

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
 Data File : VX019147.D
 Acq On : 27 Oct 2020 19:25
 Operator : JC/MD
 Sample : L4504-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Oct 28 02:53:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	322353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	558510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	537817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	275426	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	210708	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
35) Dibromofluoromethane	5.46	113	170671	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	
50) Toluene-d8	8.70	98	689932	52.17	ug/l	0.00
Spiked Amount			Recovery	=	104.34%	
62) 4-Bromofluorobenzene	11.12	95	266872	53.29	ug/l	0.00
Spiked Amount			Recovery	=	106.58%	

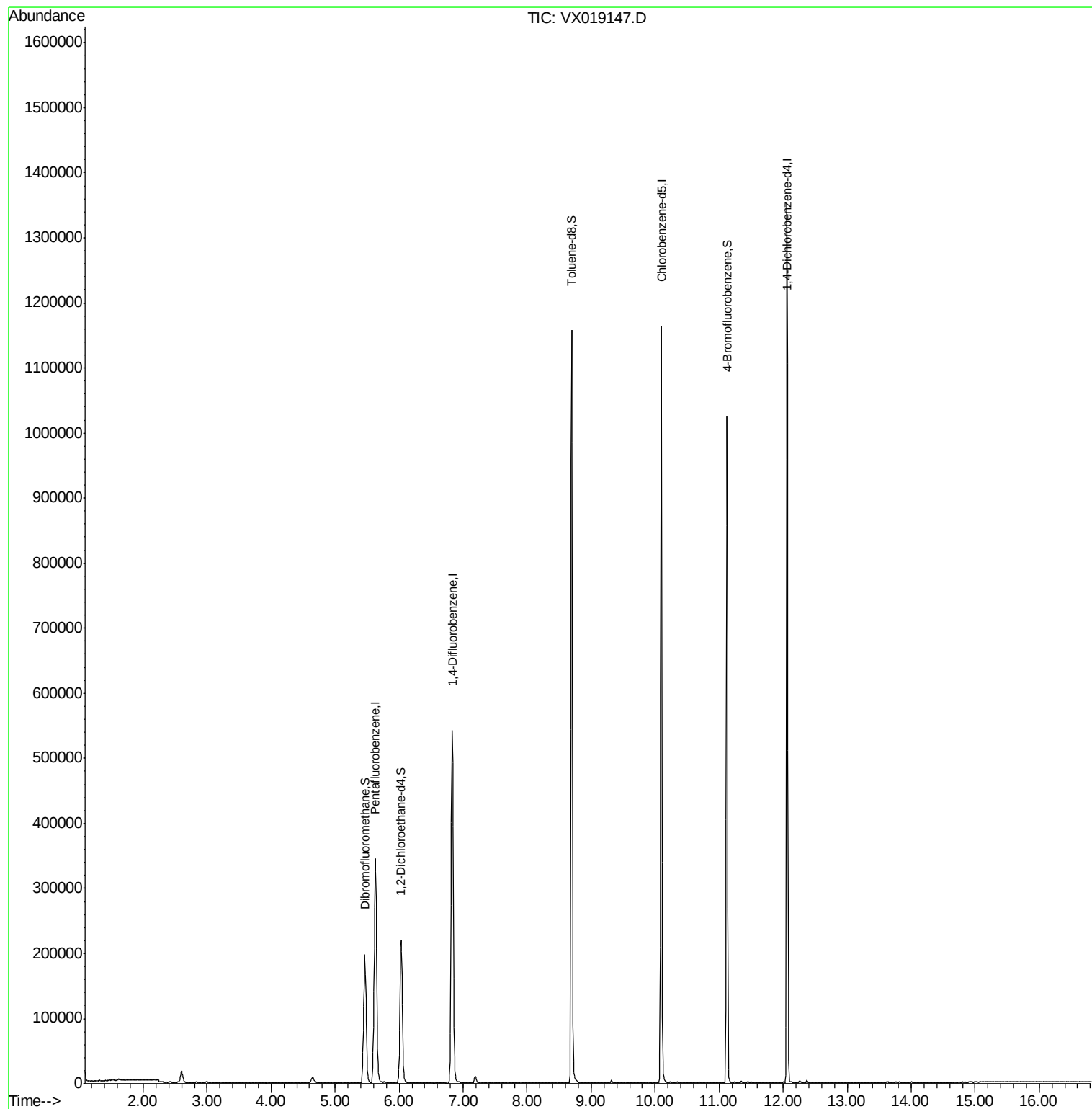
Target Compounds	Qvalue
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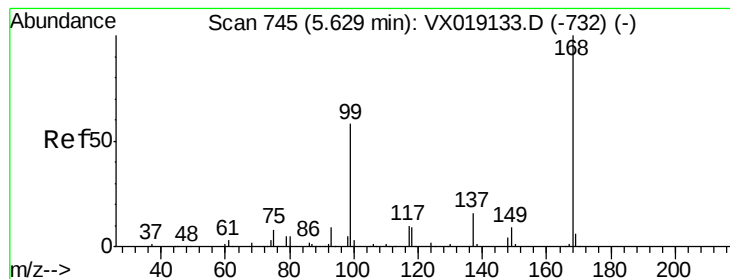
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019147.D

