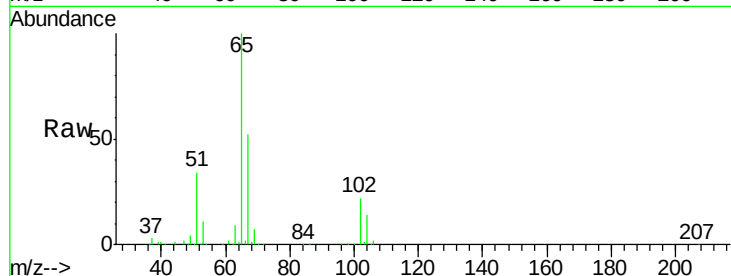




#33
 1,2-Dichloroethane-d4
 Concen: 47.531 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019505.D
 Acq: 20 Nov 2020 18:59

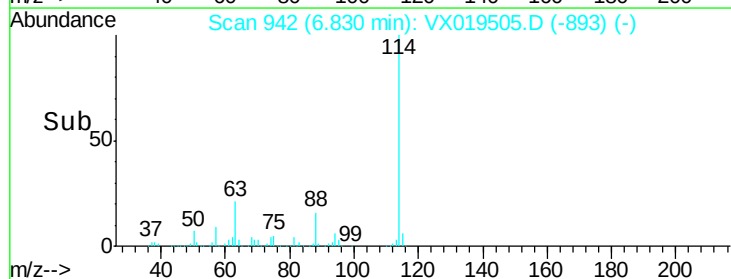
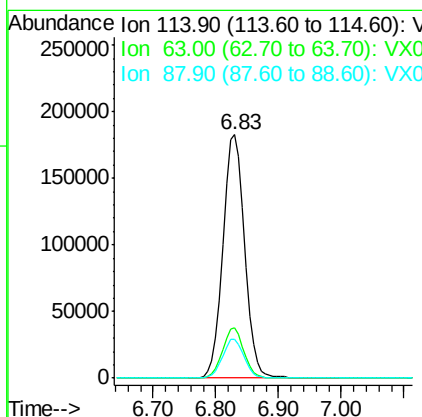
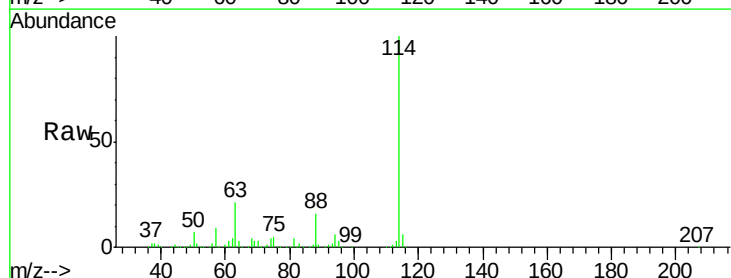
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-03

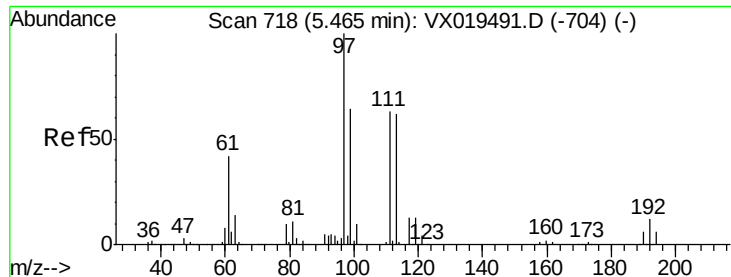
Tot Ion: 65 Resp: 167298
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019505.D
 Acq: 20 Nov 2020 18:59

Tgt Ion: 114 Resp: 438407
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.8
 88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.876 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019505.D

Acq: 20 Nov 2020 18:59

Instrument :

MSVOA_X

ClientSampled :

