

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016092.D
 Acq On : 07 May 2020 14:33
 Operator : JC/SP
 Sample : L2546-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB180-TB-20200505

Quant Time: May 08 03:52:19 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	5.64	168	311904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	500235	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	488718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	256905	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	188124	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	
35) Dibromofluoromethane	5.47	113	148409	46.83	ug/l	0.00
Spiked Amount			Recovery	=	93.66%	
50) Toluene-d8	8.70	98	614122	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.12	95	246620	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	

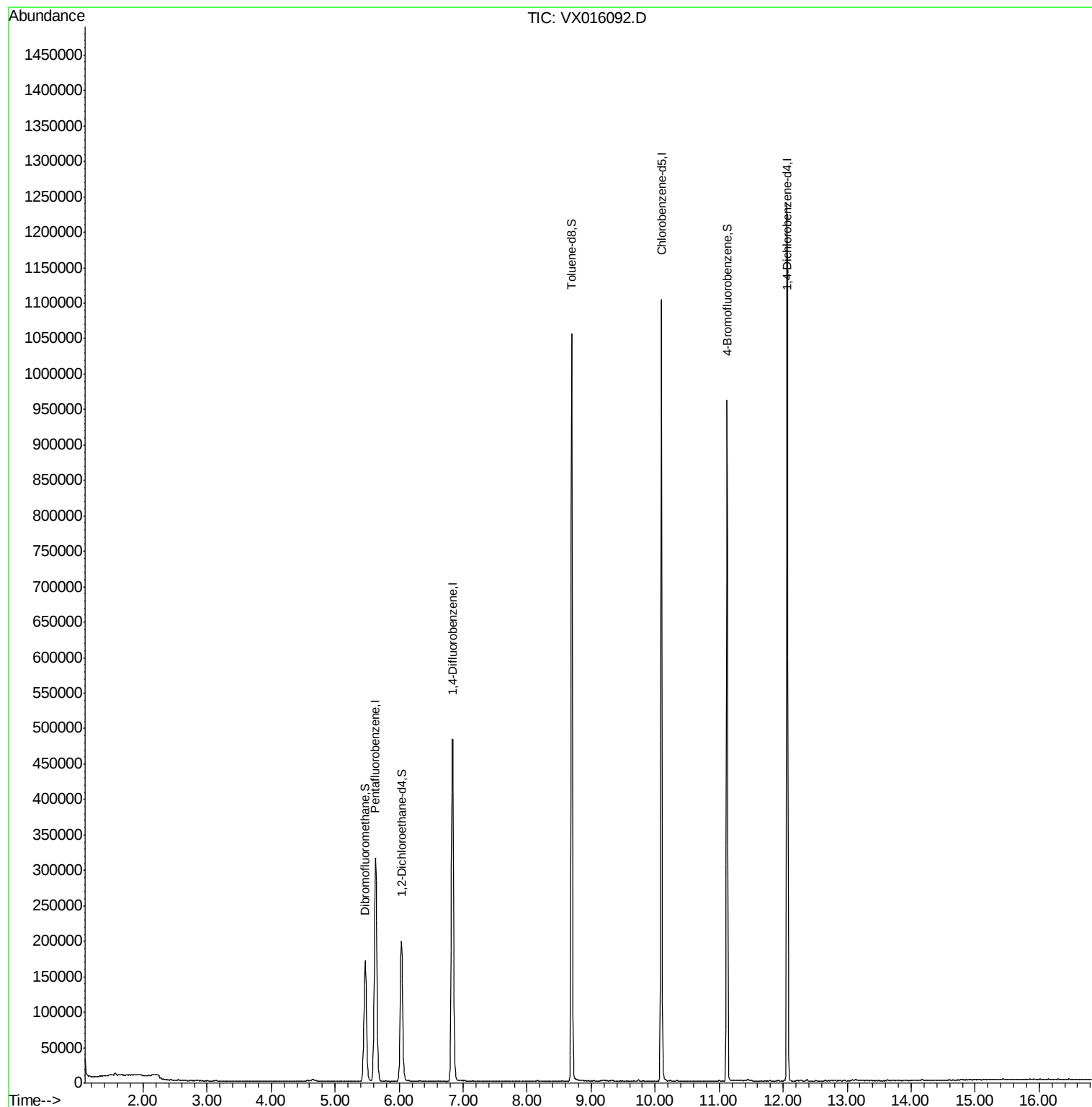
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016092.D

Acq: 07 May 2020 14:33

Instrument :

MSVOA_X

ClientSampleId :

