

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016772.D
 Acq On : 16 Jun 2020 12:28
 Operator : JC/SP
 Sample : L3000-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 17 04:16:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	244326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	394340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	391078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193876	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	139390	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
35) Dibromofluoromethane	5.46	113	116906	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
50) Toluene-d8	8.70	98	477481	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	11.12	95	187691	54.70	ug/l	0.00
Spiked Amount			Recovery	=	109.40%	

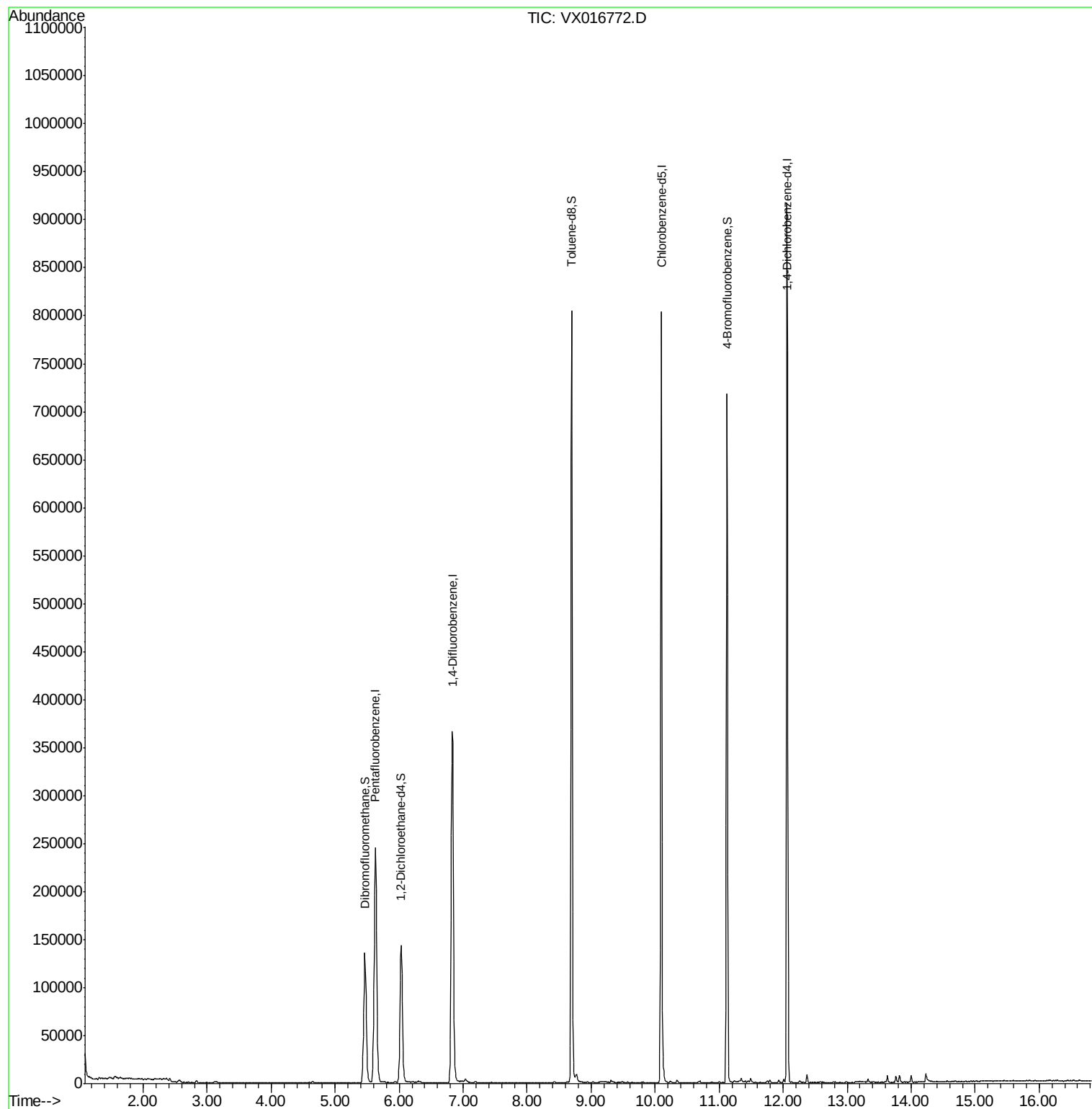
Target Compounds	Qvalue
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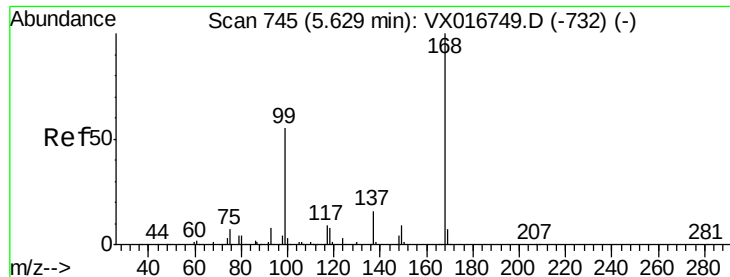
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016772.D