Acq: 27 Oct 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

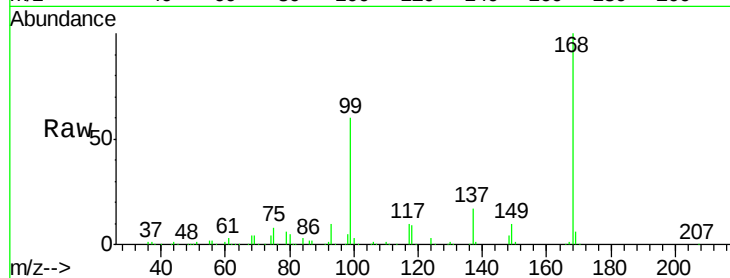
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 322353

Ion Ratio Lower Upper

168 100

99 60.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

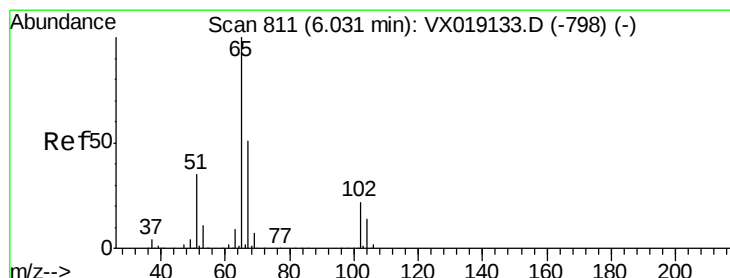
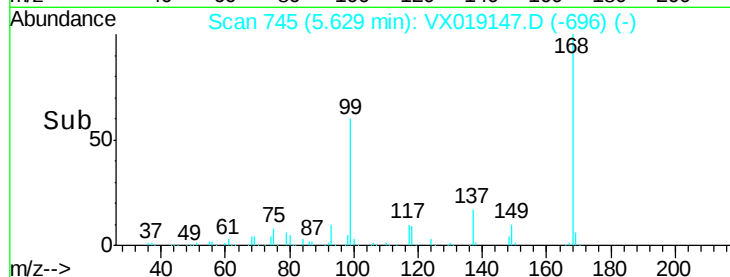
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.686 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019147.D