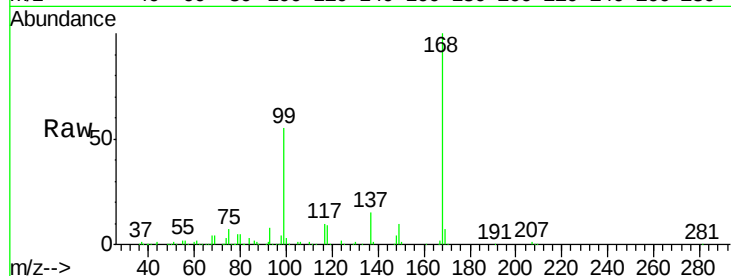
BP-VPB180-TB-20200505

Tot Ion:168 Resp: 311904

Ion Ratio Lower Upper

168 100

99 55.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

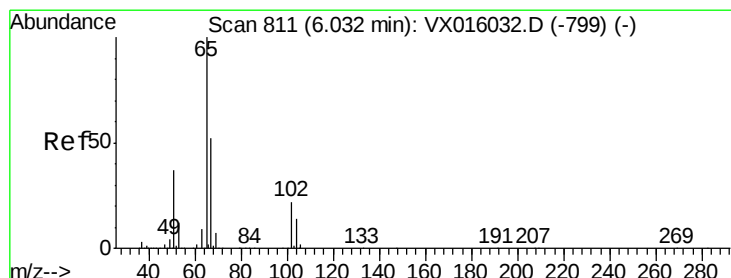
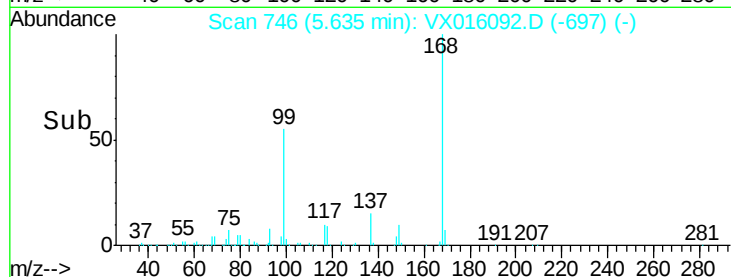
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.835 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016092.D

