

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016521.D
 Acq On : 01 Jun 2020 12:20
 Operator : JC/SP
 Sample : L2801-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-TB3-200528

Quant Time: Jun 02 02:05:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	289567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	469867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	244669	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	167213	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	
35) Dibromofluoromethane	5.47	113	132463	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
50) Toluene-d8	8.70	98	575518	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.12	95	239207	54.98	ug/l	0.00
Spiked Amount			Recovery	=	109.96%	

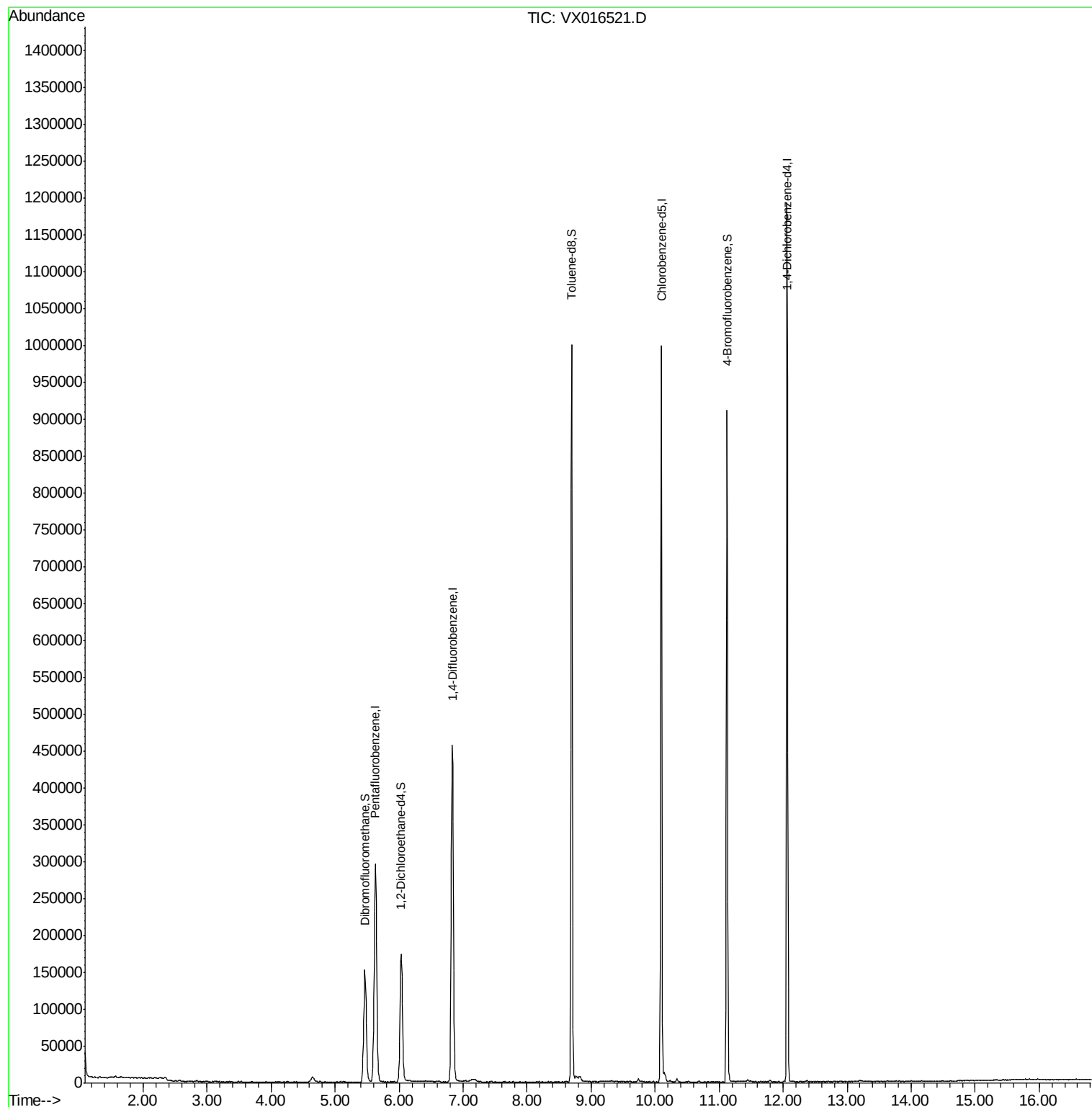
Target Compounds	Qvalue
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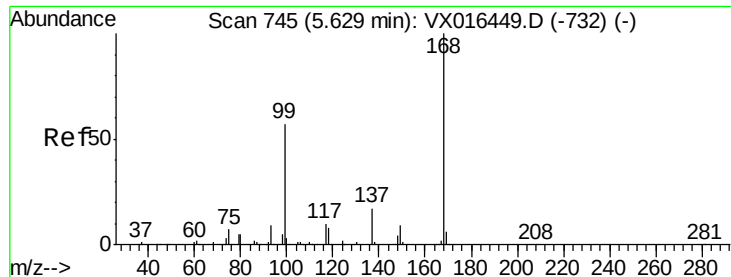
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016521.D

