

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
 Data File : VX016014.D
 Acq On : 01 May 2020 16:17
 Operator : JC/SP
 Sample : L2469-27
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20200428

Quant Time: May 02 07:45:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	274112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	448991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	437306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224520	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	175398	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	5.47	113	132363	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
50) Toluene-d8	8.70	98	543606	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.12	95	223018	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	

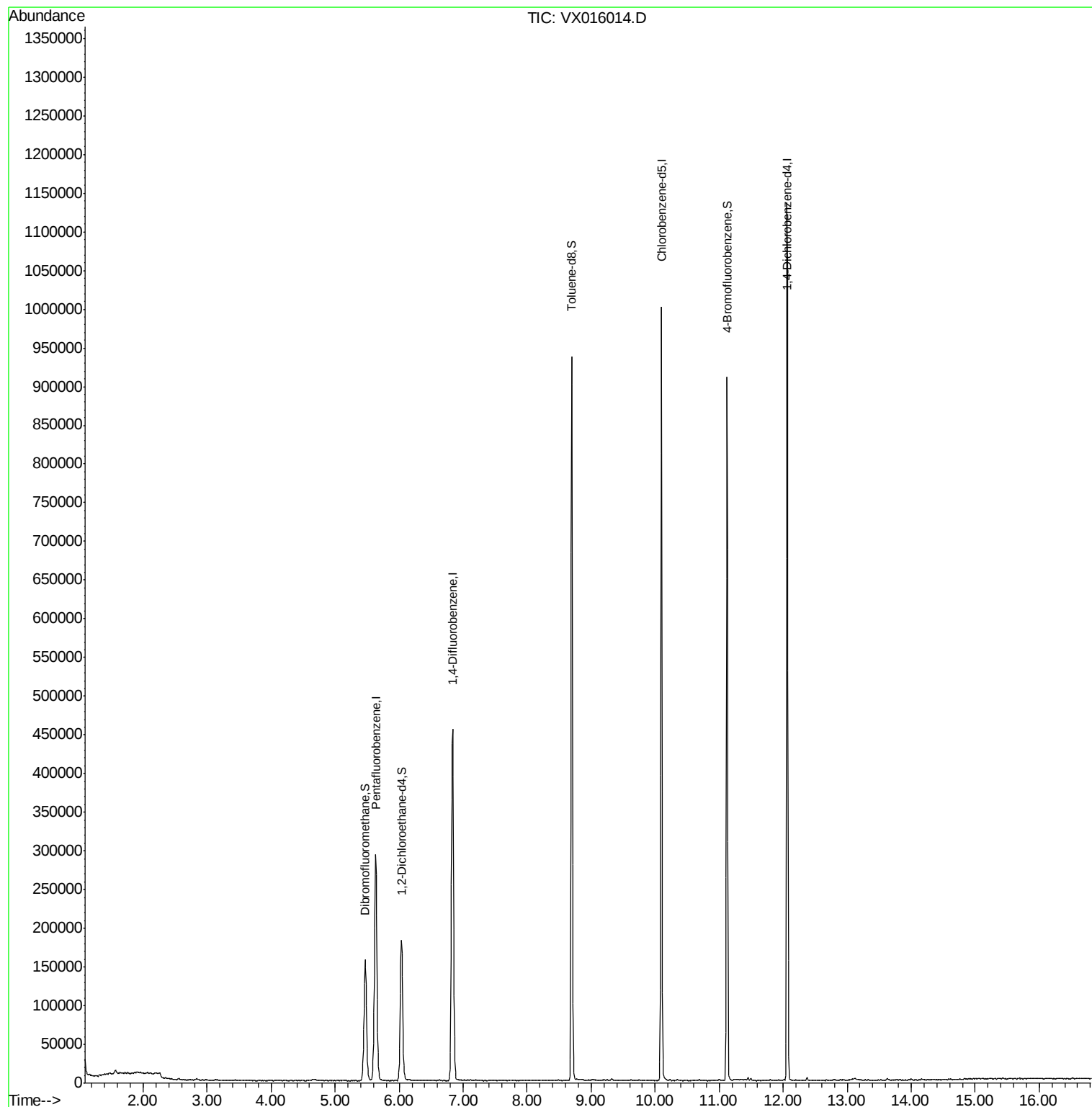
Target Compounds	Qvalue

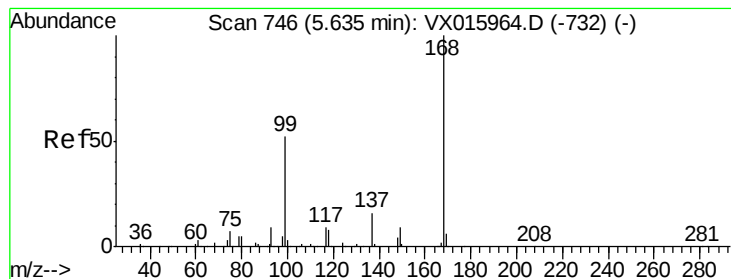
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX016014.D