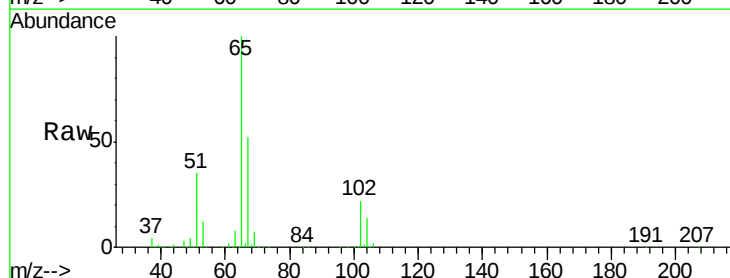
Acq: 27 Oct 2020 19:25

Tgt Ion: 65 Resp: 210708

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

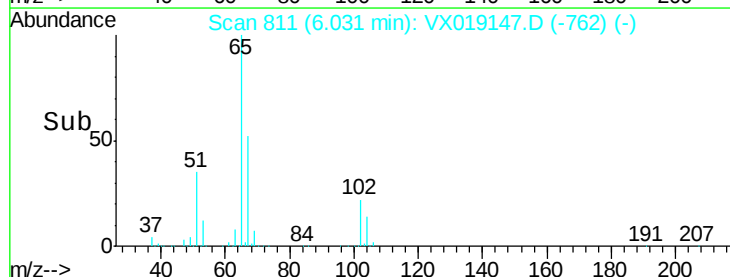
40000

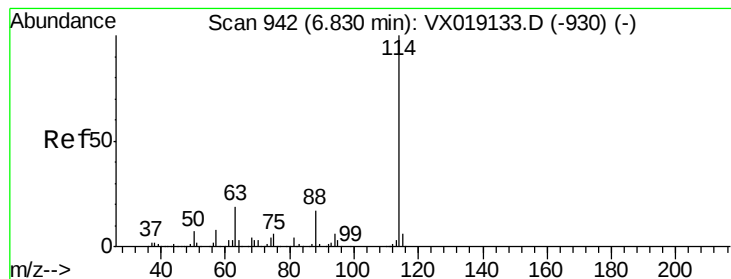
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019147.D

Acq: 27 Oct 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

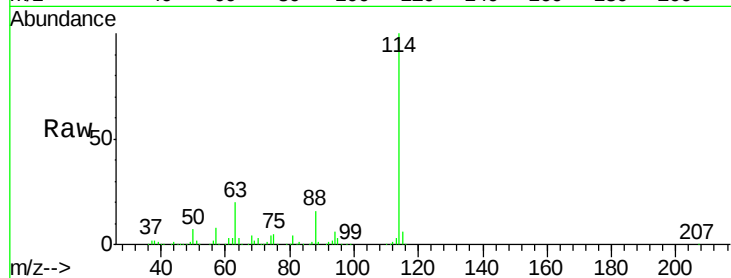
Tot Ion:114 Resp: 558510

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

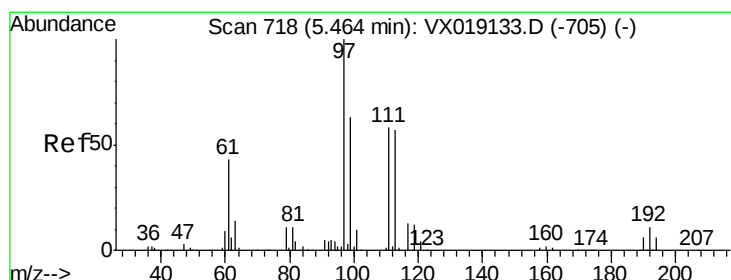
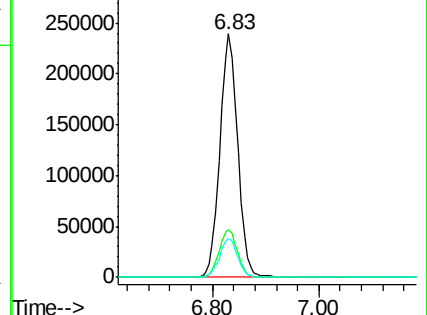
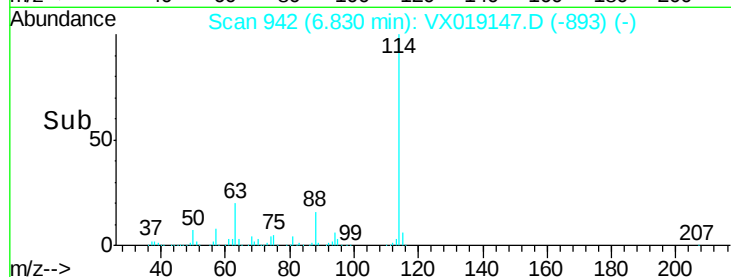
88 15.9 0.0 34.2



