

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019723.D
 Acq On : 04 Dec 2020 17:44
 Operator : JC/MD
 Sample : L4959-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Dec 05 04:24:11 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	338995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	563889	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	508110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	228126	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	208177	46.72	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.44%	
35) Dibromofluoromethane		5.46	113	170306	46.73	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.46%	
50) Toluene-d8		8.70	98	665794	47.85	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.70%	
62) 4-Bromofluorobenzene		11.12	95	240691	45.45	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.90%	

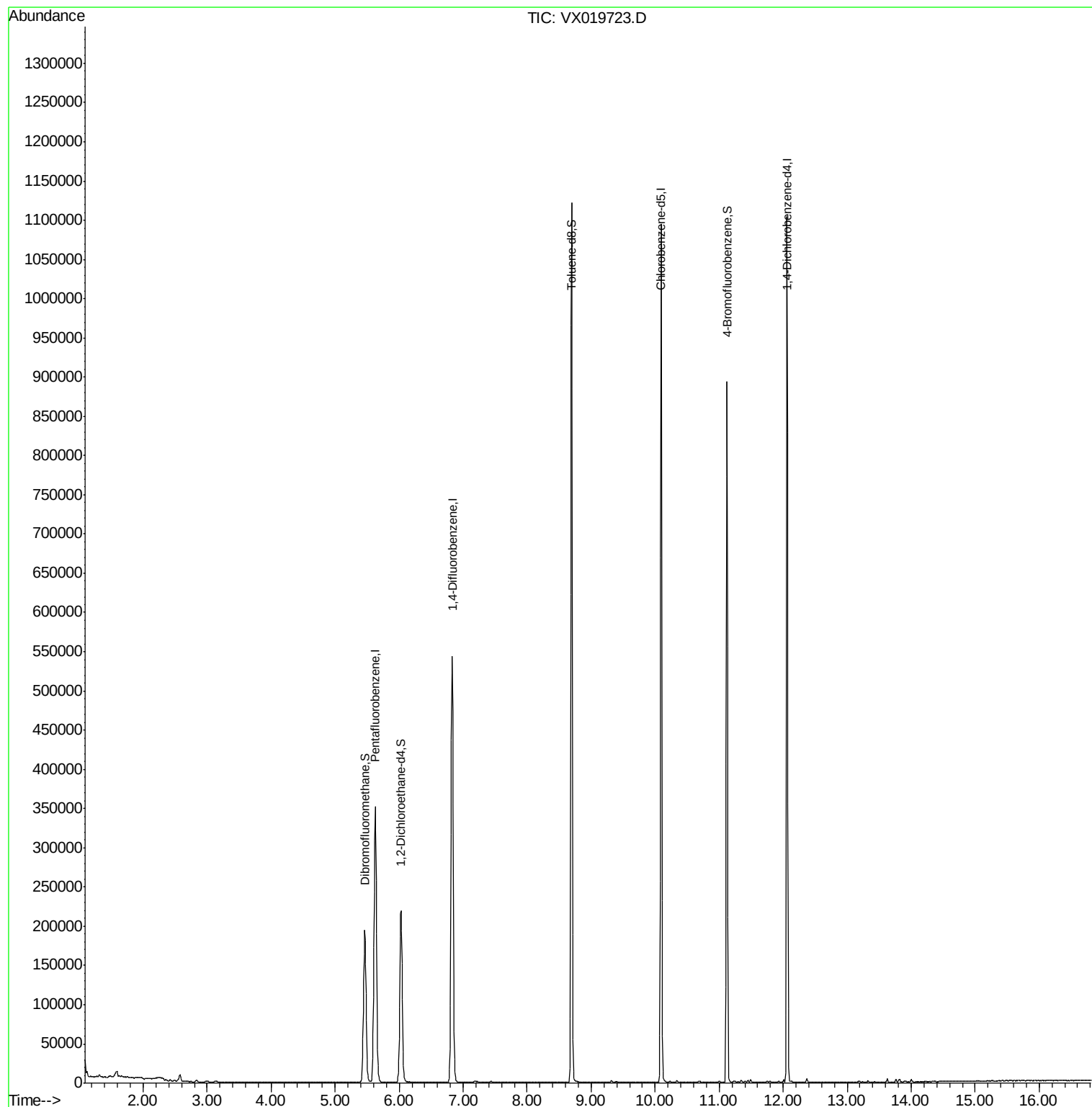
Target Compounds	Qvalue

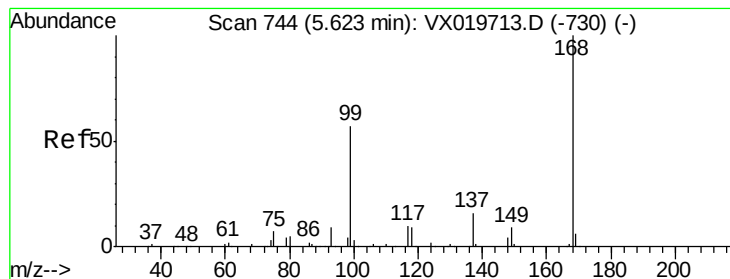
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019723.D

Acq: 04 Dec 2020 17:44

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MSVOA_X

ClientSampleId :

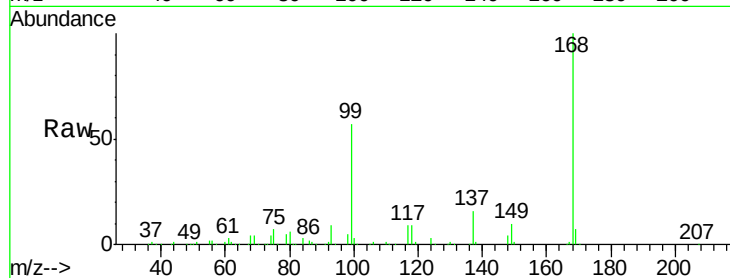
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 338995

Ion Ratio Lower Upper

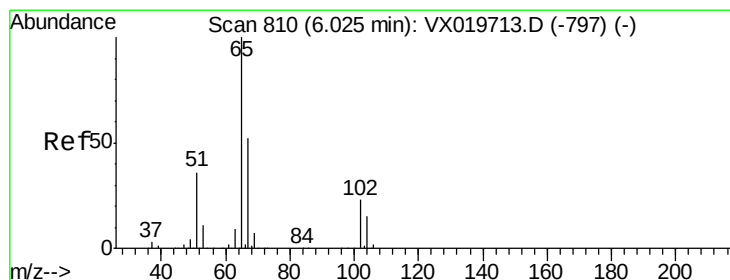
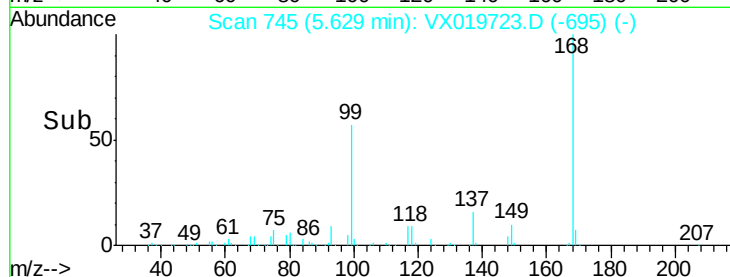
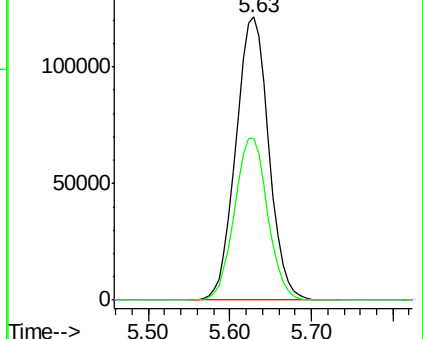
168 100

99 57.3 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: 46.725 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019723.D