Acq: 01 May 2020 16:17

Instrument :

MSVOA_X

ClientSampled :

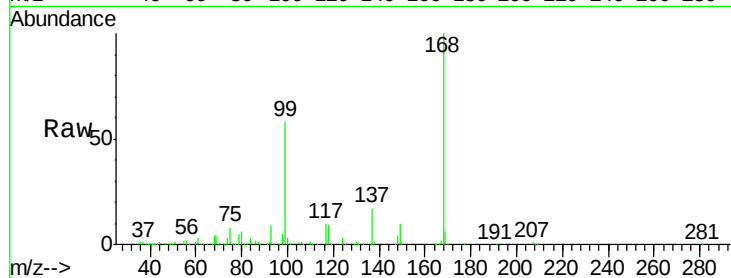
TB-20200428

Tot Ion:168 Resp: 274112

Ion Ratio Lower Upper

168 100

99 57.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

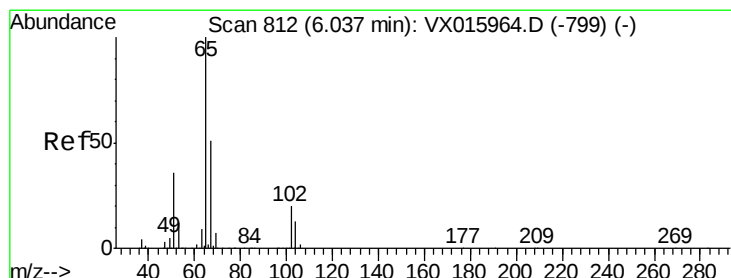
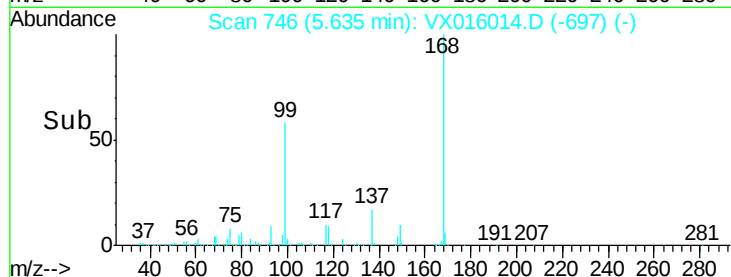
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.940 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX016014.D

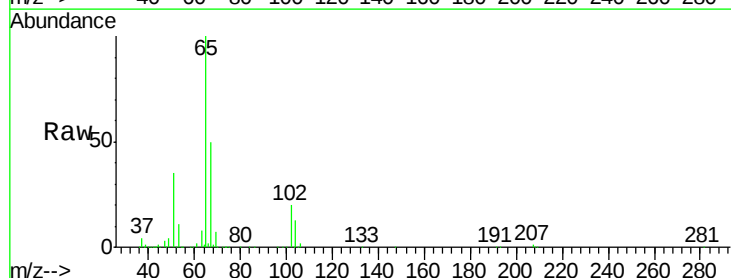
Acq: 01 May 2020 16:17

Tgt Ion: 65 Resp: 175398

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

80000

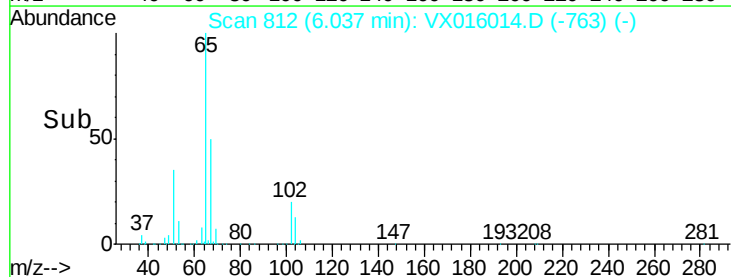
60000

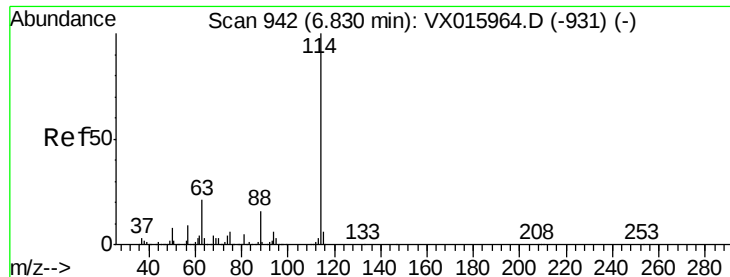
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016014.D

