

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016273.D
 Acq On : 15 May 2020 12:24
 Operator : JC/SP
 Sample : L2669-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-5

Quant Time: May 16 07:30:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	256117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	421357	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207597	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	154969	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
35) Dibromofluoromethane	5.46	113	122654	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
50) Toluene-d8	8.70	98	529631	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.12	95	207364	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	

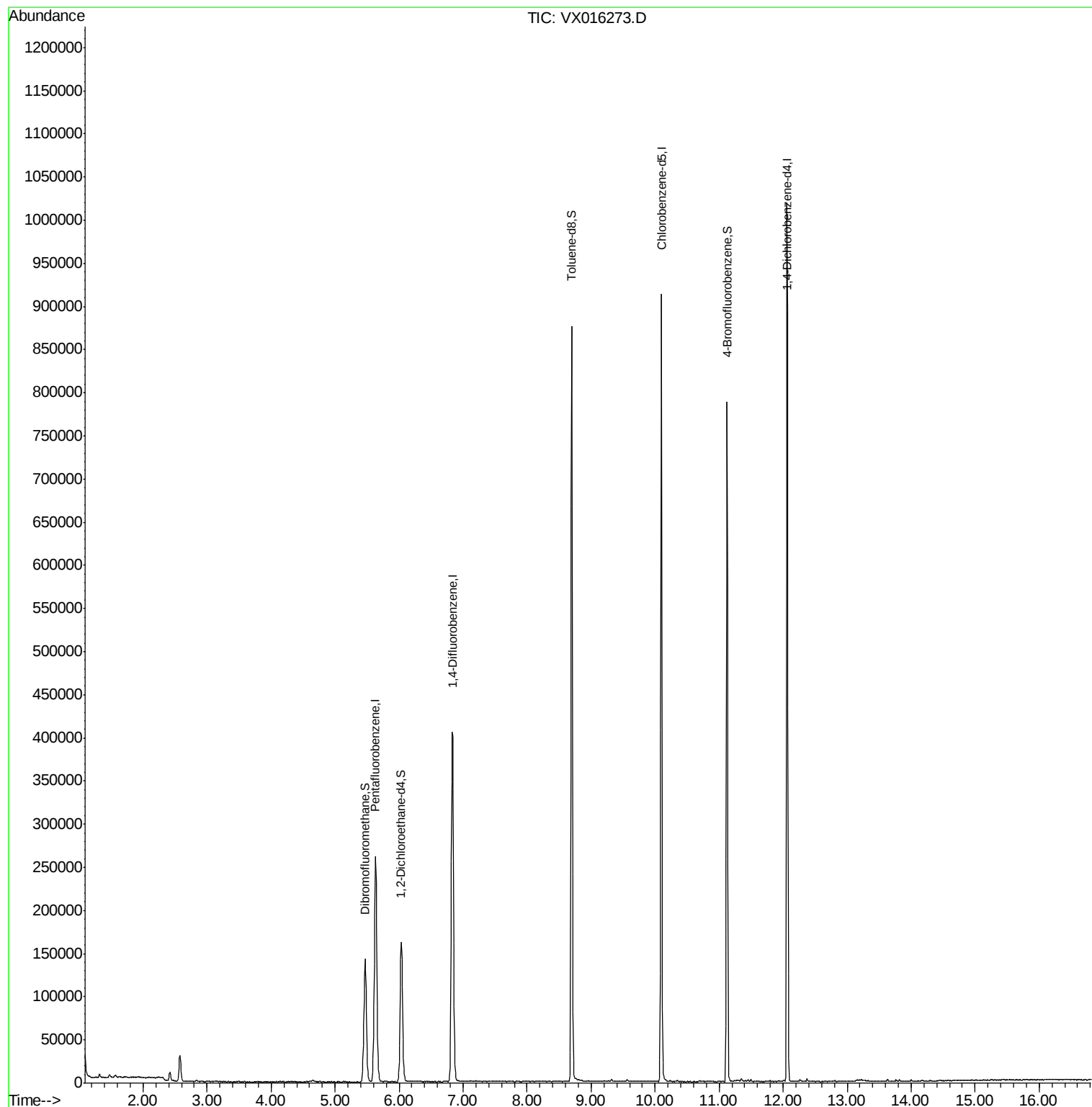
Target Compounds	Qvalue

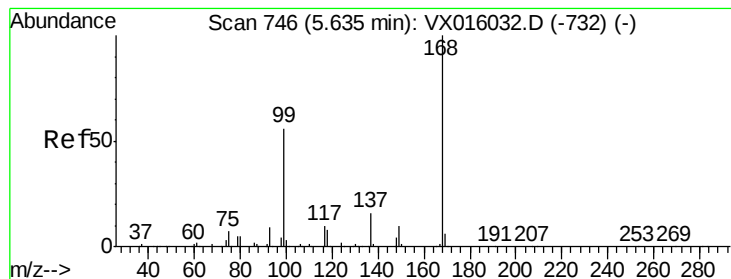
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016273.D

Acq: 15 May 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

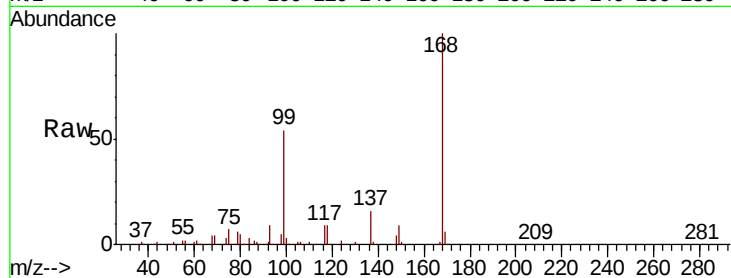
STORAGE-BLANK-SOIL-REF-5

Tot Ion:168 Resp: 256117

Ion Ratio Lower Upper

168 100

99 54.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

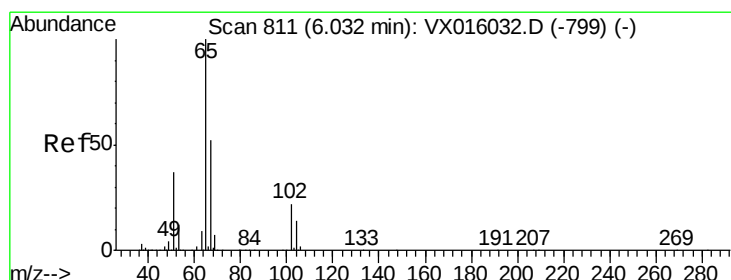
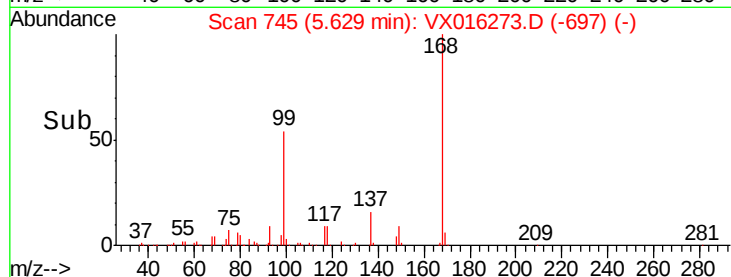
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.982 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016273.D