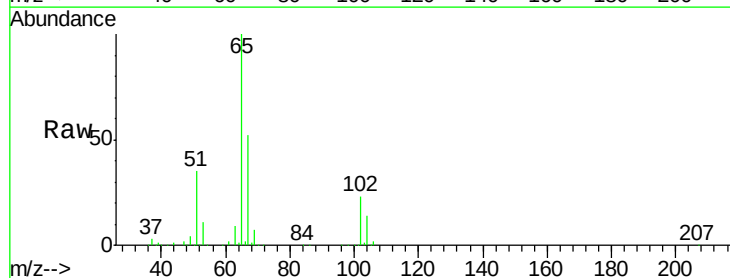
Acq: 04 Dec 2020 17:44

Tgt Ion: 65 Resp: 208177

Ion Ratio Lower Upper

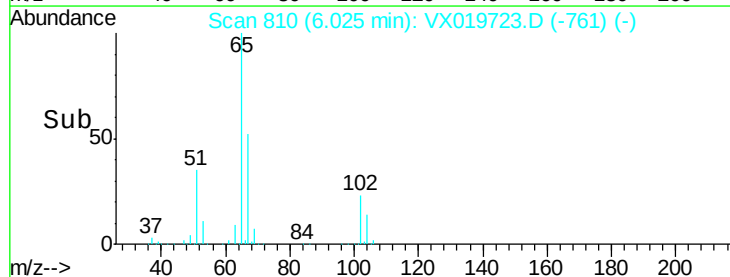
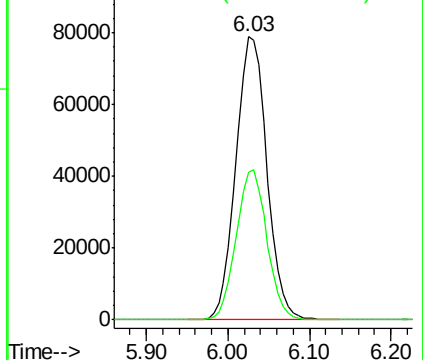
65 100

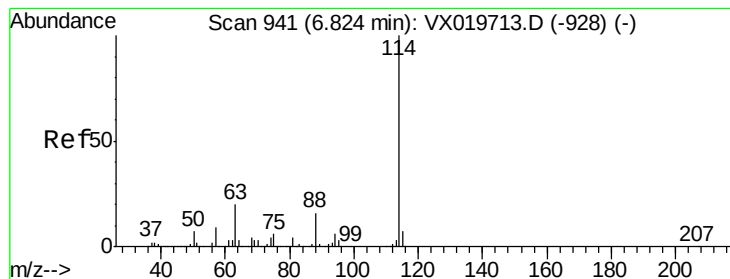
67 52.5 0.0 105.4



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: VX019723.D

Acq: 04 Dec 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

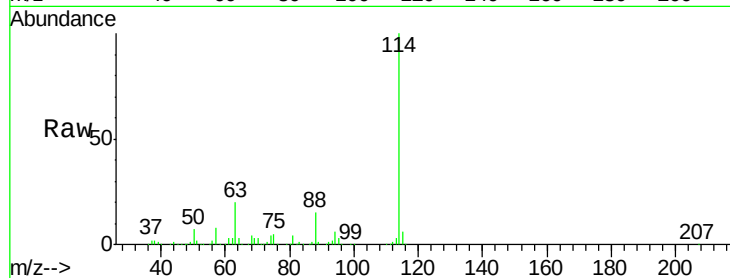
Tot Ion:114 Resp: 563889

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

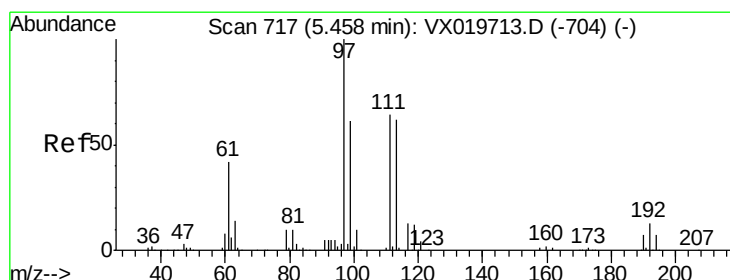
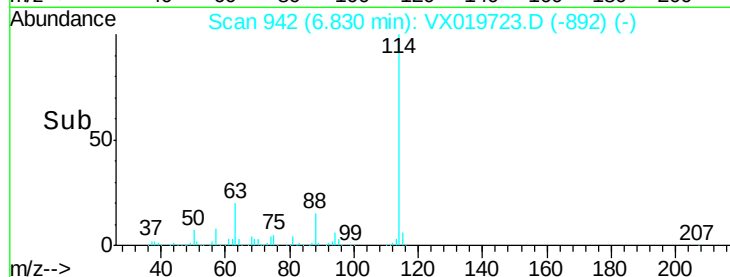
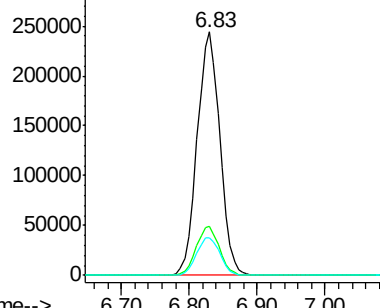
88 15.5 0.0 32.8