Acq: 01 May 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

TB-20200428

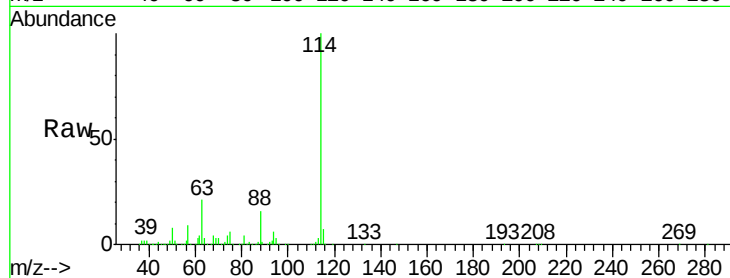
Tot Ion:114 Resp: 448991

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.2

88 15.8 0.0 31.8



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

250000

200000

150000

100000

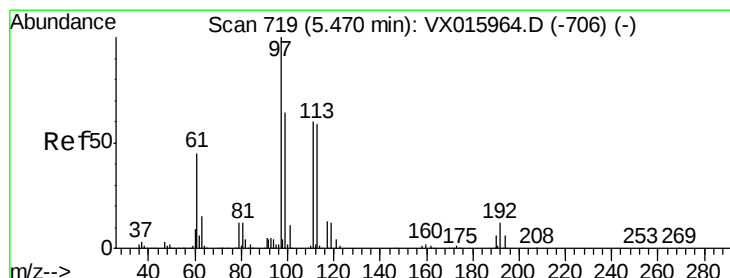
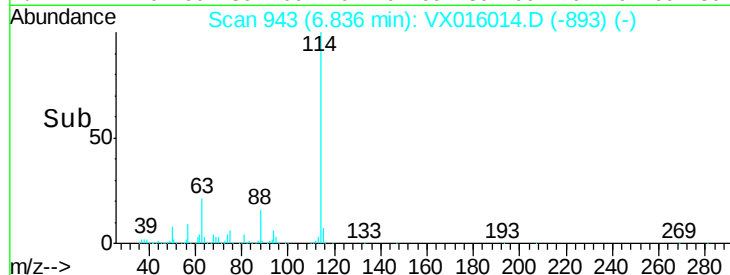
50000

0

6.84

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 47.259 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016014.D

Acq: 01 May 2020 16:17

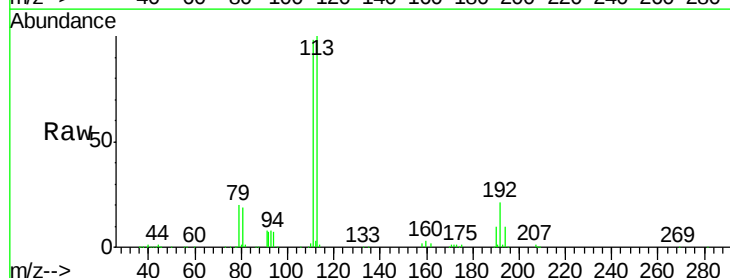
Tgt Ion:113 Resp: 132363

Ion Ratio Lower Upper

113 100

111 100.9 81.8 122.8

192 20.0 16.8 25.2



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

60000

50000

40000

30000

20000

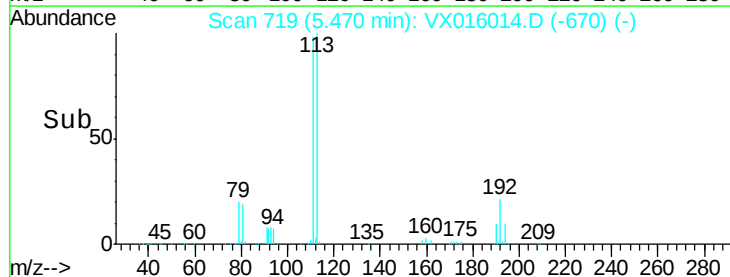
10000

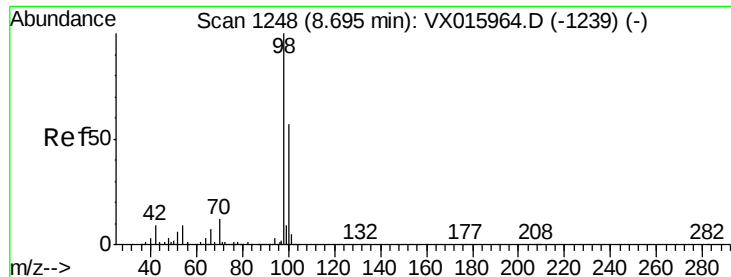
0

5.47

5.30 5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 51.910 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016014.D