Acq: 16 Jun 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

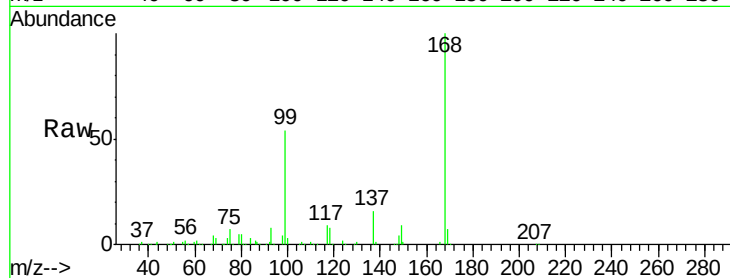
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 244326

Ion Ratio Lower Upper

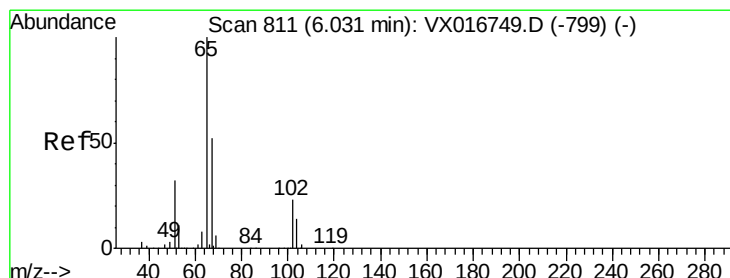
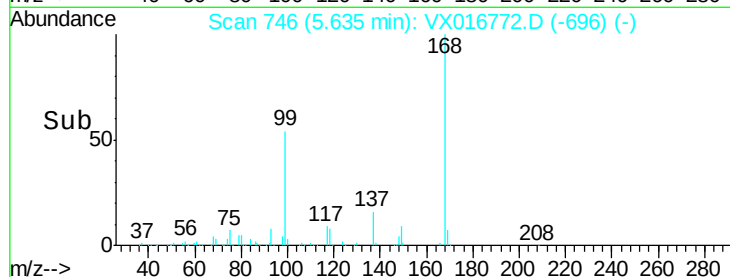
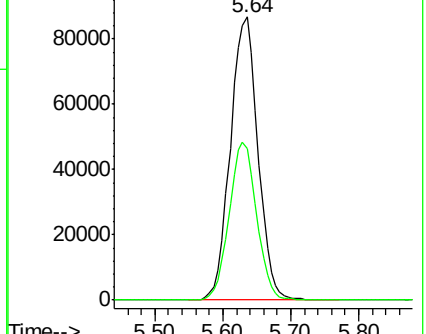
168 100

99 53.6 43.8 65.6



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: 50.722 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016772.D

