

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052020\
 Data File : VX016355.D
 Acq On : 20 May 2020 13:12
 Operator : JC/SP
 Sample : L2684-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-051520

Quant Time: May 21 04:31:34 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	251756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	412728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	396889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196750	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	144228	43.54	ug/l	0.00
Spiked Amount			Recovery	=	87.08%	
35) Dibromofluoromethane	5.46	113	116681	44.62	ug/l	0.00
Spiked Amount			Recovery	=	89.24%	
50) Toluene-d8	8.70	98	505340	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.12	95	197274	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	

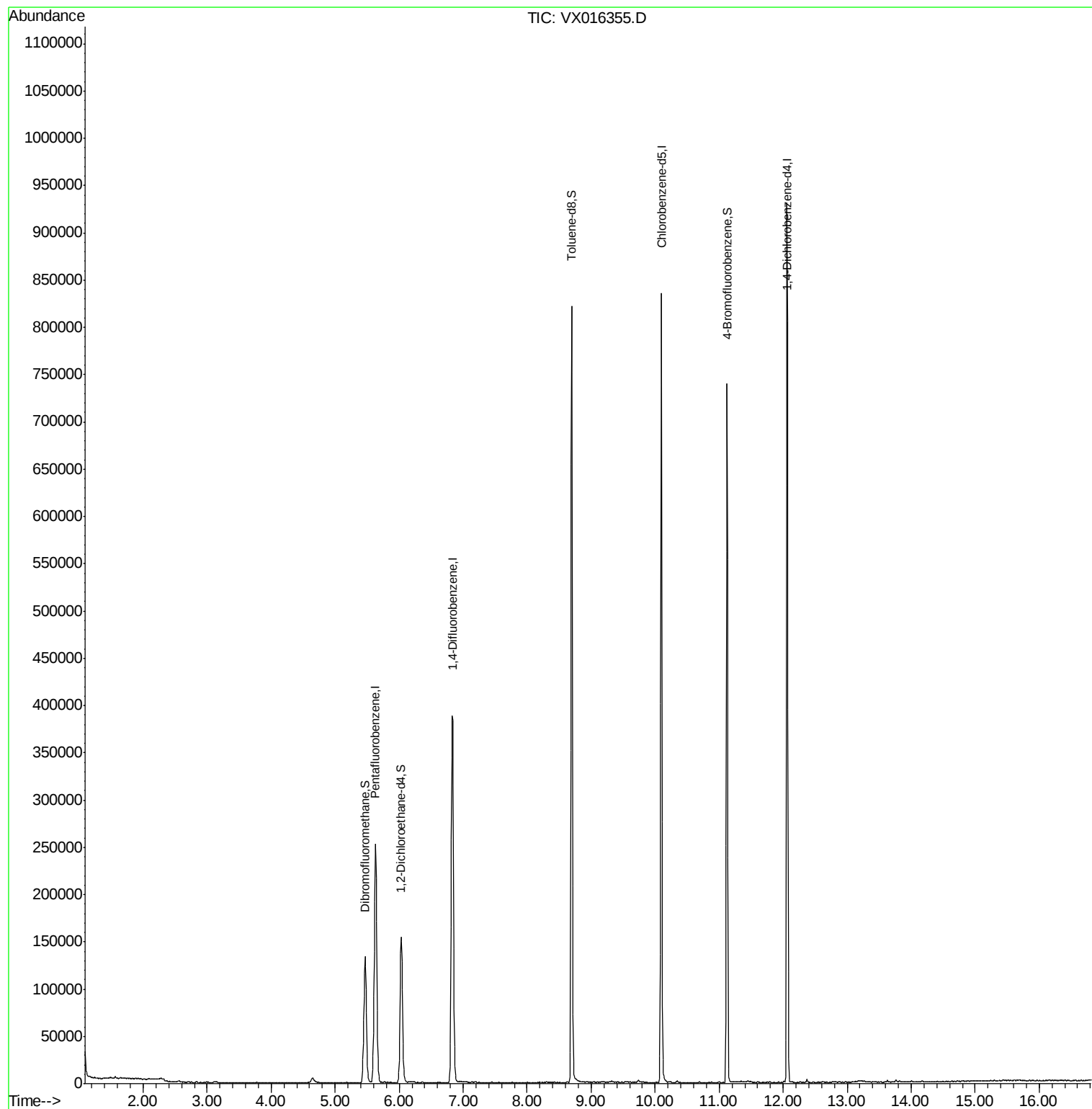
Target Compounds	Qvalue
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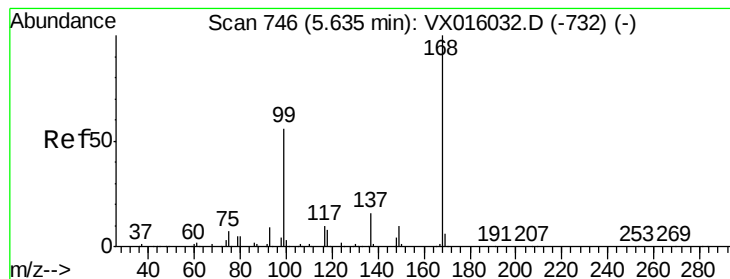
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016355.D