GW-03

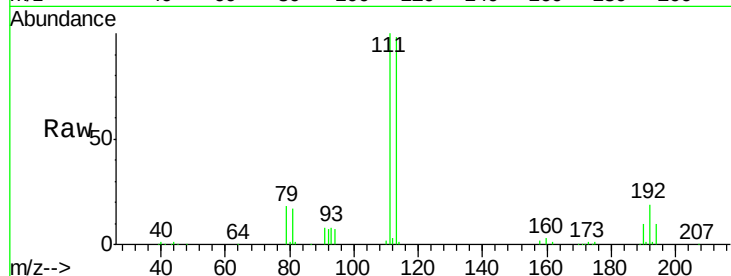
Tot Ion:113 Resp: 131750

Ion Ratio Lower Upper

113 100

111 103.4 81.5 122.3

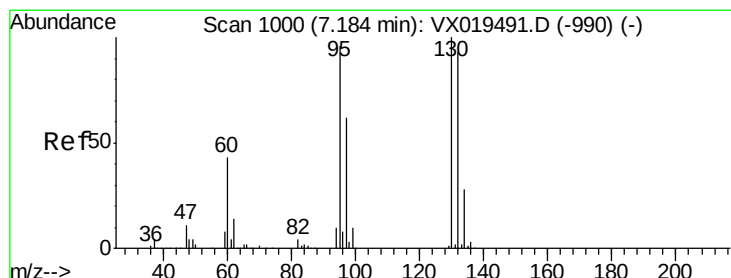
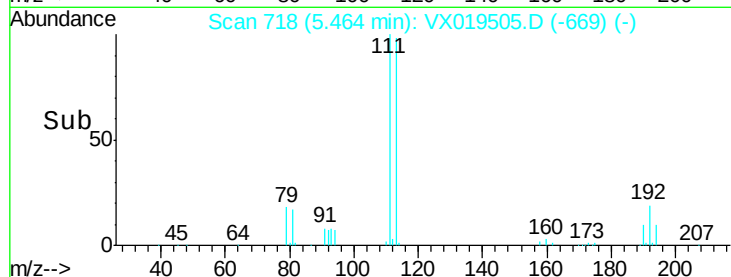
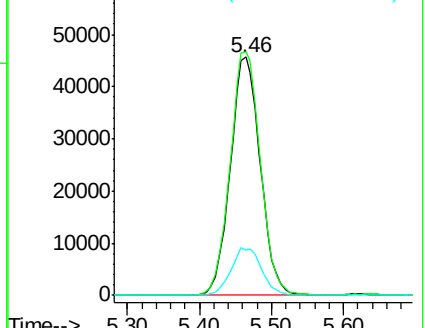
192 20.4 16.2 24.2



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



#44

Trichloroethene

Concen: 0.392 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019505.D

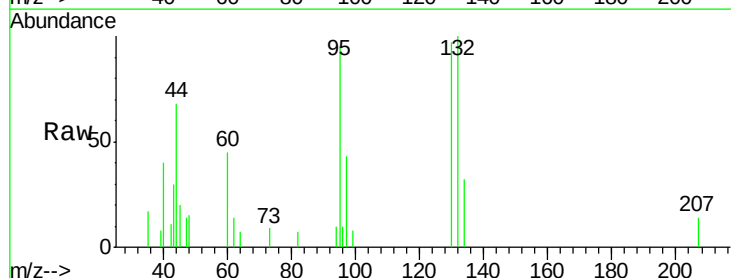
Acq: 20 Nov 2020 18:59

Tgt Ion:130 Resp: 1298

Ion Ratio Lower Upper

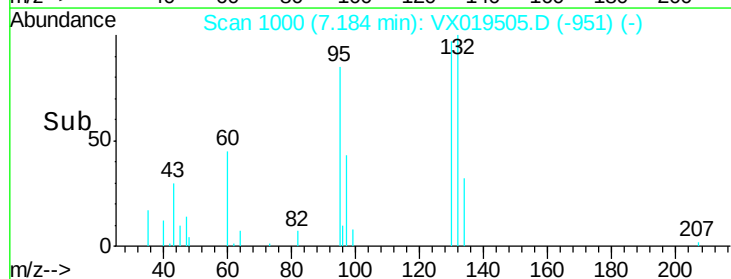
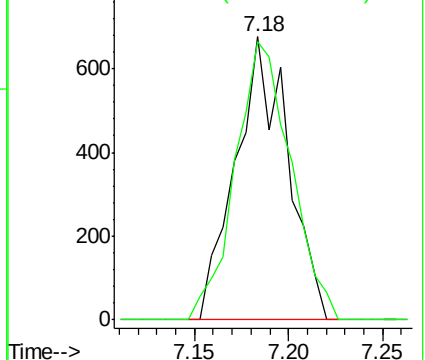
130 100