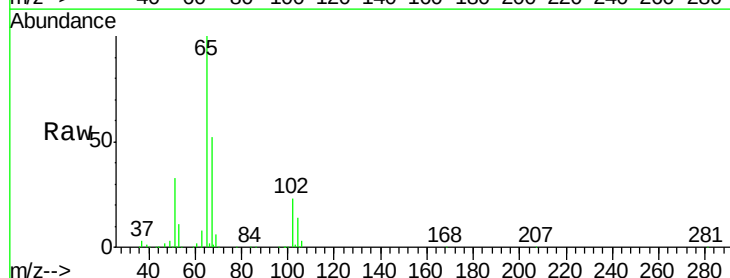
Acq: 16 Jun 2020 12:28

Tgt Ion: 65 Resp: 139390

Ion Ratio Lower Upper

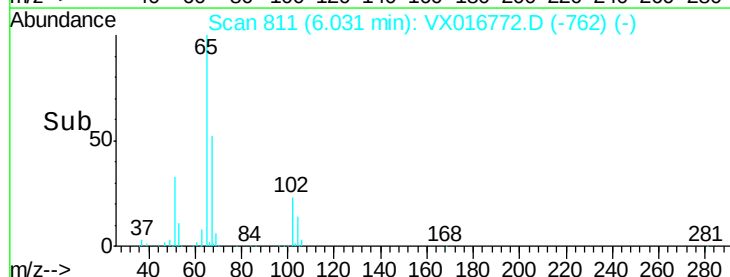
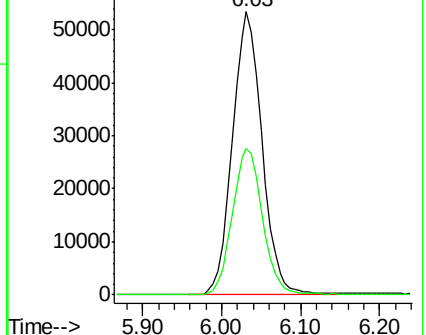
65 100

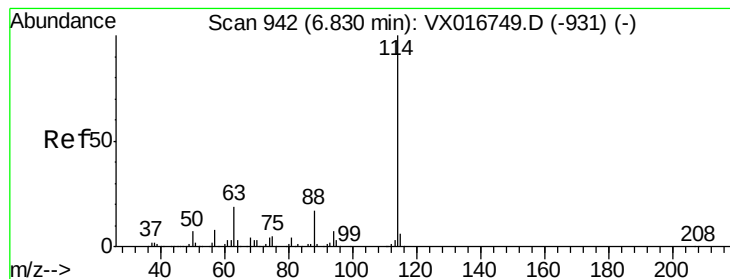
67 52.9 0.0 103.0



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: VX016772.D

Acq: 16 Jun 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

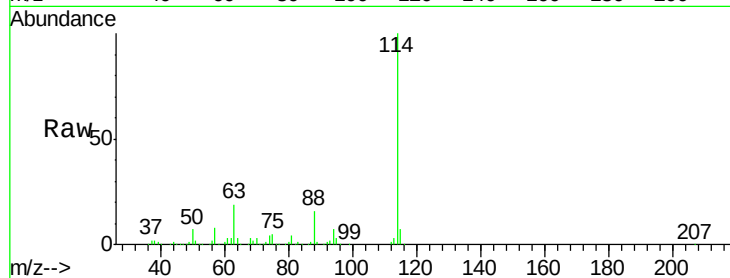
Tot Ion:114 Resp: 394340

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.8

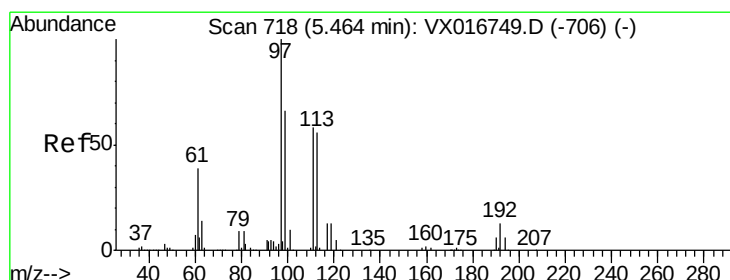
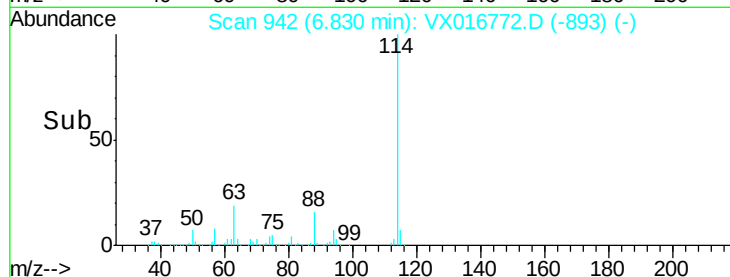
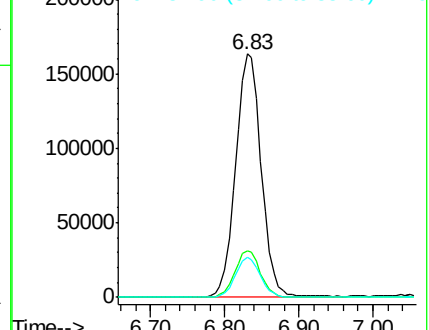
88 16.3 0.0 33.4



