

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016562.D
 Acq On : 03 Jun 2020 12:56
 Operator : JC/SP
 Sample : L2867-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-GMZ5-TB1

Quant Time: Jun 04 08:54:29 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	269532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	433710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	434463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215573	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	155387	46.42	ug/l	0.00
Spiked Amount						
			Recovery	=	92.84%	
35) Dibromofluoromethane	5.46	113	126268	47.28	ug/l	0.00
Spiked Amount						
			Recovery	=	94.56%	
50) Toluene-d8	8.70	98	542127	52.16	ug/l	0.00
Spiked Amount						
			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	11.12	95	216837	53.99	ug/l	0.00
Spiked Amount						
			Recovery	=	107.98%	

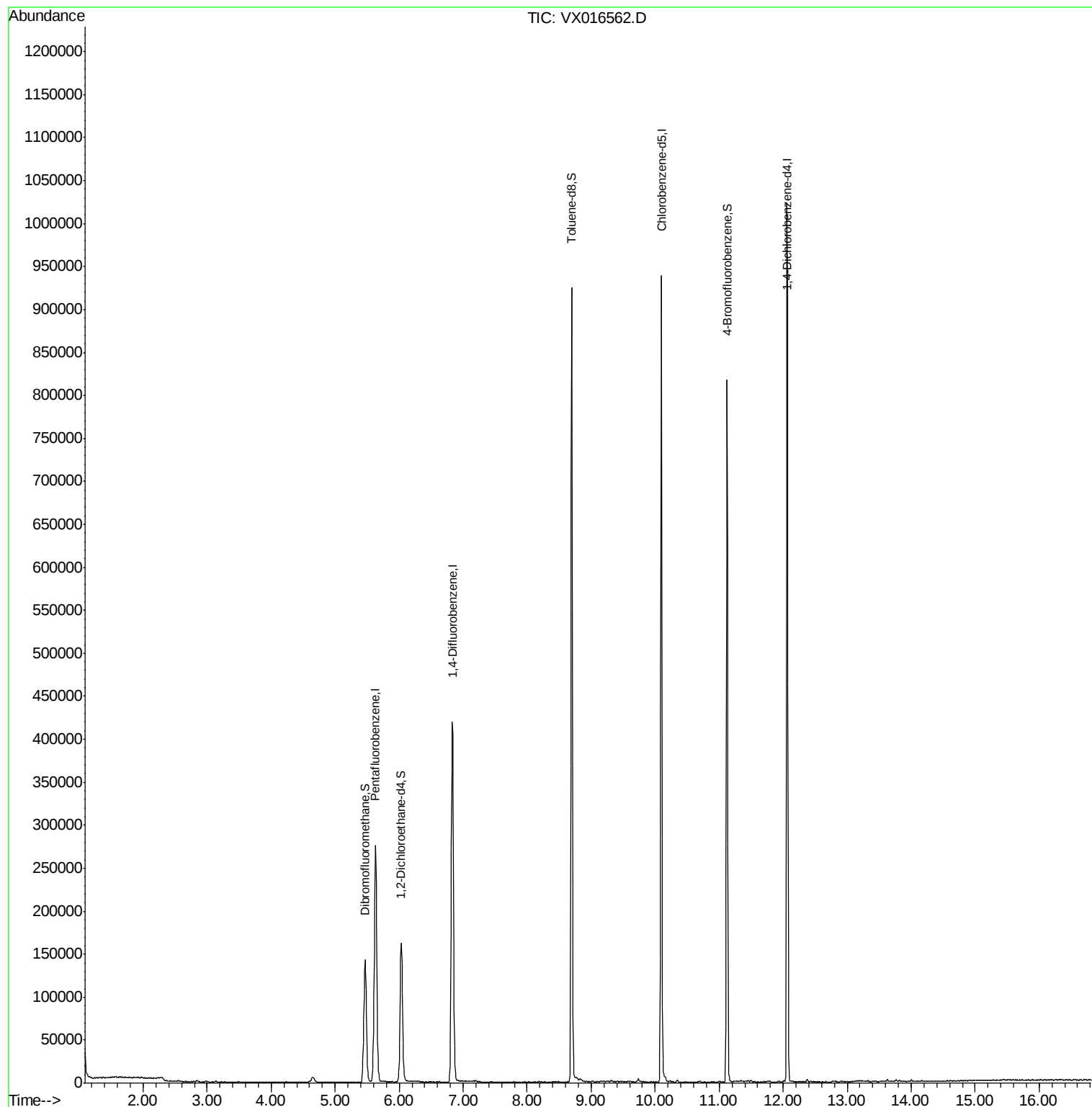
Target Compounds	Qvalue
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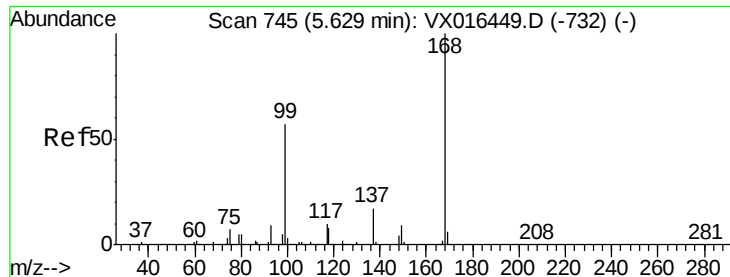
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016562.D