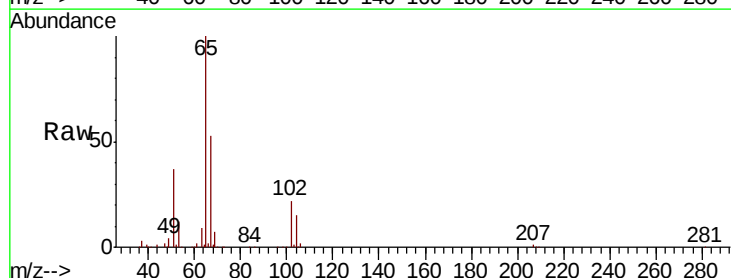
Acq: 15 May 2020 12:24

Tgt Ion: 65 Resp: 154969

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

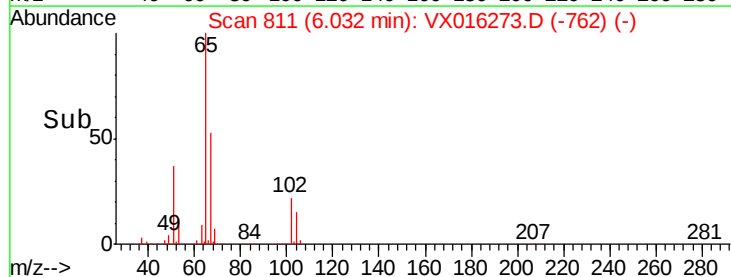
40000

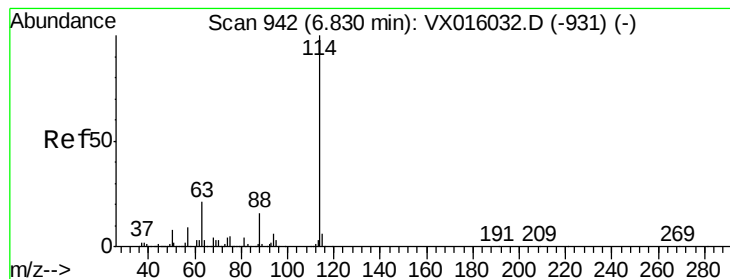
20000

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: VX016273.D

Acq: 15 May 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-5

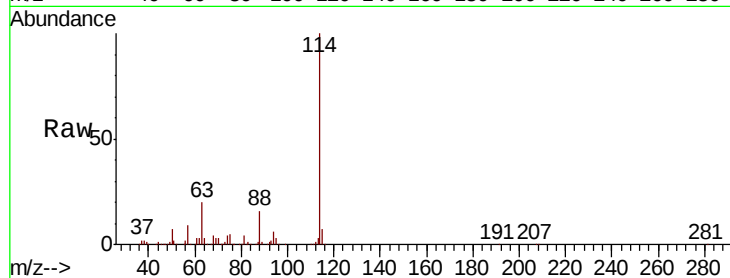
Tot Ion:114 Resp: 421357

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

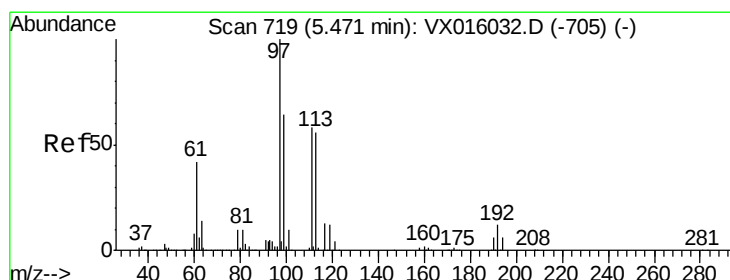
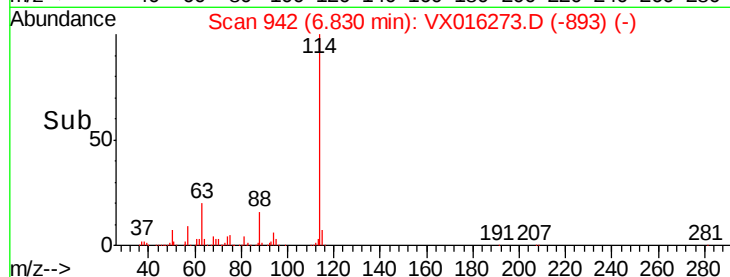
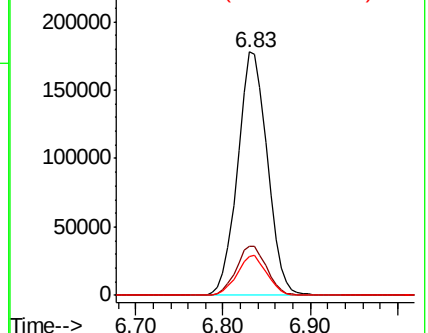
88 15.9 0.0 31.4