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: 46.732 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019723.D

Acq: 04 Dec 2020 17:44

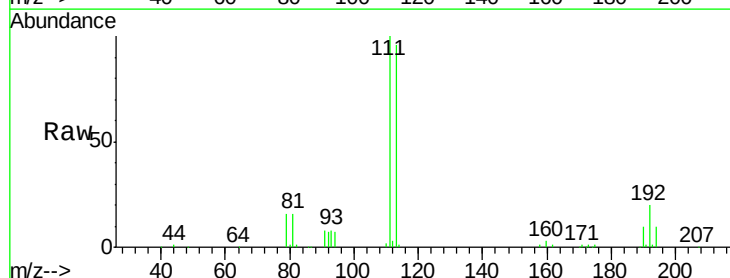
Tgt Ion:113 Resp: 170306

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

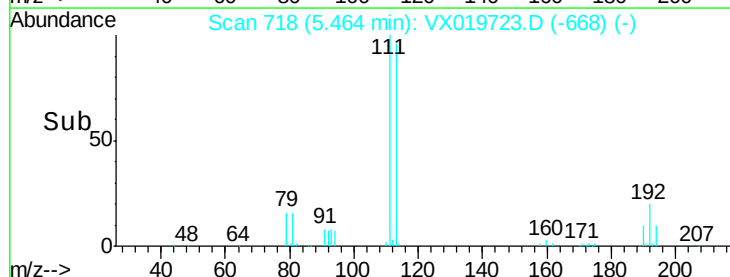
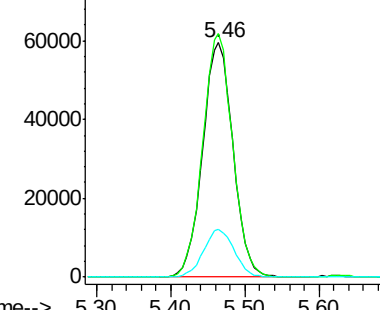
192 20.5 16.7 25.1