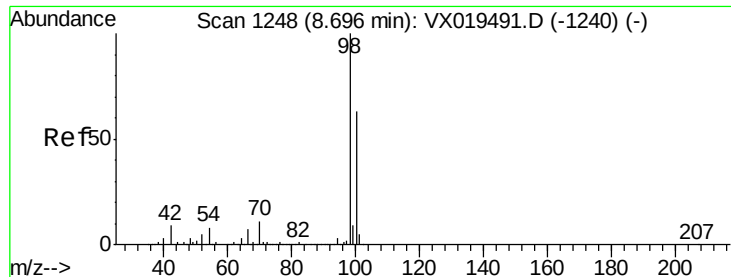
95 98.4 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

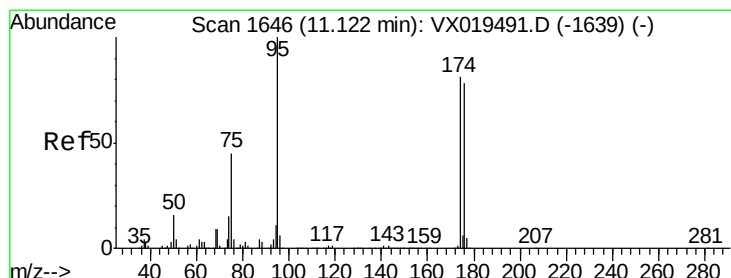
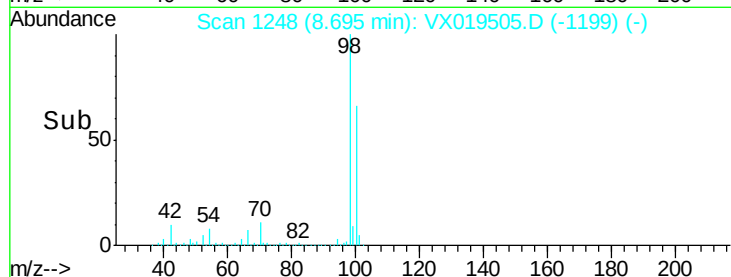
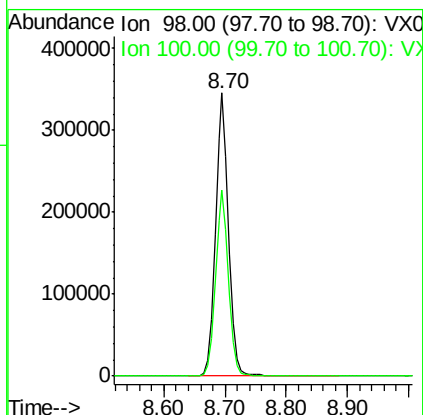
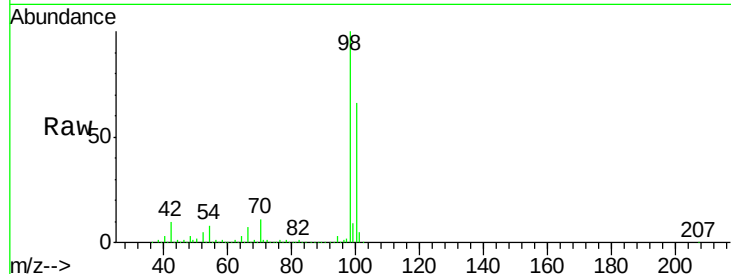




#50
Toluene-d8
Concen: 48.869 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019505.D
Acq: 20 Nov 2020 18:59