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: 48.050 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016772.D

Acq: 16 Jun 2020 12:28

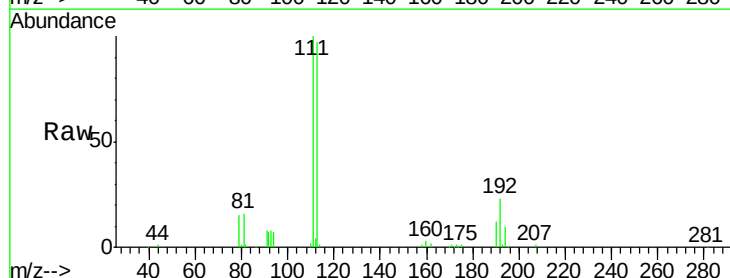
Tgt Ion:113 Resp: 116906

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.6

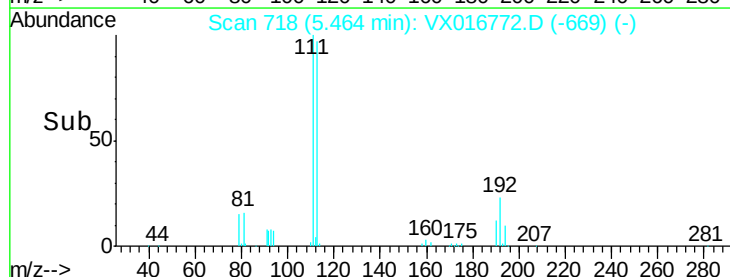
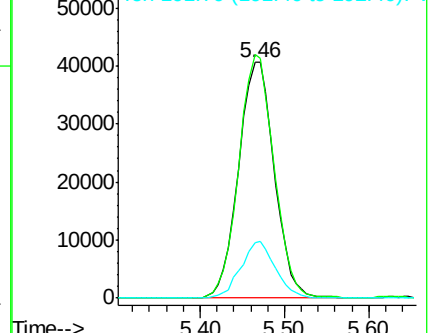
192 23.2 18.2 27.4