Acq: 20 May 2020 13:12

Instrument :

MSVOA_X

ClientSampled :

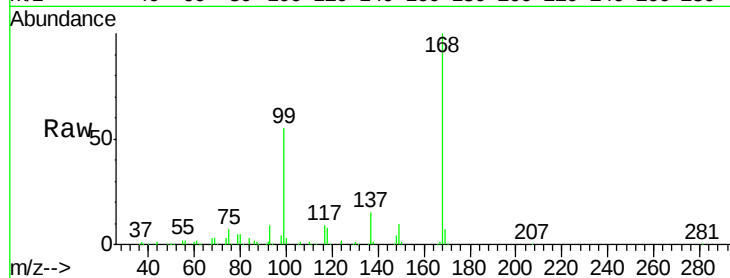
TB-051520

Tot Ion:168 Resp: 251756

Ion Ratio Lower Upper

168 100

99 54.9 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

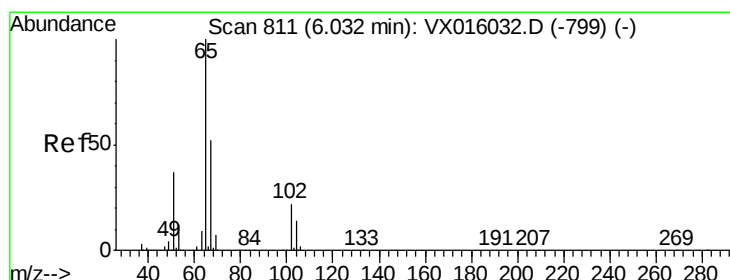
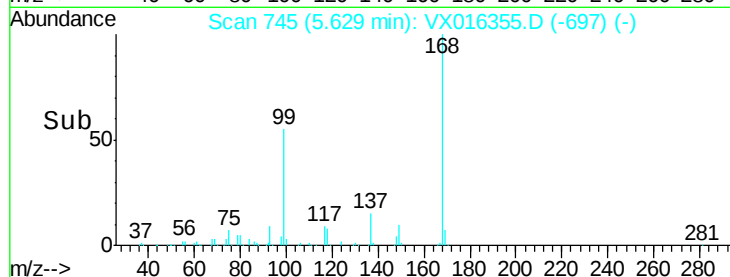
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 43.536 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016355.D