Acq: 03 Jun 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

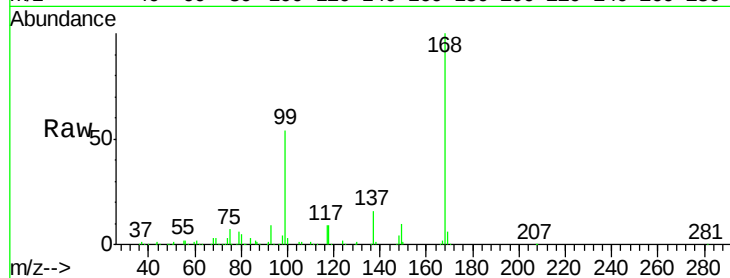
SP20-GMZ5-TB1

Tot Ion:168 Resp: 269532

Ion Ratio Lower Upper

168 100

99 53.6 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

100000

80000

60000

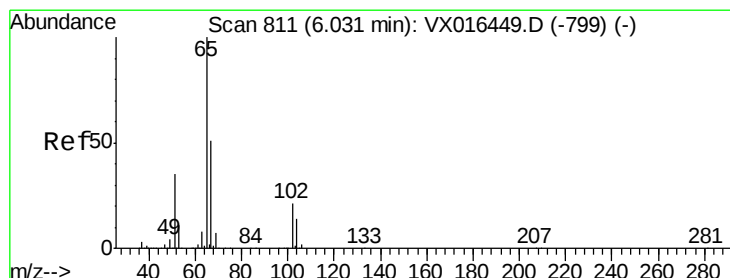
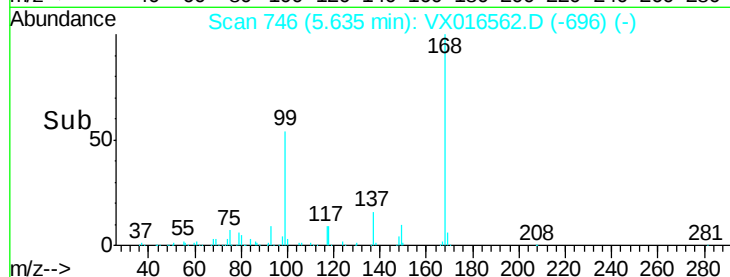
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.422 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016562.D