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: 45.947 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016273.D

Acq: 15 May 2020 12:24

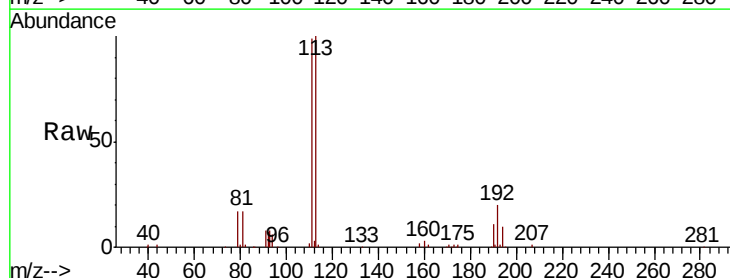
Tgt Ion:113 Resp: 122654

Ion Ratio Lower Upper

113 100

111 103.7 81.6 122.4

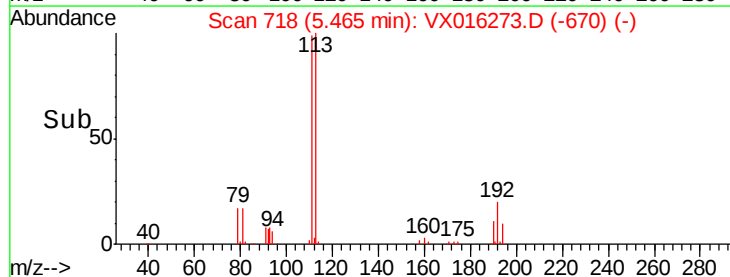
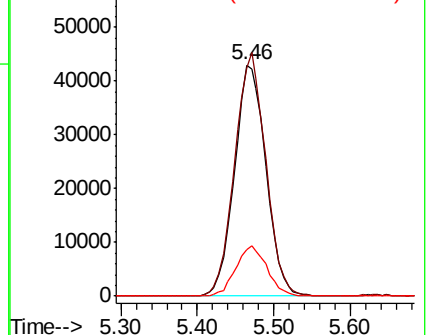
192 21.5 17.0 25.4

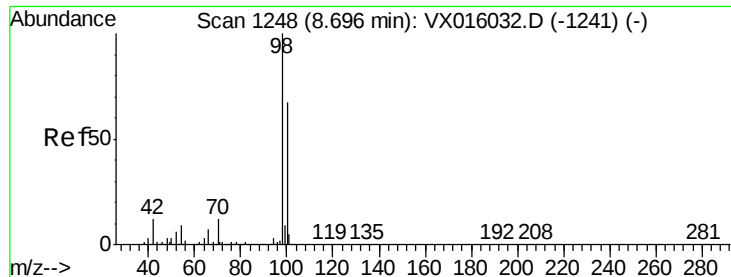


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.492 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016273.D