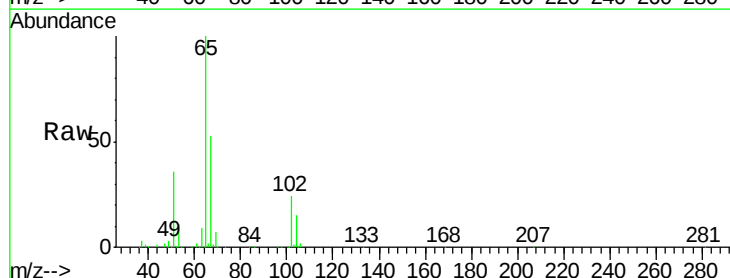
Acq: 20 May 2020 13:12

Tgt Ion: 65 Resp: 144228

Ion Ratio Lower Upper

65 100

67 52.9 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

50000

40000

30000

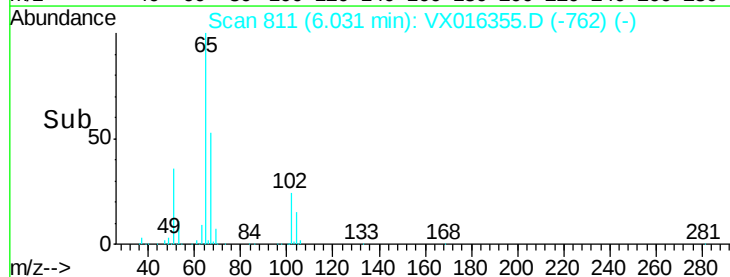
20000

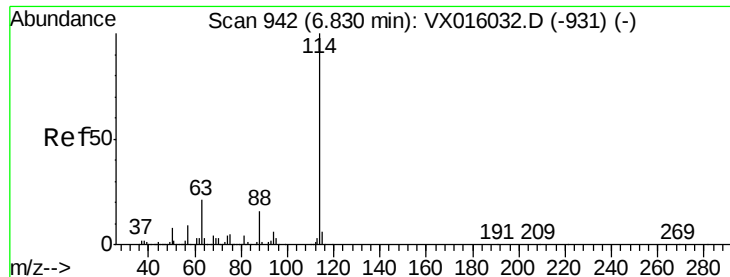
10000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016355.D

Acq: 20 May 2020 13:12

Instrument :

MSVOA_X

ClientSampleId :

TB-051520

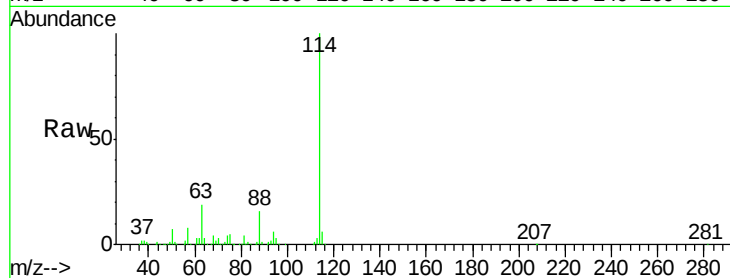
Tot Ion:114 Resp: 412728

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.8

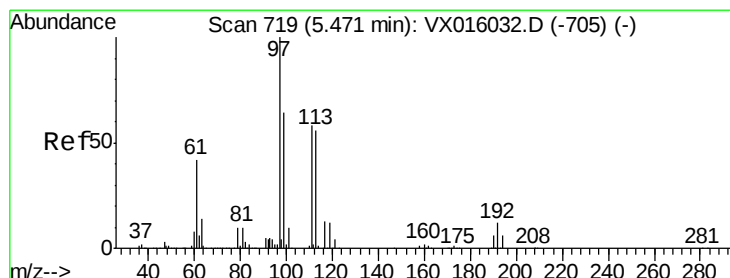
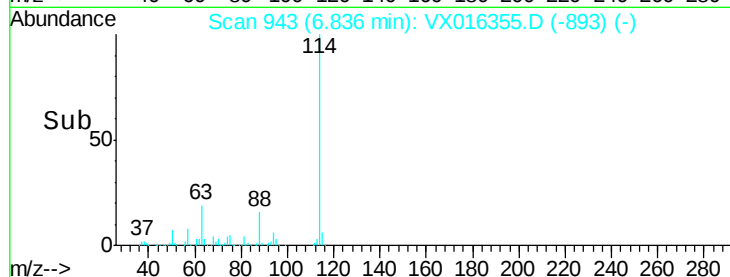
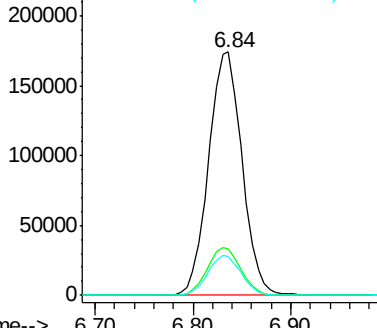
88 16.0 0.0 31.4