Acq: 01 Jun 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

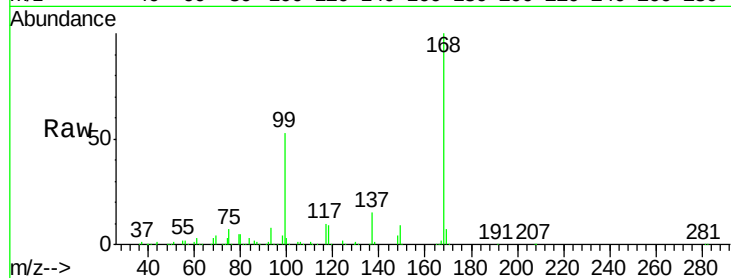
Z5-TB3-200528

Tot Ion:168 Resp: 289567

Ion Ratio Lower Upper

168 100

99 52.6 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

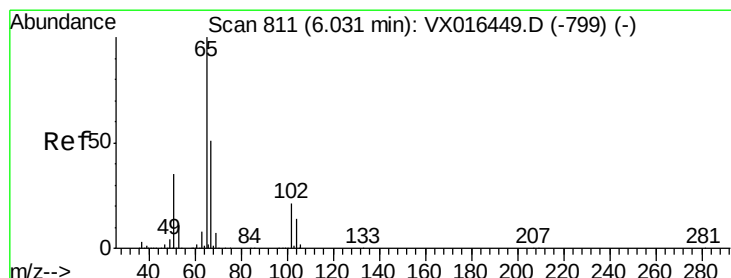
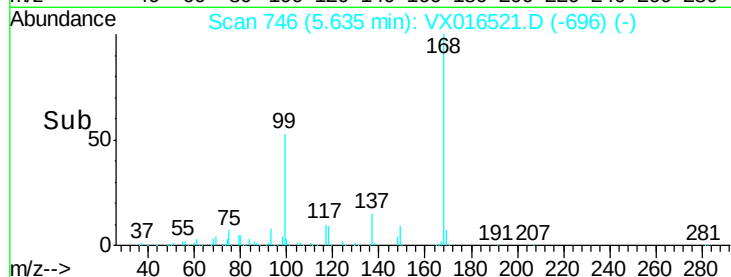
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.499 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016521.D