Acq: 15 May 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

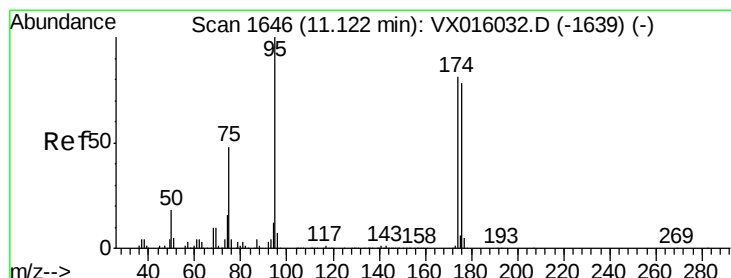
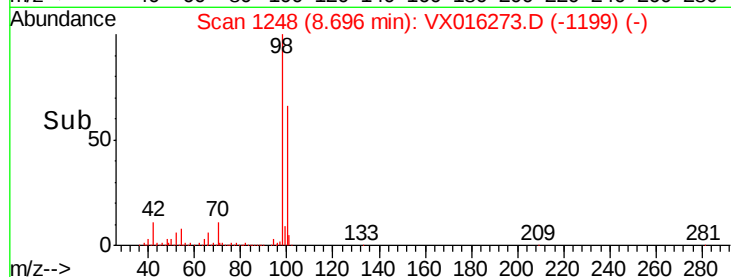
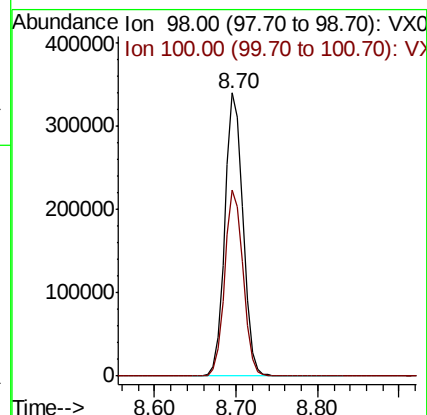
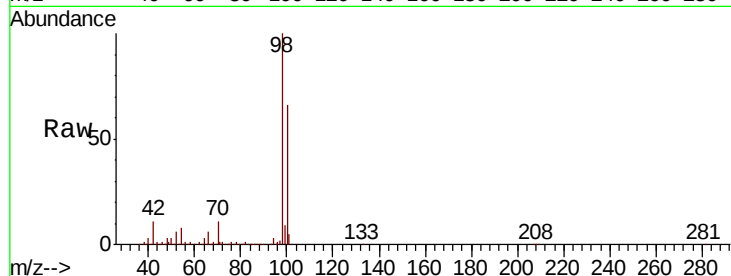
STORAGE-BLANK-SOIL-REF-5

Tot Ion: 98 Resp: 529631

Ion Ratio Lower Upper

98 100

100 66.3 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 53.005 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016273.D

Acq: 15 May 2020 12:24

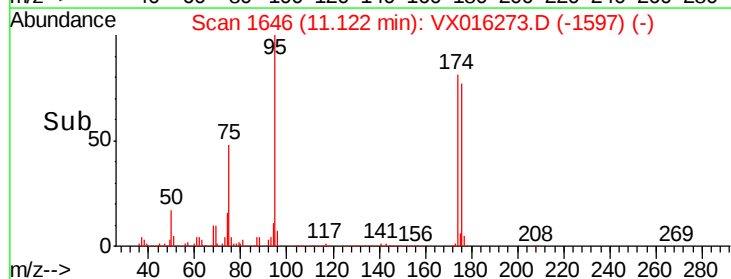
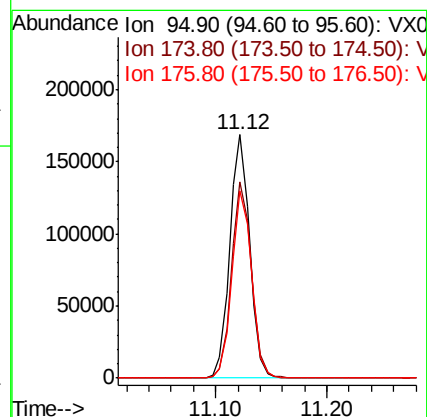
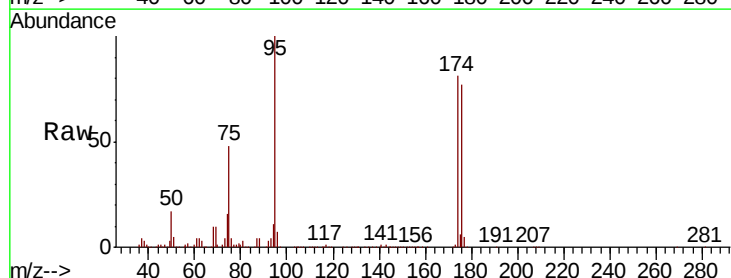
Tgt Ion: 95 Resp: 207364