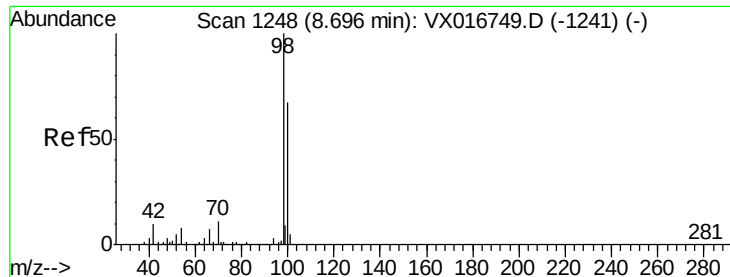


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

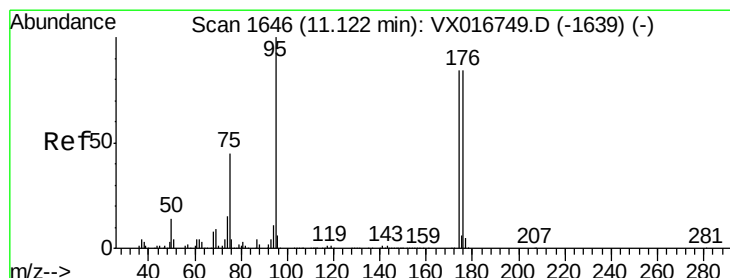
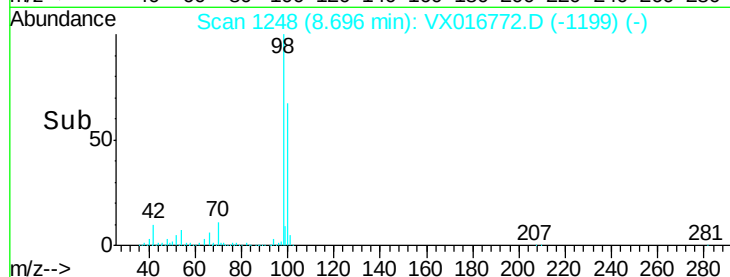
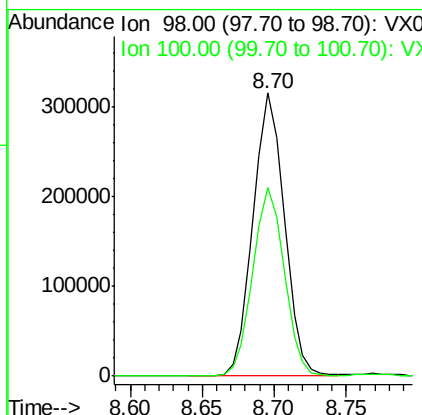
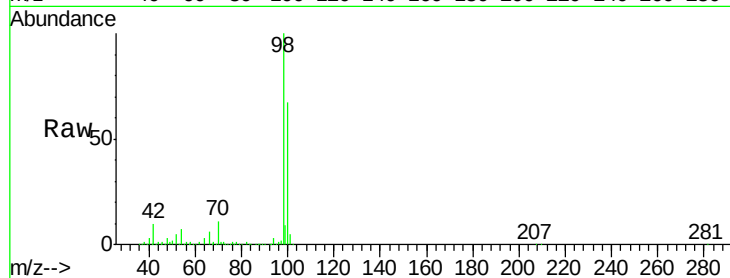




#50
Toluene-d8
Concen: 53.224 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016772.D
Acq: 16 Jun 2020 12:28

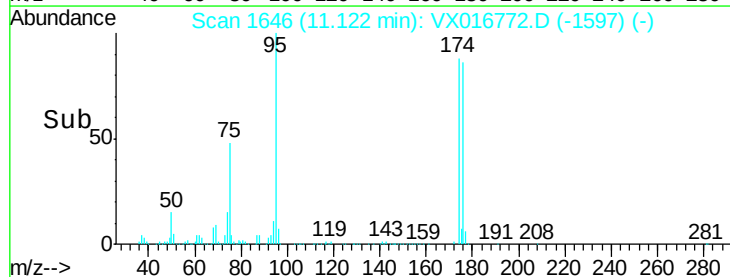
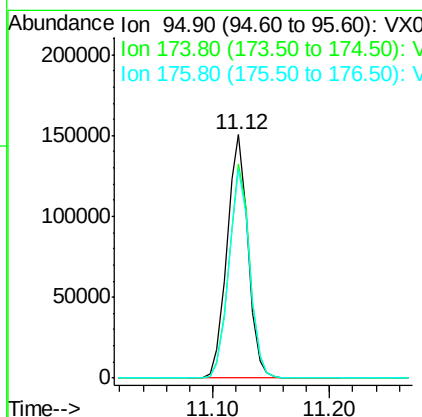
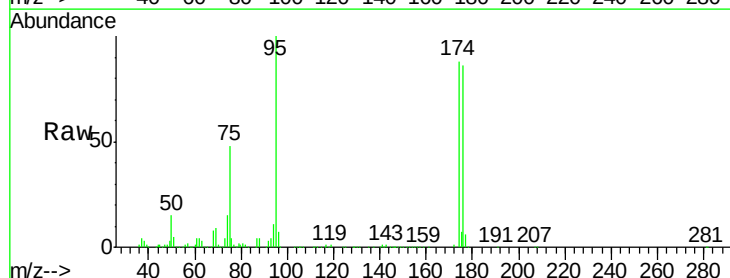
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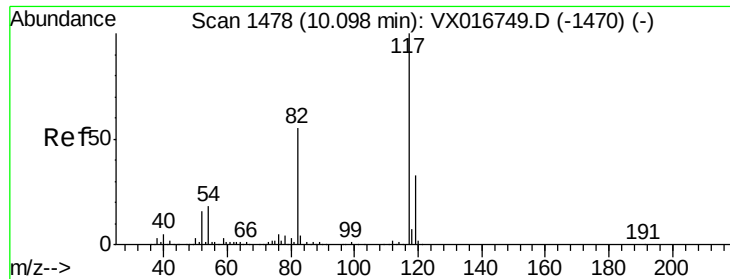
Tot Ion: 98 Resp: 477481
Ion Ratio Lower Upper
98 100
100 66.6 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 54.697 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016772.D
Acq: 16 Jun 2020 12:28