Acq: 01 May 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

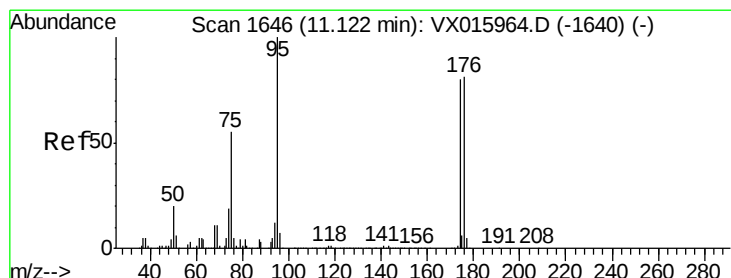
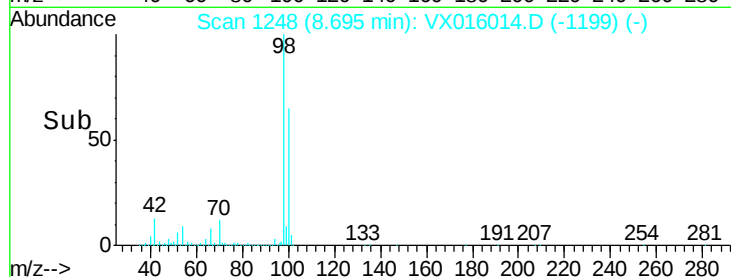
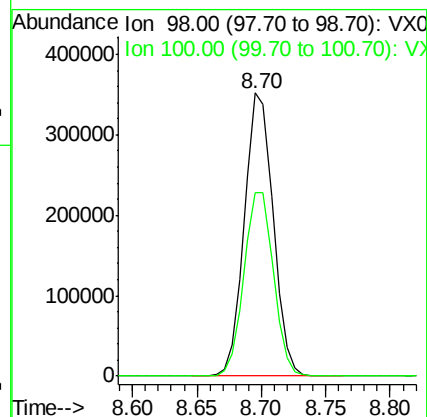
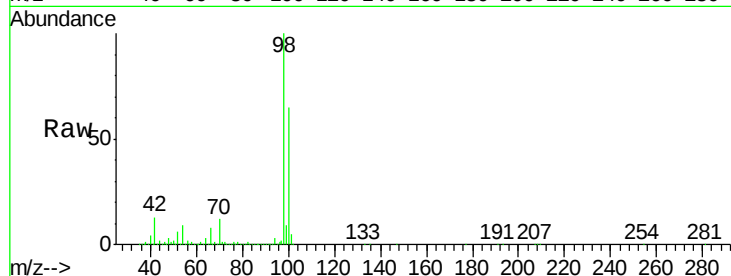
TB-20200428

Tot Ion: 98 Resp: 543606

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 54.298 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016014.D

Acq: 01 May 2020 16:17

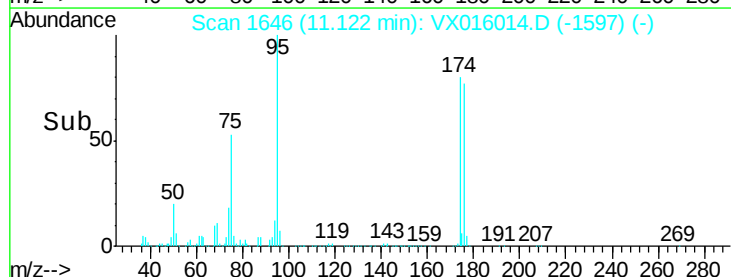
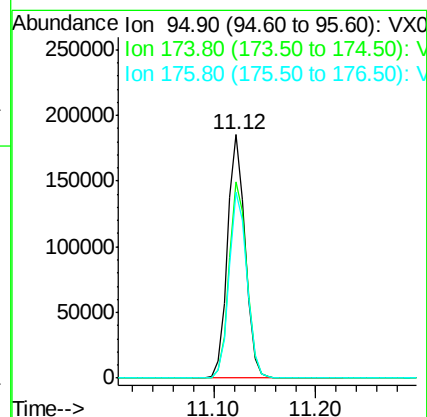
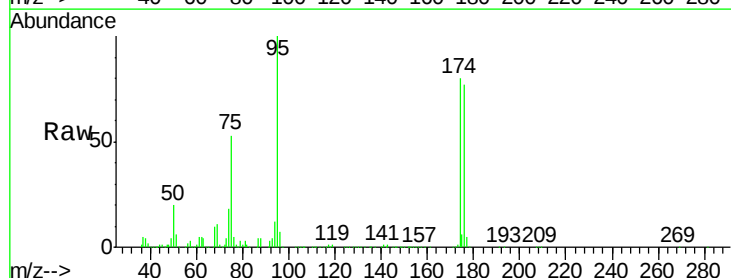
Tgt Ion: 95 Resp: 223018