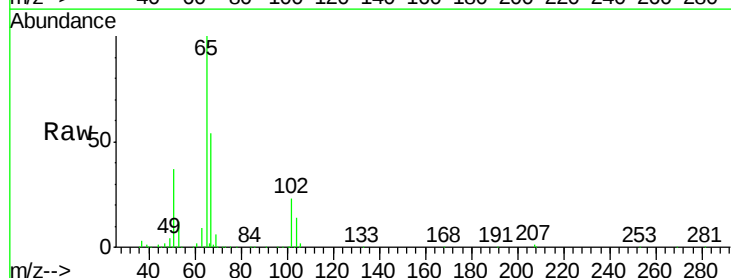
Acq: 07 May 2020 14:33

Tgt Ion: 65 Resp: 188124

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

80000

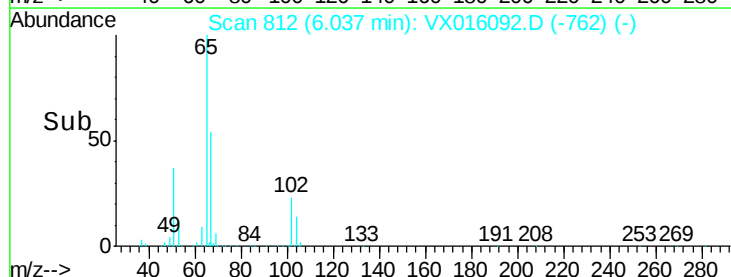
60000

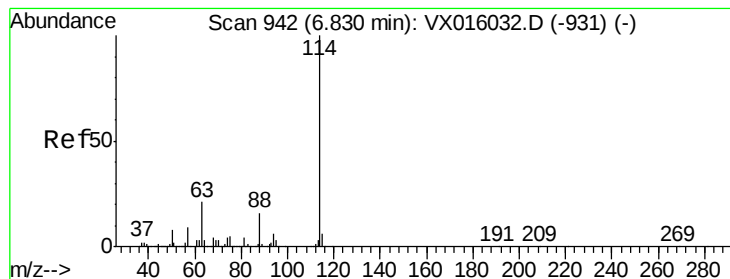
40000

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: VX016092.D

Acq: 07 May 2020 14:33

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB180-TB-20200505

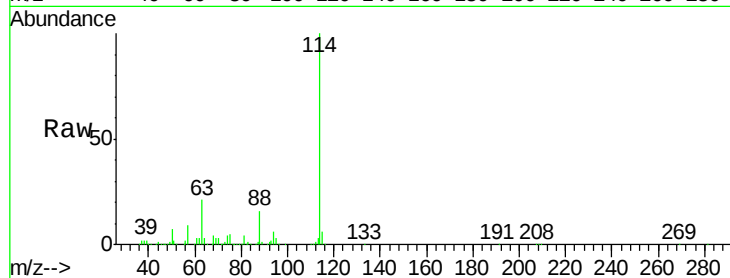
Tot Ion:114 Resp: 500235

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

88 16.3 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

250000

200000

150000

100000

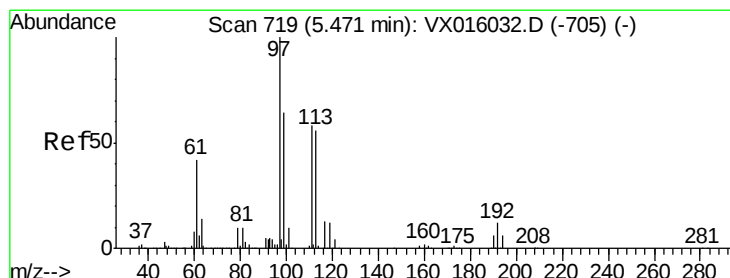
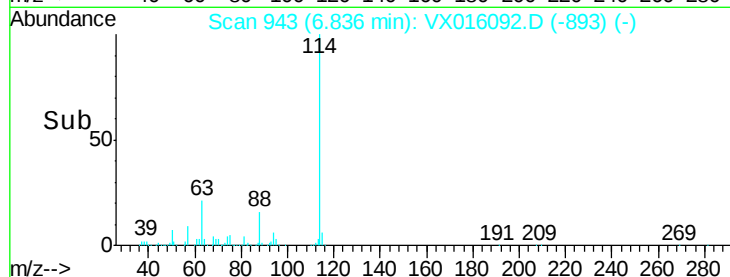
50000

0

6.84

6.80 6.84 6.90

Time-->



#35

Dibromofluoromethane

Concen: 46.828 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016092.D

Acq: 07 May 2020 14:33

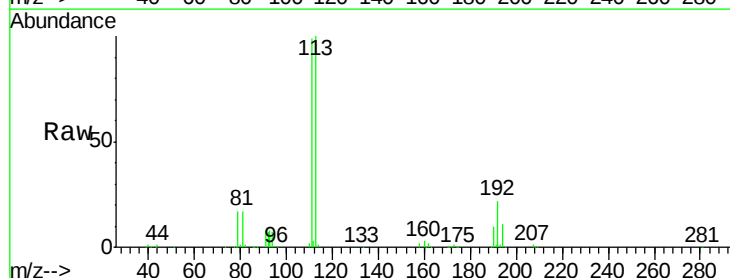
Tgt Ion:113 Resp: 148409

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

192 21.3 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

60000

40000

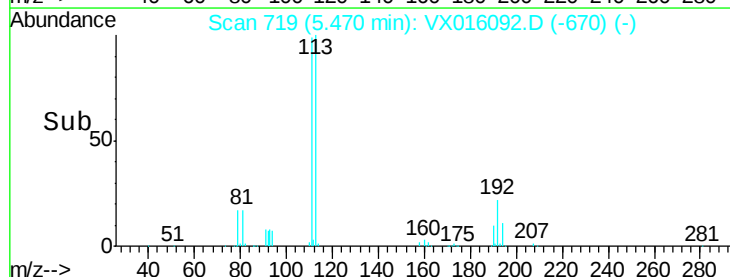
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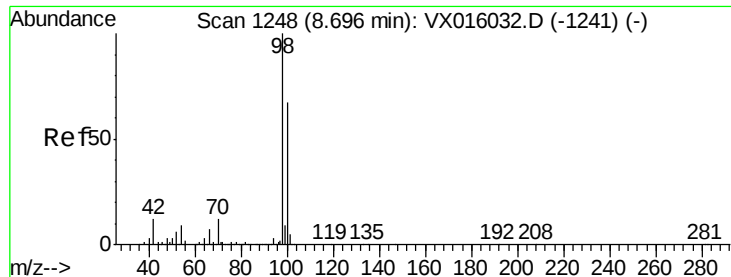
0