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: 44.623 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016355.D

Acq: 20 May 2020 13:12

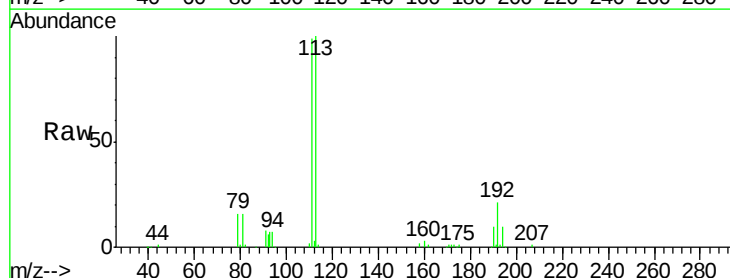
Tgt Ion:113 Resp: 116681

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

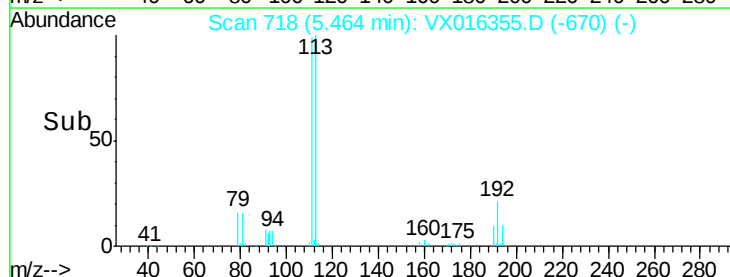
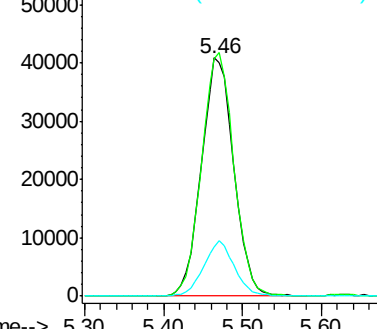
192 21.9 17.0 25.4

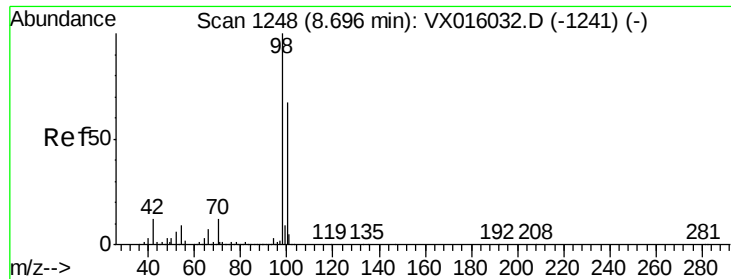


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.158 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016355.D

Acq: 20 May 2020 13:12

Instrument :

MSVOA_X

ClientSampleId :