Tgt Ion: 95 Resp: 187691
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.0
176 85.1 0.0 166.2

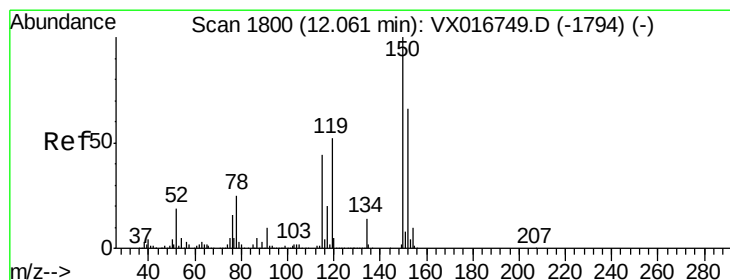
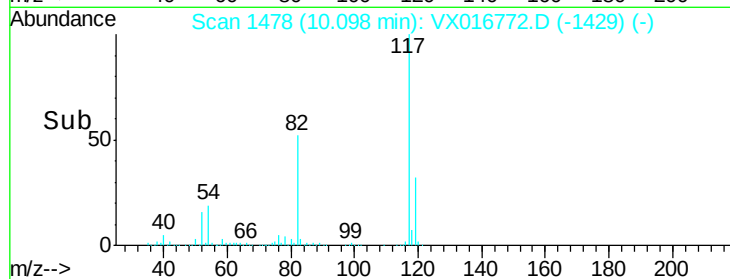
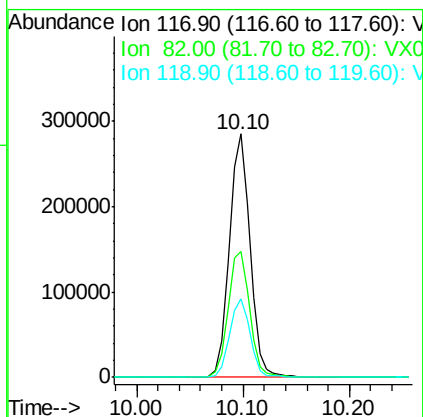
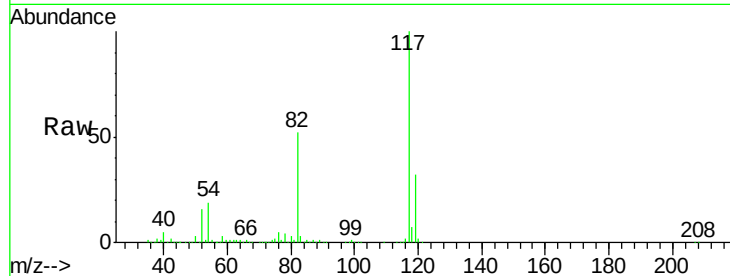




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016772.D
Acq: 16 Jun 2020 12:28

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.8	65.6
119	32.2	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016772.D
Acq: 16 Jun 2020 12:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	40.3	120.8
150	156.8	0.0	337.4