5.47

5.30 5.40 5.50 5.60

Time-->

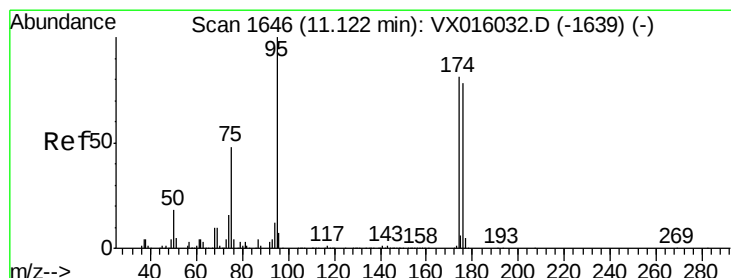
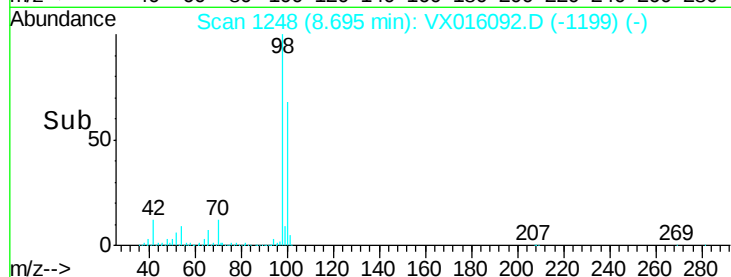
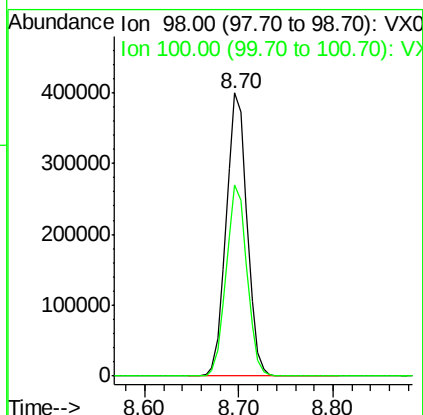
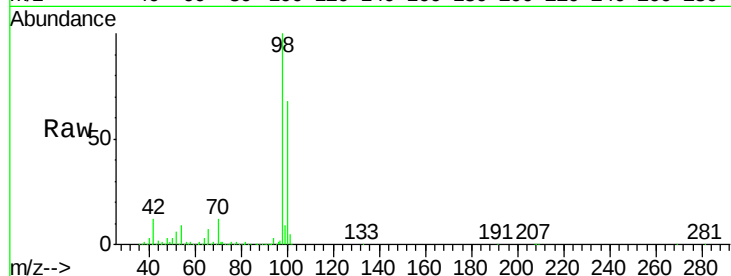




#50
Toluene-d8
Concen: 50.292 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016092.D
Acq: 07 May 2020 14:33

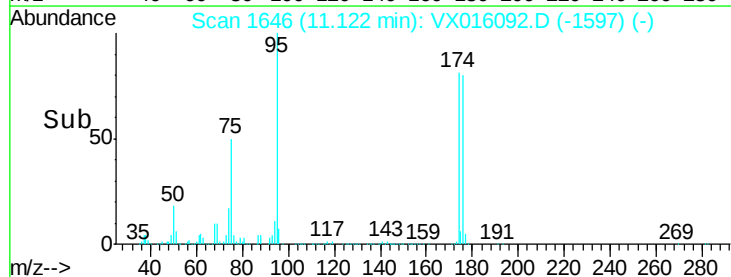
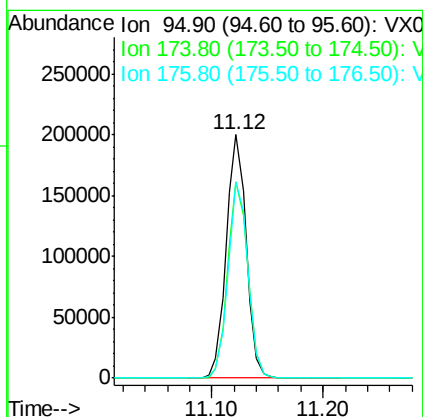
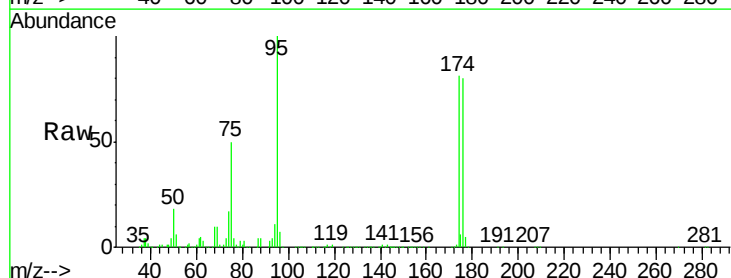
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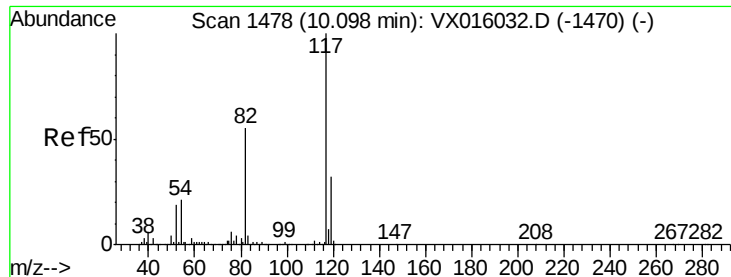
Tot Ion: 98 Resp: 614122
Ion Ratio Lower Upper
98 100
100 67.1 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 53.099 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016092.D
Acq: 07 May 2020 14:33