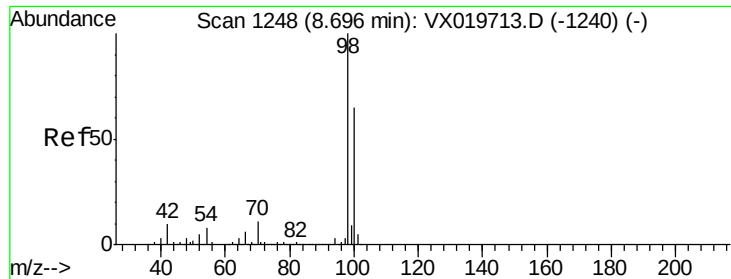


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

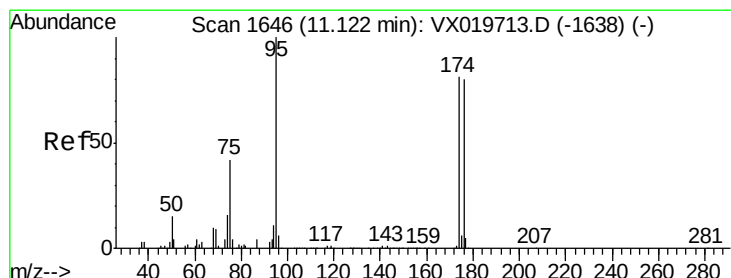
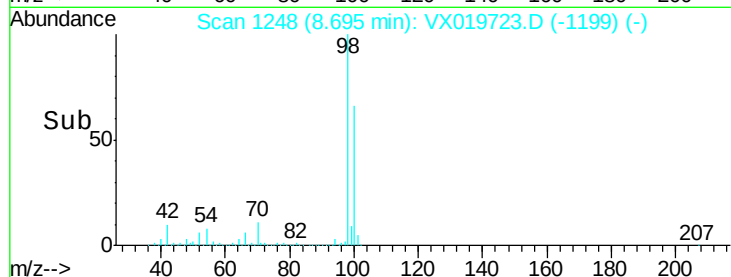
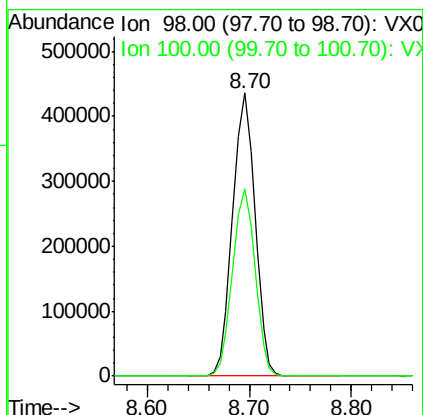
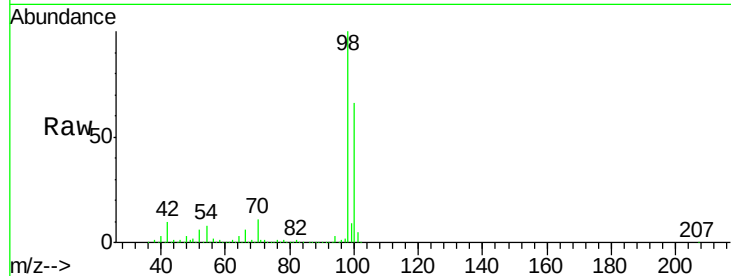




#50
Toluene-d8
Concen: 47.854 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019723.D
Acq: 04 Dec 2020 17:44

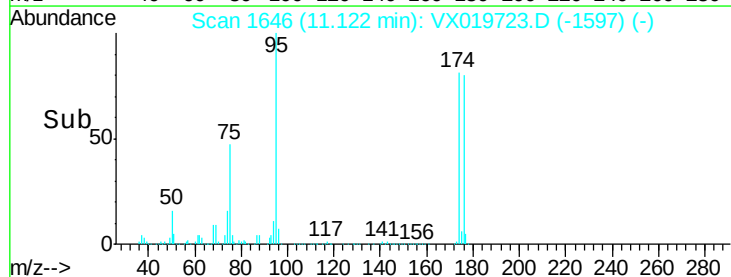
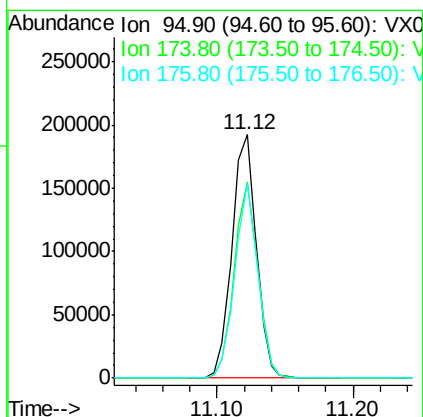
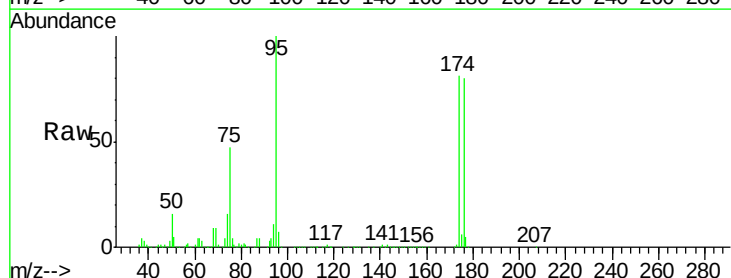
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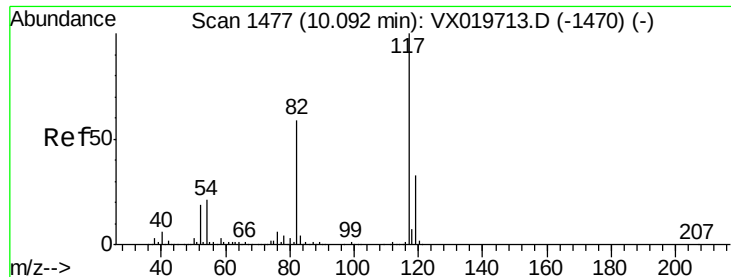
Tot Ion: 98 Resp: 665794
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.452 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019723.D
Acq: 04 Dec 2020 17:44