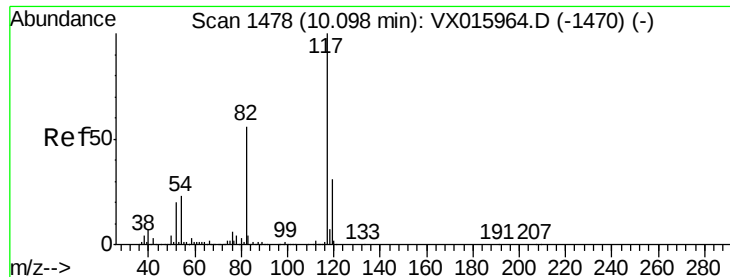
Ion Ratio Lower Upper

95 100

174 80.6 0.0 165.0

176 77.1 0.0 163.2

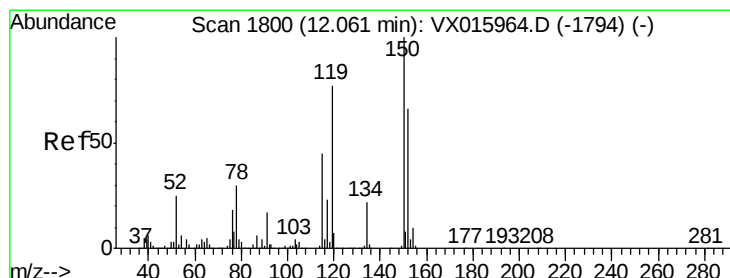
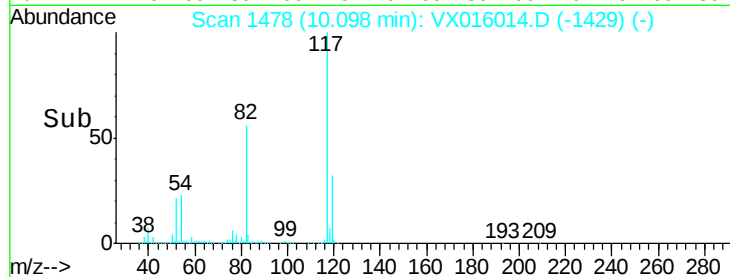
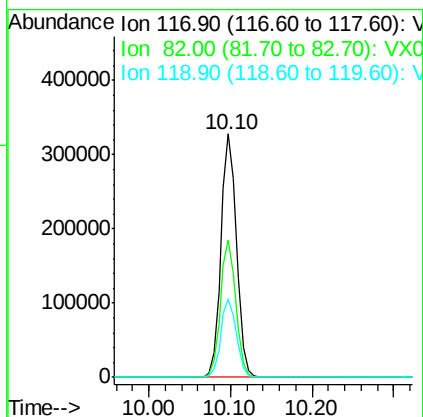
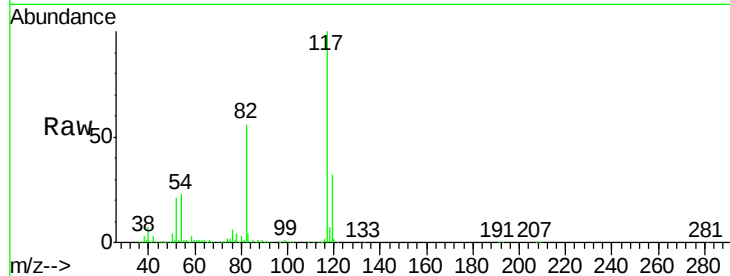




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016014.D
Acq: 01 May 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :
TB-20200428

Tot Ion:117 Resp: 437306
Ion Ratio Lower Upper
117 100
82 56.4 44.5 66.7
119 32.0 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016014.D
Acq: 01 May 2020 16:17

Tgt Ion:152 Resp: 224520
Ion Ratio Lower Upper
152 100
115 59.5 40.9 122.7
150 159.0 0.0 342.4