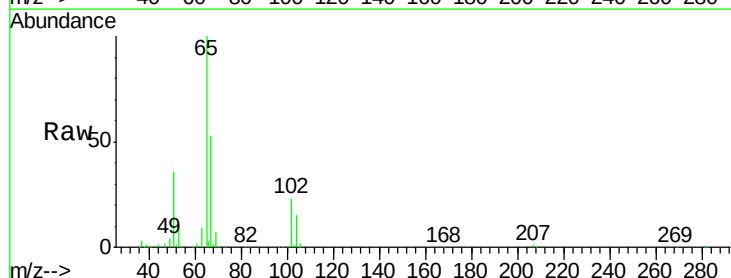
Acq: 01 Jun 2020 12:20

Tgt Ion: 65 Resp: 167213

Ion Ratio Lower Upper

65 100

67 52.2 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

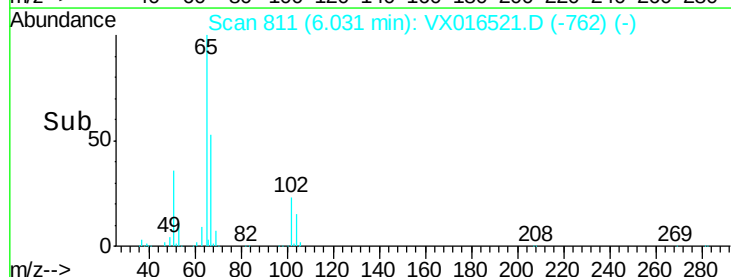
60000

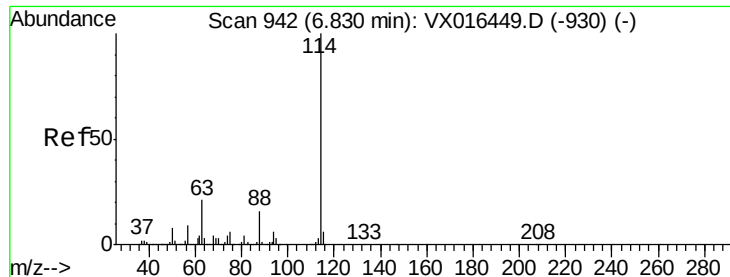
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016521.D

Acq: 01 Jun 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

Z5-TB3-200528

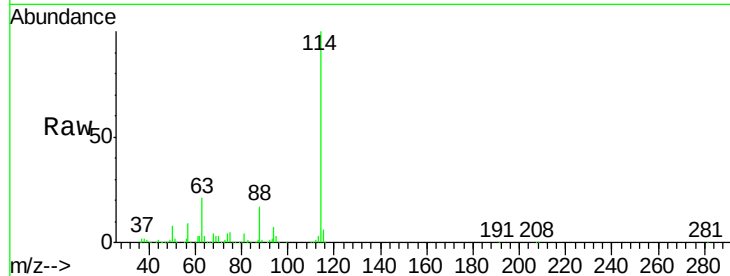
Tot Ion:114 Resp: 469867

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

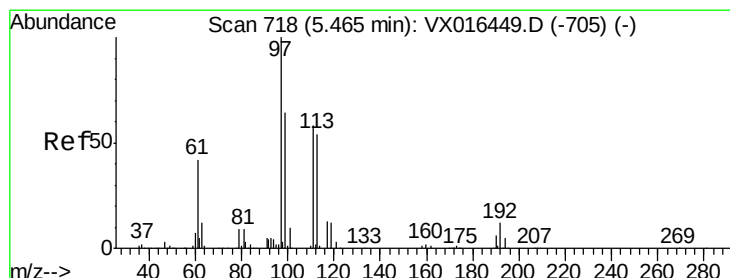
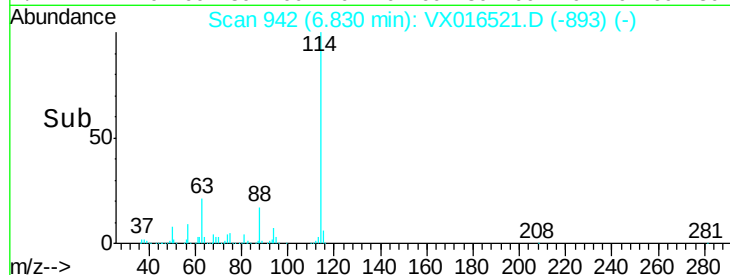
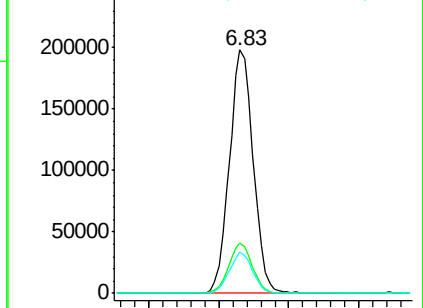
88 17.2 0.0 32.8