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: 48.649 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019147.D

Acq: 27 Oct 2020 19:25

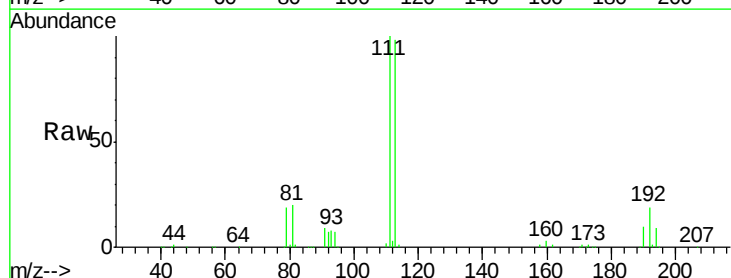
Tgt Ion:113 Resp: 170671

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

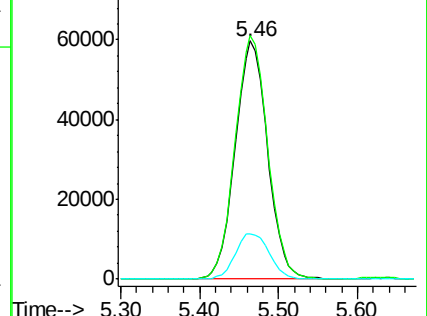
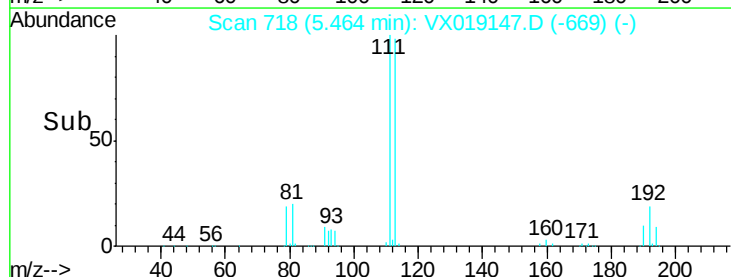
192 20.1 16.2 24.2