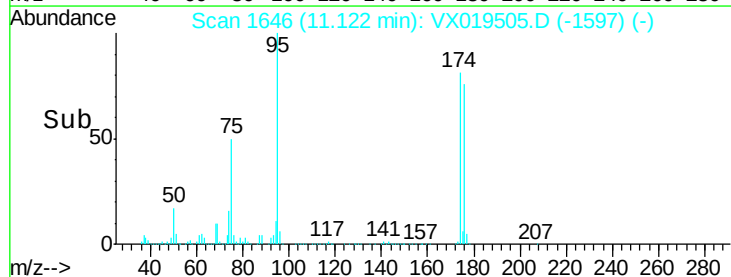
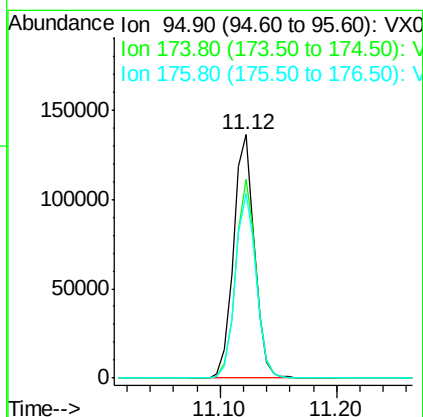
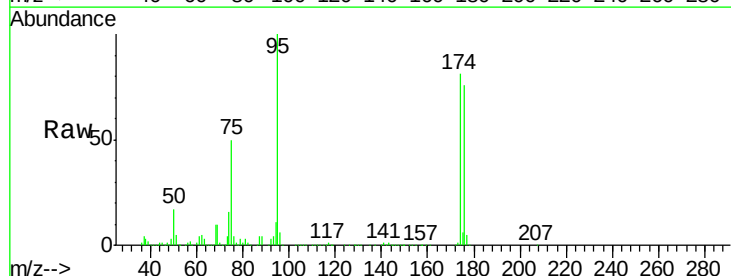
Instrument :
MSVOA_X
ClientSampleId :
GW-03

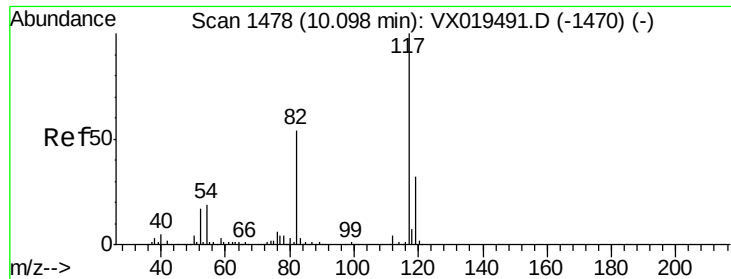
Tot Ion: 98 Resp: 522583
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.458 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019505.D
Acq: 20 Nov 2020 18:59

Tgt Ion: 95 Resp: 171048
Ion Ratio Lower Upper
95 100
174 78.8 0.0 156.2
176 75.4 0.0 151.4

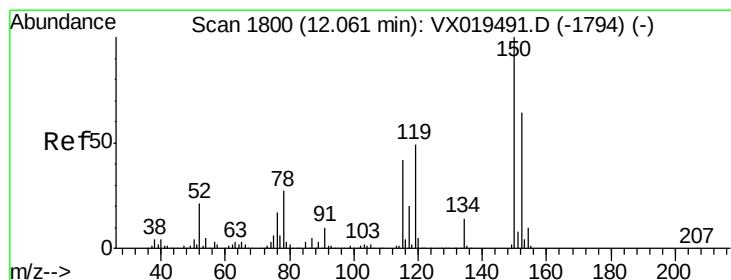
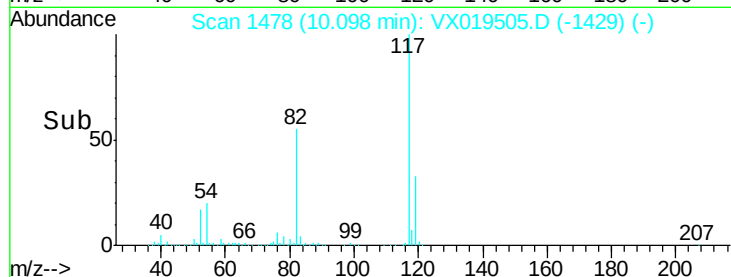
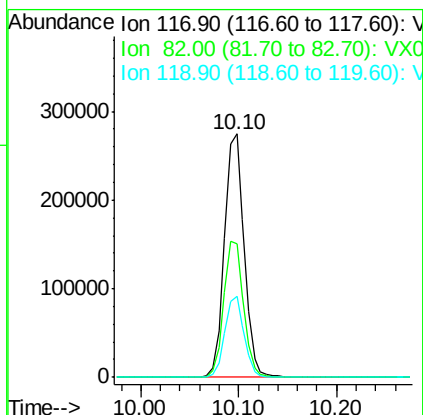
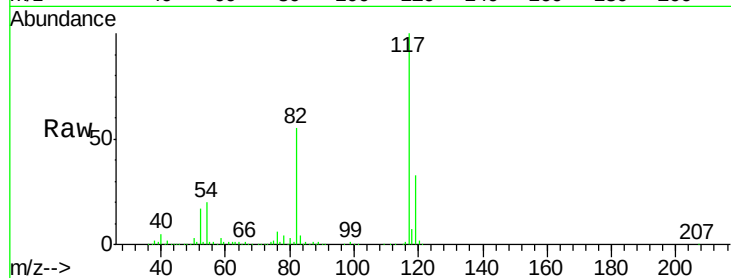