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



#35

Dibromofluoromethane

Concen: 45.785 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016521.D

Acq: 01 Jun 2020 12:20

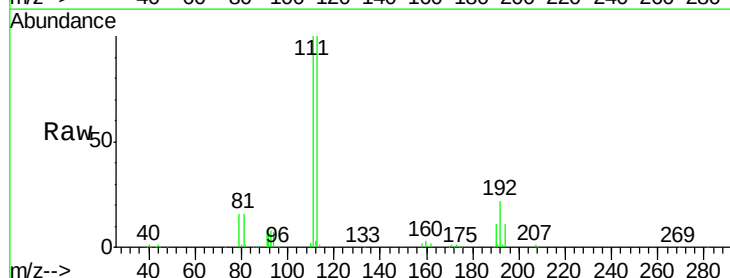
Tgt Ion:113 Resp: 132463

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

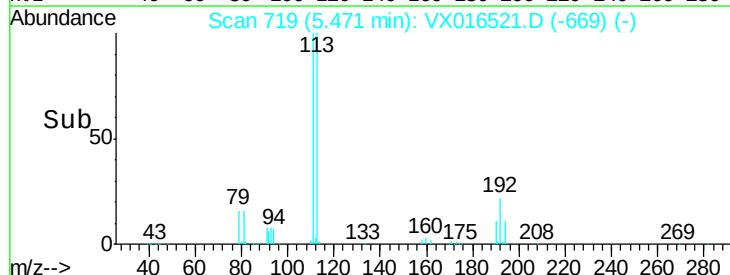
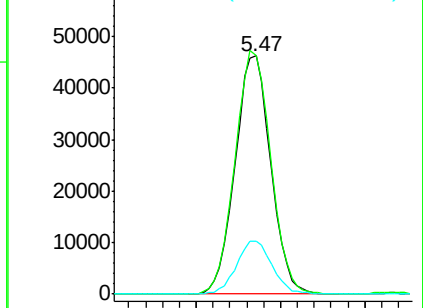
192 22.2 17.7 26.5