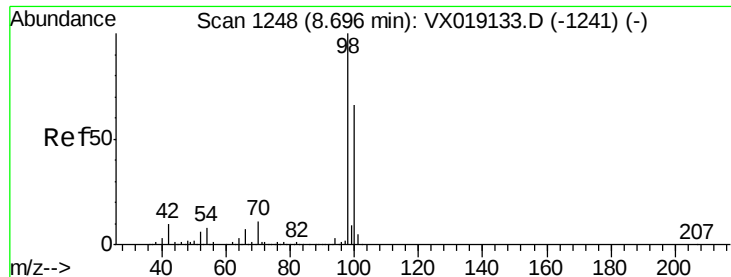


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

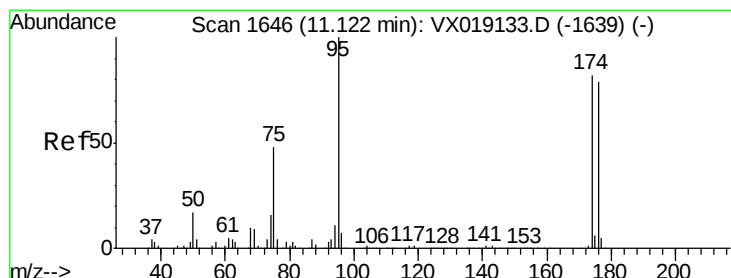
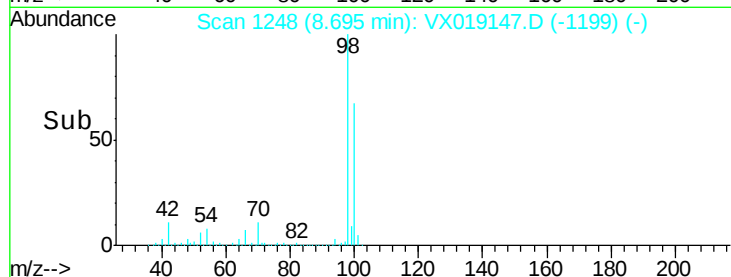
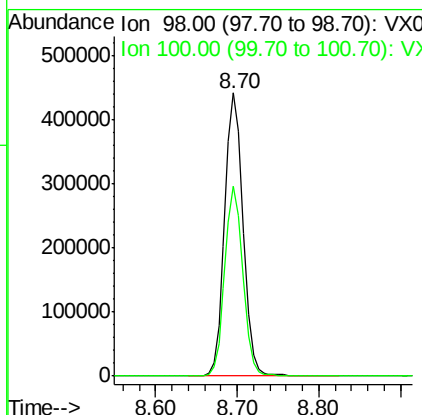
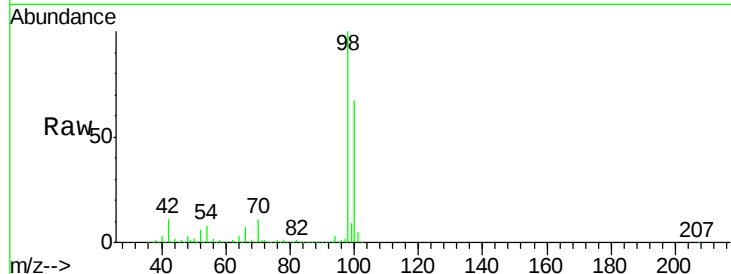




#50
Toluene-d8
Concen: 52.170 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019147.D
Acq: 27 Oct 2020 19:25

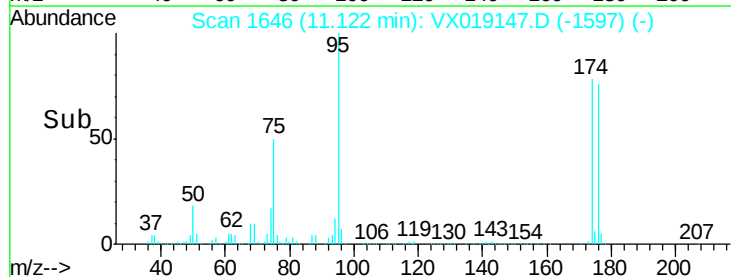
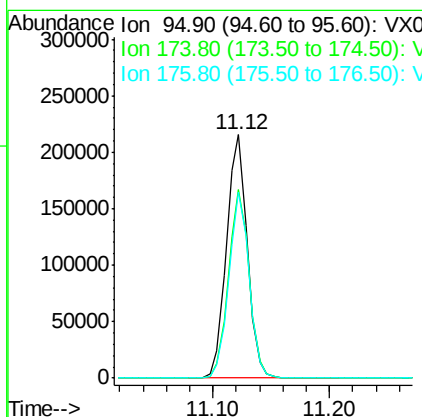
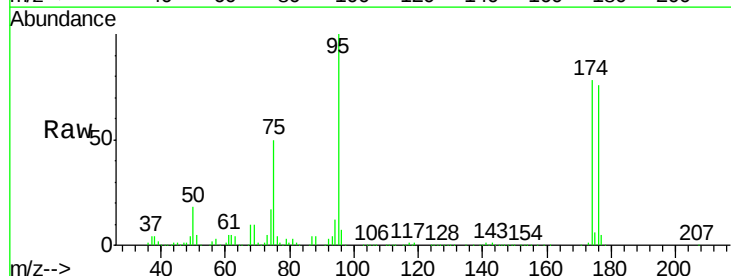
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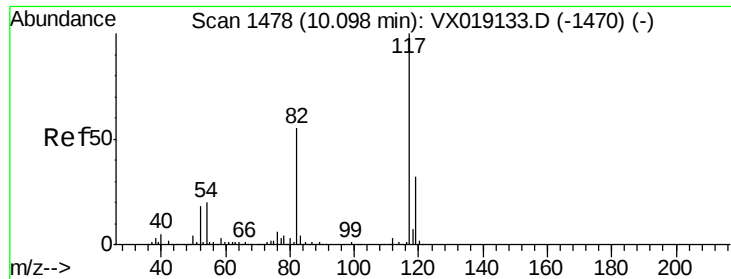
Tot Ion: 98 Resp: 689932
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 53.286 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019147.D
Acq: 27 Oct 2020 19:25