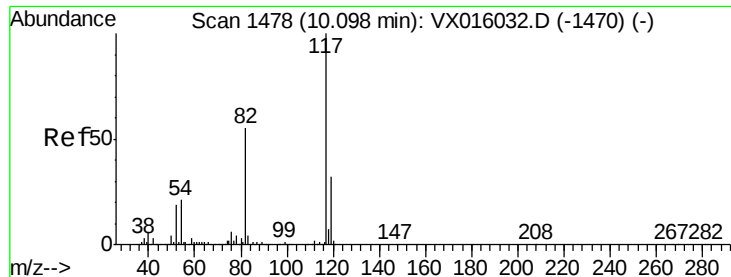
Ion Ratio Lower Upper

95 100

174 80.5 0.0 159.4

176 77.0 0.0 157.6

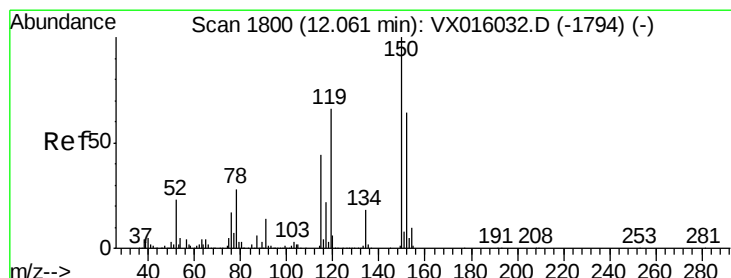
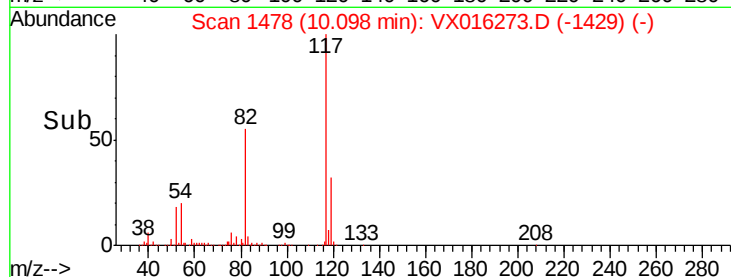
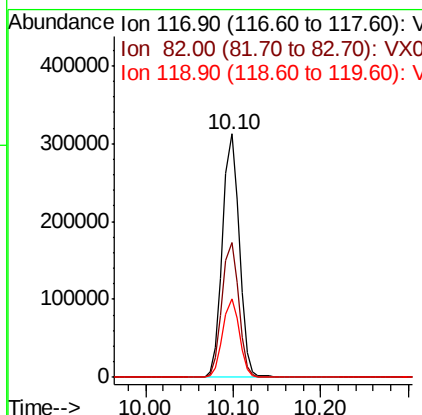
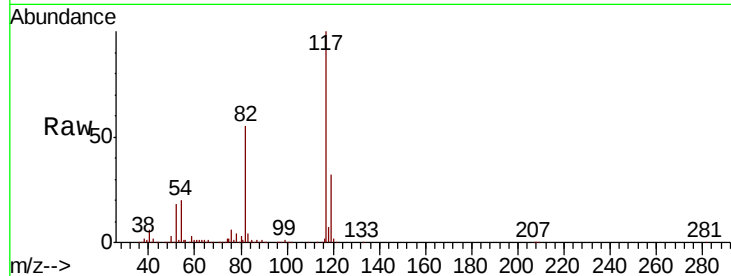




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016273.D
Acq: 15 May 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-5

Tot Ion:117 Resp: 415505
Ion Ratio Lower Upper
117 100
82 55.5 44.4 66.6
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016273.D
Acq: 15 May 2020 12:24

Tgt Ion:152 Resp: 207597
Ion Ratio Lower Upper
152 100
115 58.9 41.3 124.1
150 155.1 0.0 352.2