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019505.D
Acq: 20 Nov 2020 18:59

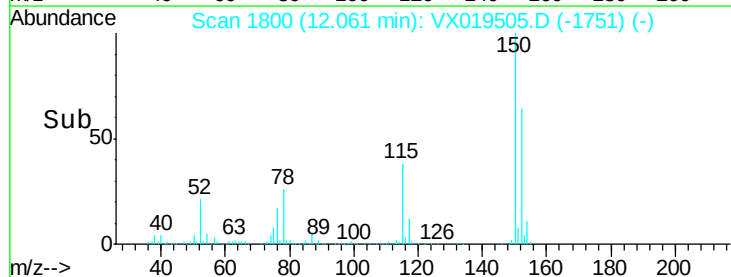
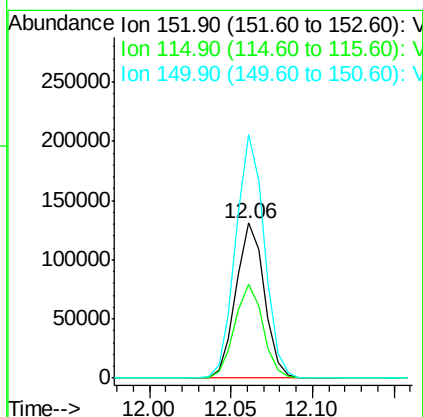
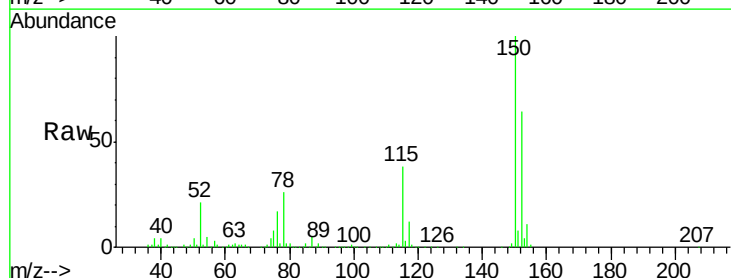
Instrument :
MSVOA_X
ClientSampleId :
GW-03

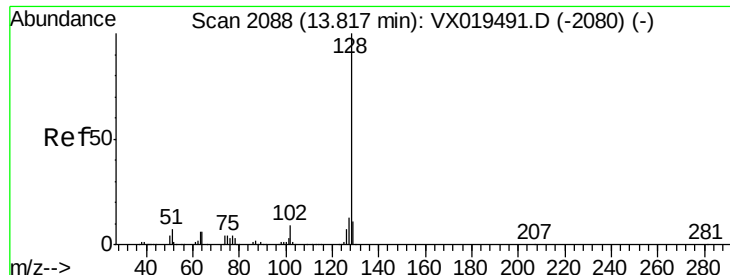
Tot Ion:117 Resp: 382207
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 33.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019505.D
Acq: 20 Nov 2020 18:59

Tgt Ion:152 Resp: 158752
Ion Ratio Lower Upper
152 100
115 60.1 41.8 125.4
150 158.4 0.0 348.2





#95

Naphthalene

Concen: 2.662 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019505.D

Acq: 20 Nov 2020 18:59

Instrument :

MSVOA_X

ClientSampleId :

GW-03

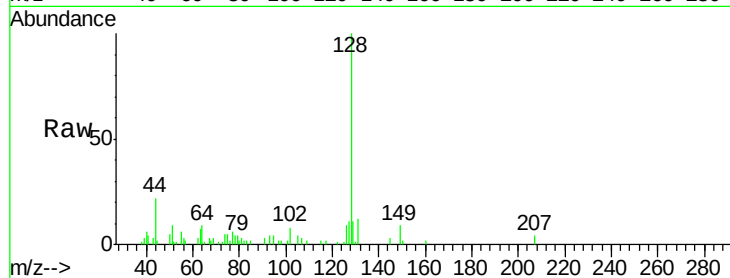
Tot Ion:128 Resp: 5930

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 14.3 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