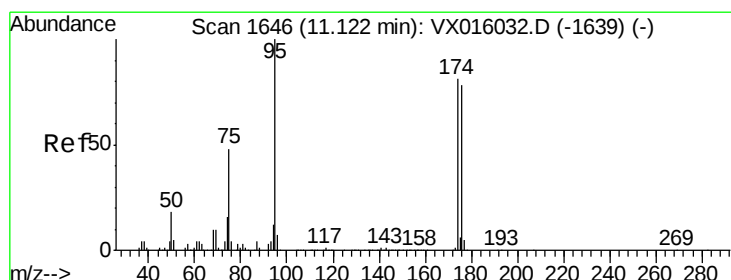
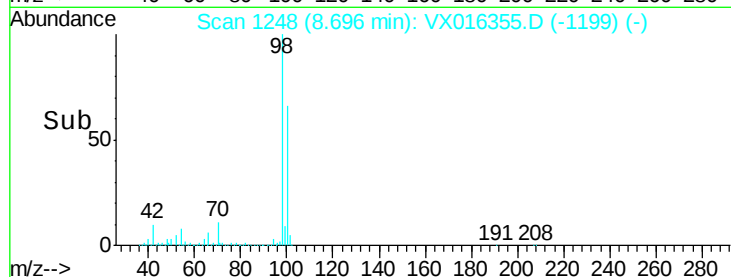
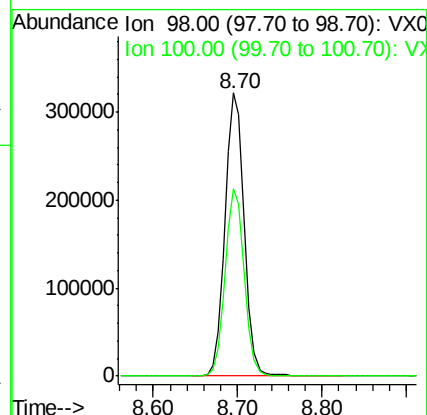
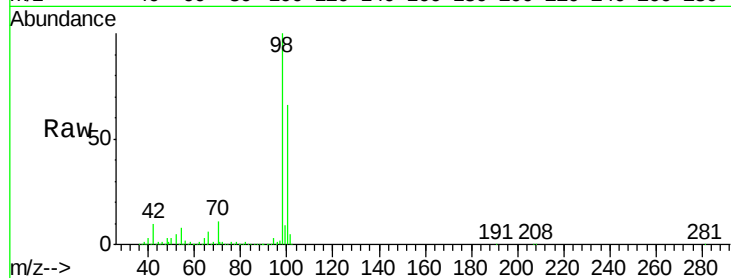
TB-051520

Tot Ion: 98 Resp: 505340

Ion Ratio Lower Upper

98 100

100 66.3 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 51.480 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016355.D

Acq: 20 May 2020 13:12

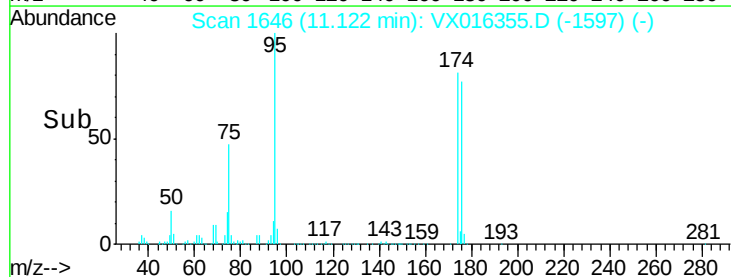
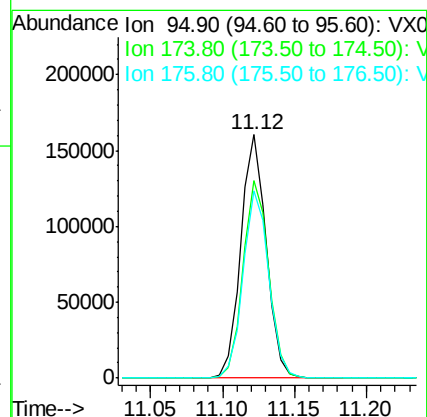
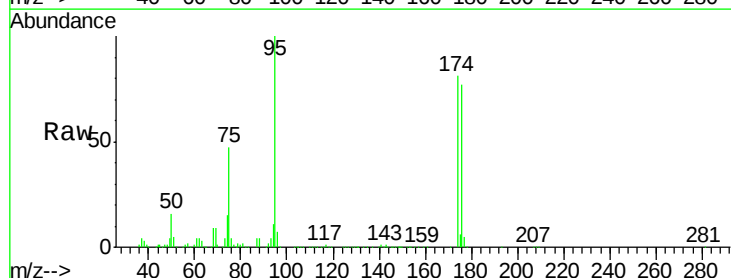
Tgt Ion: 95 Resp: 197274