Tgt Ion: 95 Resp: 266872
Ion Ratio Lower Upper
95 100
174 77.3 0.0 156.0
176 75.0 0.0 149.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019147.D

Acq: 27 Oct 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

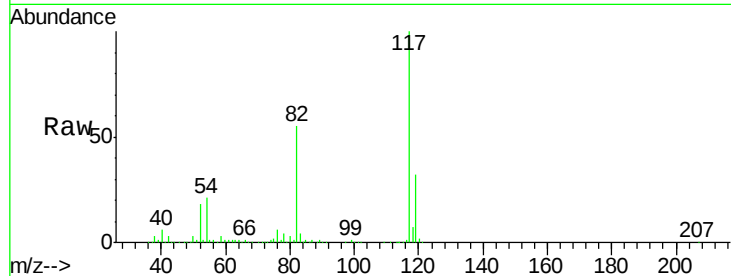
Tot Ion:117 Resp: 537817

Ion Ratio Lower Upper

117 100

82 55.3 43.6 65.4

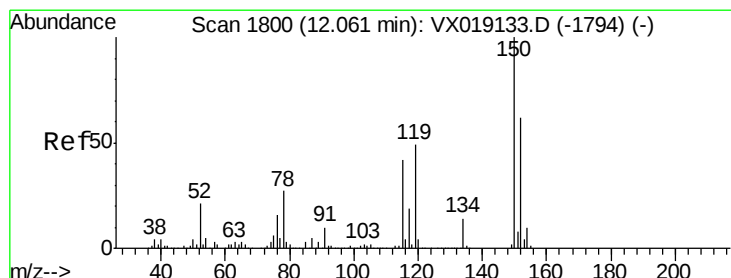
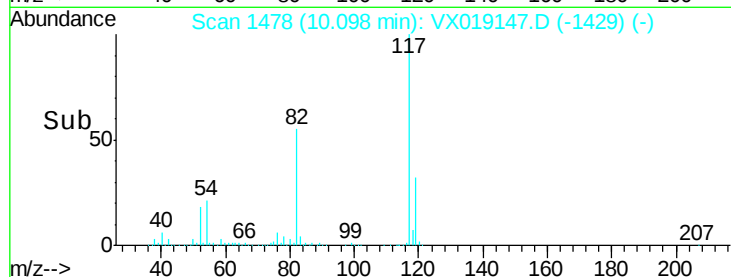
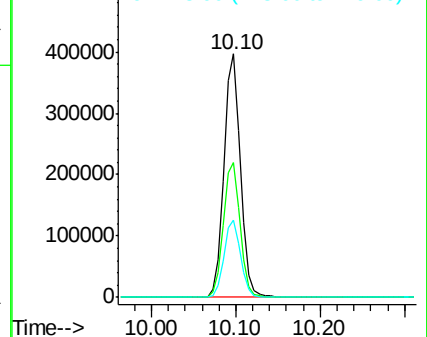
119 31.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019147.D

Acq: 27 Oct 2020 19:25

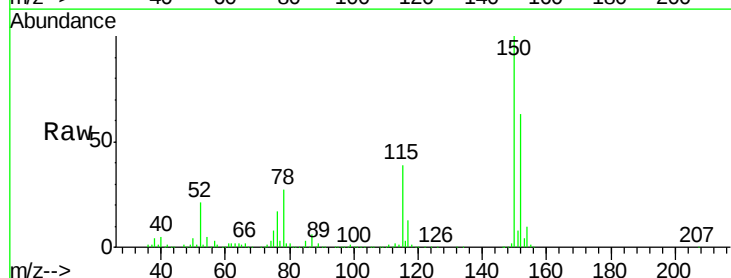
Tgt Ion:152 Resp: 275426

Ion Ratio Lower Upper

152 100

115 60.4 41.9 125.7

150 155.8 0.0 347.8



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