Tgt Ion: 95 Resp: 246620
Ion Ratio Lower Upper
95 100
174 81.9 0.0 159.4
176 80.1 0.0 157.6

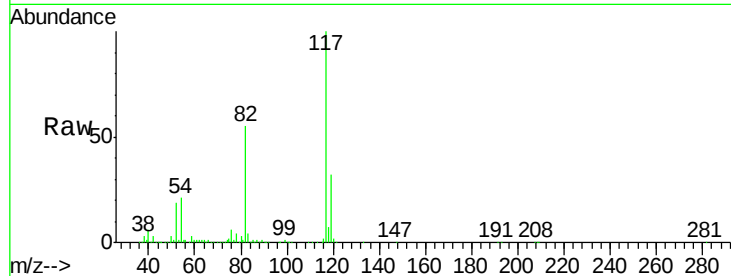




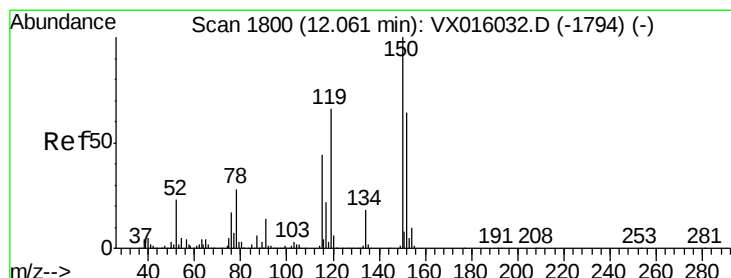
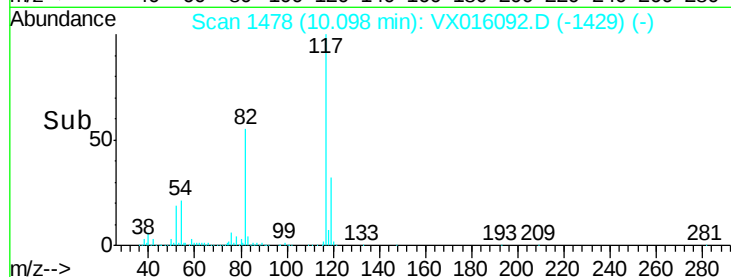
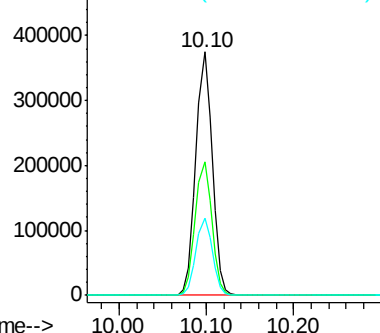
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016092.D
Acq: 07 May 2020 14:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB180-TB-20200505

Tot Ion:117 Resp: 488718
Ion Ratio Lower Upper
117 100
82 54.8 44.4 66.6
119 31.6 25.5 38.3

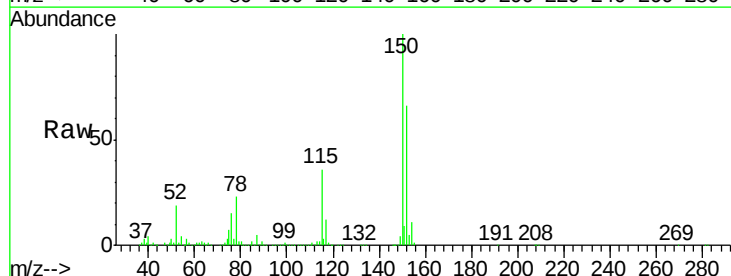


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VX016092.D
Acq: 07 May 2020 14:33

Tgt Ion:152 Resp: 256905
Ion Ratio Lower Upper
152 100
115 59.1 41.3 124.1
150 157.0 0.0 352.2



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