Tgt Ion: 95 Resp: 240691
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 75.4 0.0 155.8

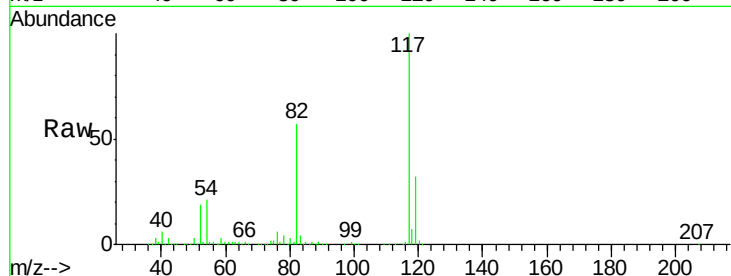




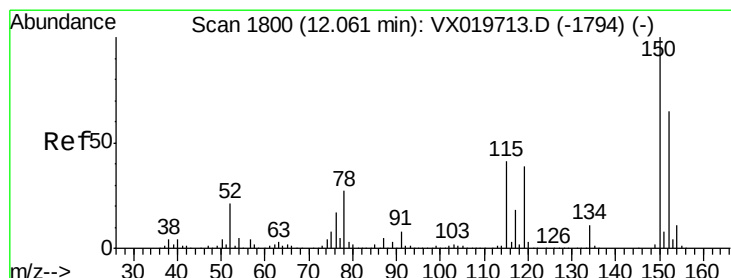
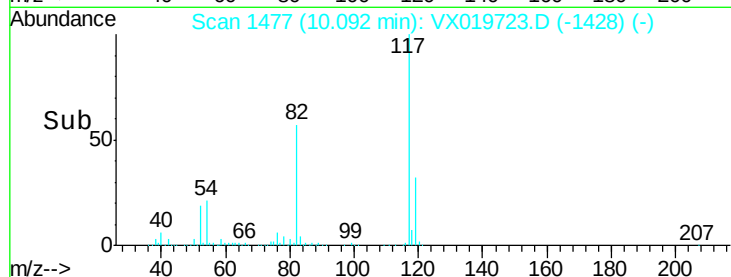
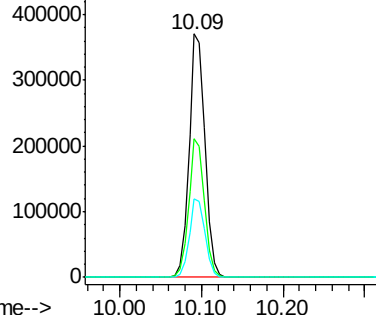
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019723.D
Acq: 04 Dec 2020 17:44

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

Tot Ion:117 Resp: 508110
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 32.3 26.6 39.8

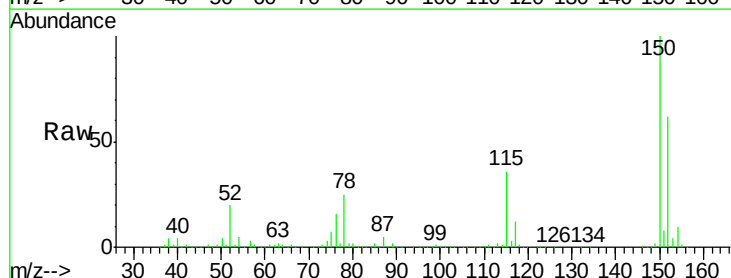


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019723.D
Acq: 04 Dec 2020 17:44

Tgt Ion:152 Resp: 228126
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 158.0 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