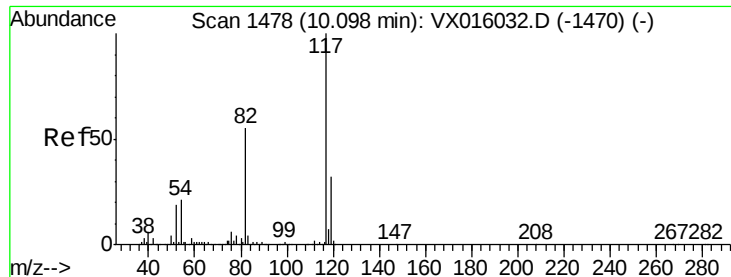
Ion Ratio Lower Upper

95 100

174 81.8 0.0 159.4

176 77.8 0.0 157.6

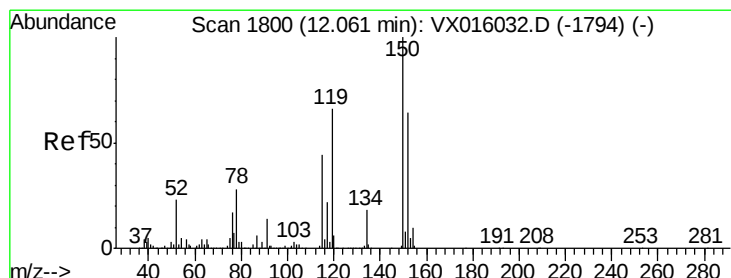
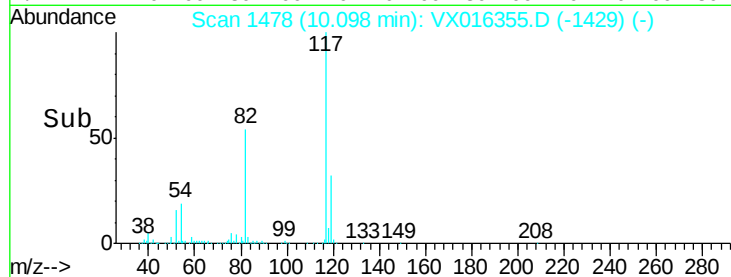
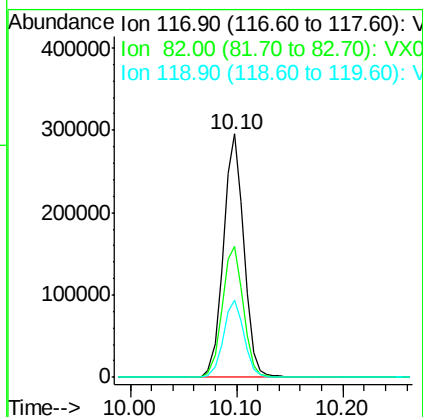
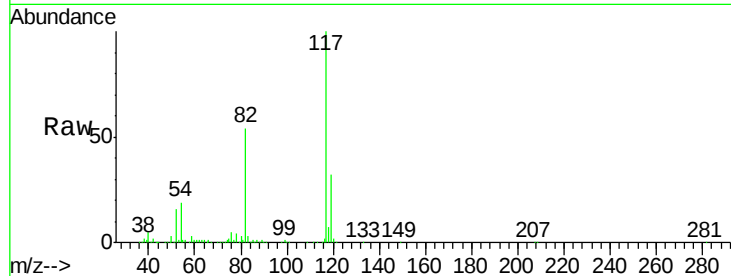




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016355.D
Acq: 20 May 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
TB-051520

Tot Ion:117 Resp: 396889
Ion Ratio Lower Upper
117 100
82 53.7 44.4 66.6
119 31.6 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: VX016355.D
Acq: 20 May 2020 13:12

Tgt Ion:152 Resp: 196750
Ion Ratio Lower Upper
152 100
115 59.5 41.3 124.1
150 156.7 0.0 352.2