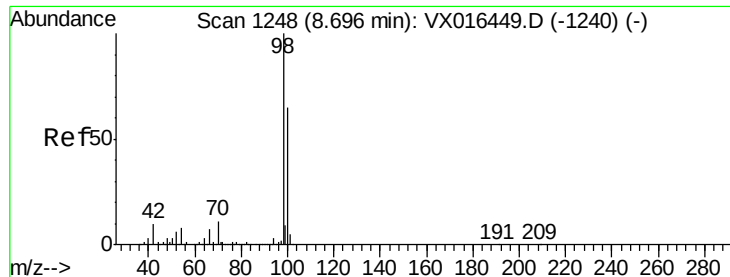


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

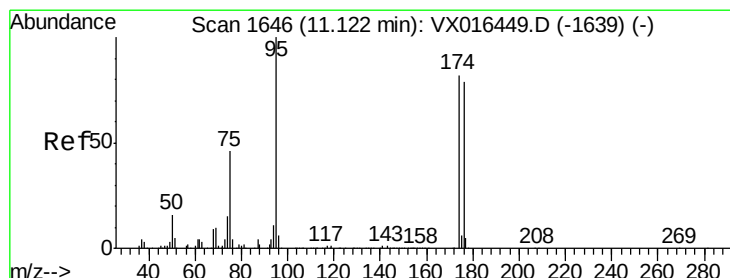
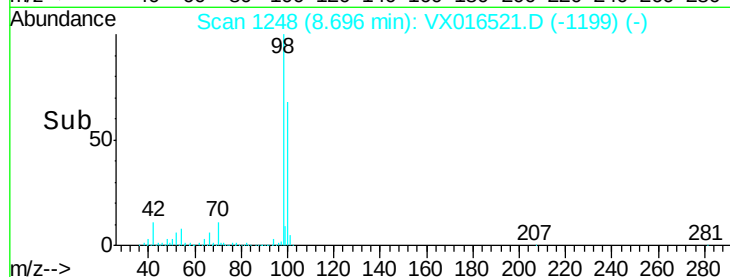
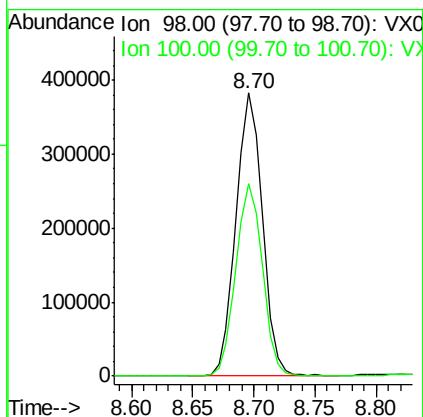
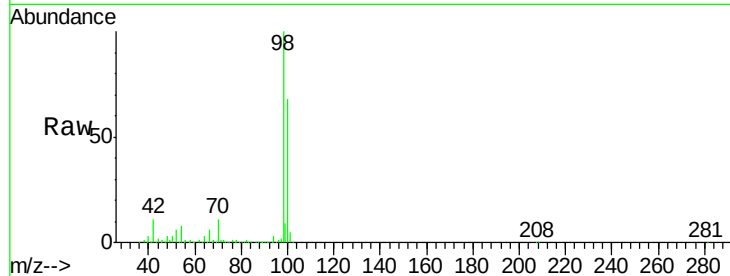




#50
Toluene-d8
Concen: 51.108 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016521.D
Acq: 01 Jun 2020 12:20

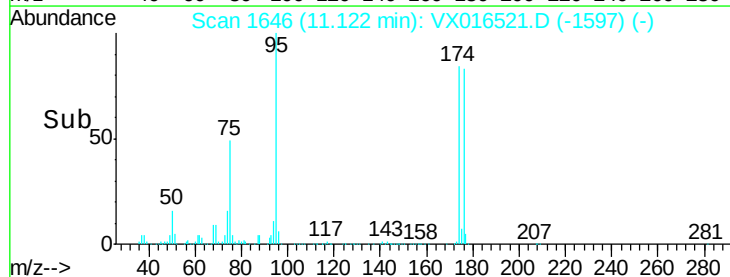
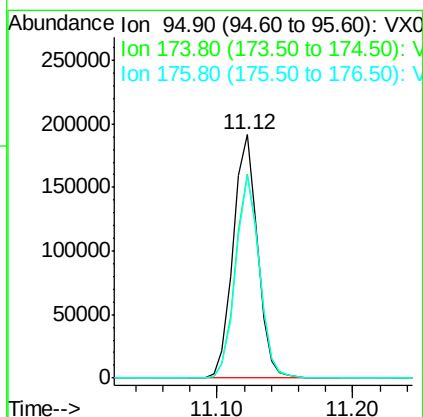
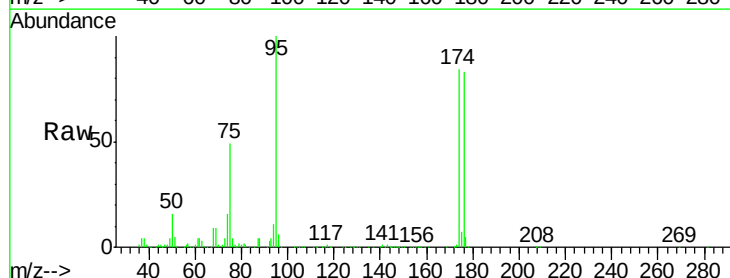
Instrument :
MSVOA_X
ClientSampleId :
Z5-TB3-200528

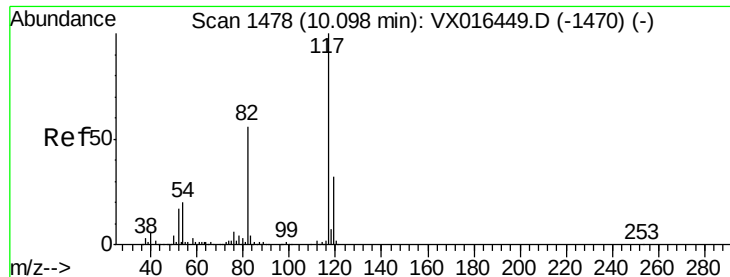
Tot Ion: 98 Resp: 575518
Ion Ratio Lower Upper
98 100
100 68.1 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 54.975 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016521.D
Acq: 01 Jun 2020 12:20

Tgt Ion: 95 Resp: 239207
Ion Ratio Lower Upper
95 100
174 82.0 0.0 163.0
176 81.4 0.0 156.8

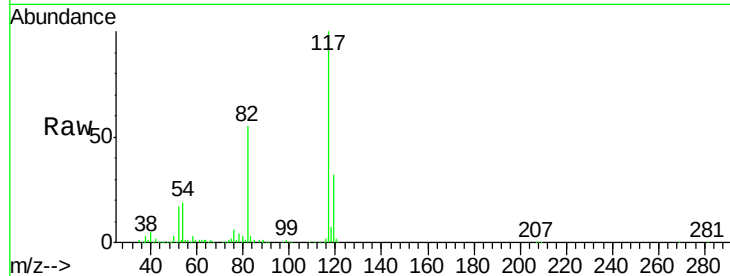




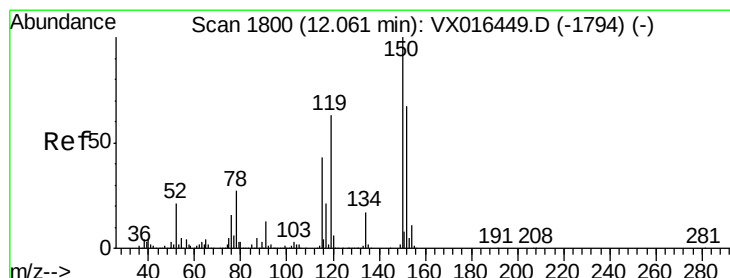
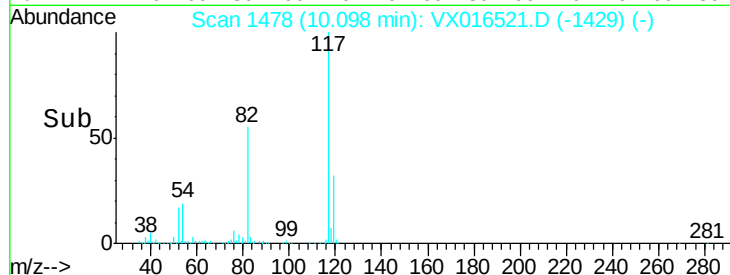
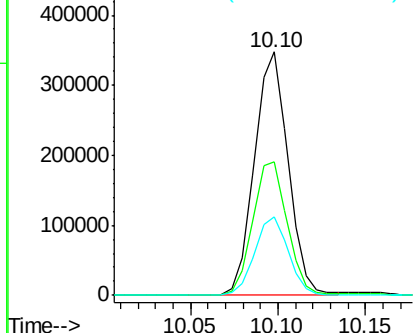
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016521.D
Acq: 01 Jun 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :
Z5-TB3-200528

Tot Ion:117 Resp: 466378
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.6
119 32.1 25.8 38.8

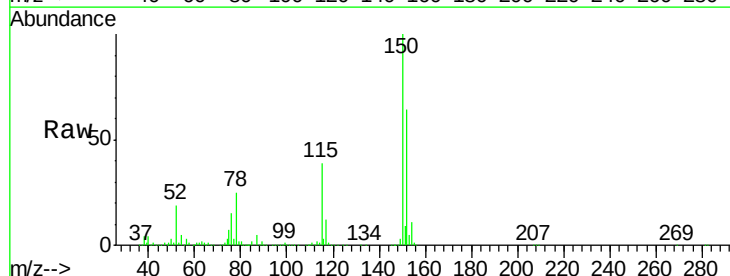


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016521.D
Acq: 01 Jun 2020 12:20

Tgt Ion:152 Resp: 244669
Ion Ratio Lower Upper
152 100
115 59.0 39.9 119.6
150 157.7 0.0 341.0



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