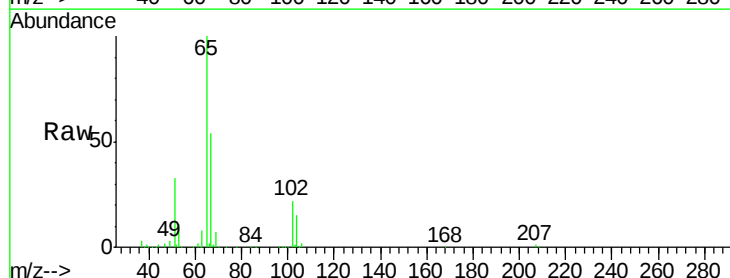
Acq: 03 Jun 2020 12:56

Tgt Ion: 65 Resp: 155387

Ion Ratio Lower Upper

65 100

67 53.6 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

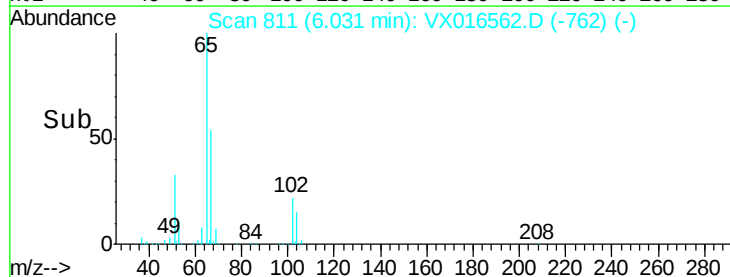
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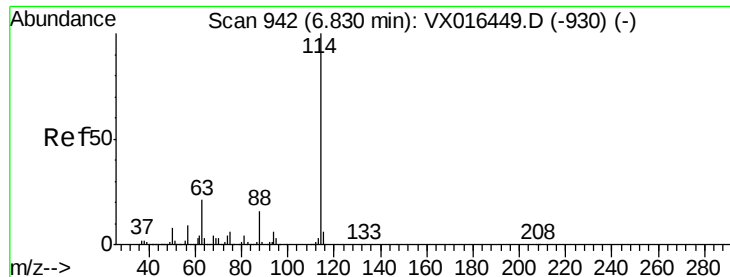
20000

0

Time-->

5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016562.D

Acq: 03 Jun 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

SP20-GMZ5-TB1

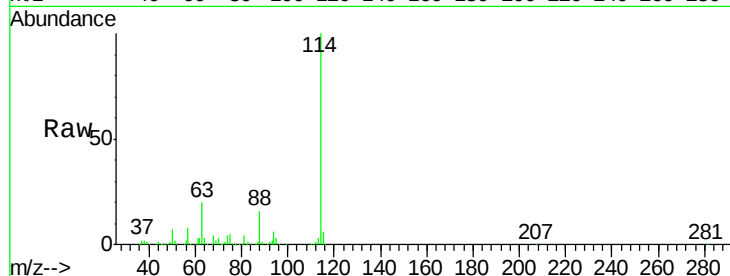
Tot Ion:114 Resp: 433710

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

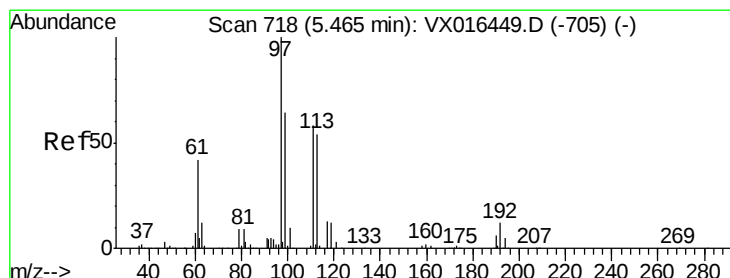
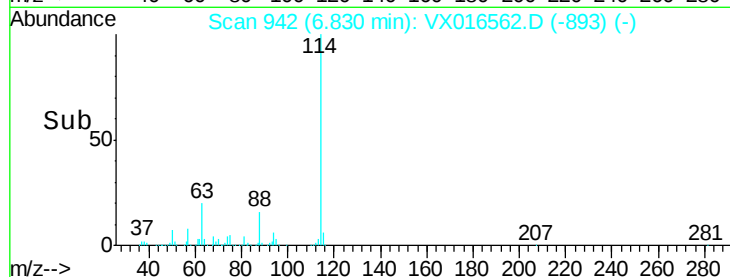
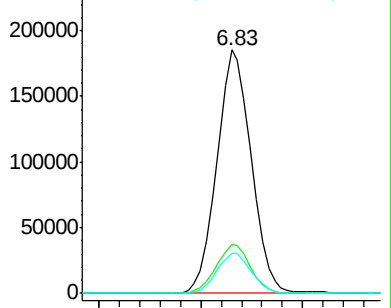
88 16.3 0.0 32.8



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: 47.282 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016562.D

Acq: 03 Jun 2020 12:56

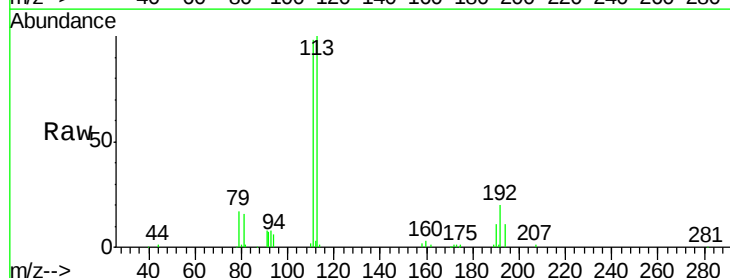
Tgt Ion:113 Resp: 126268

Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.6

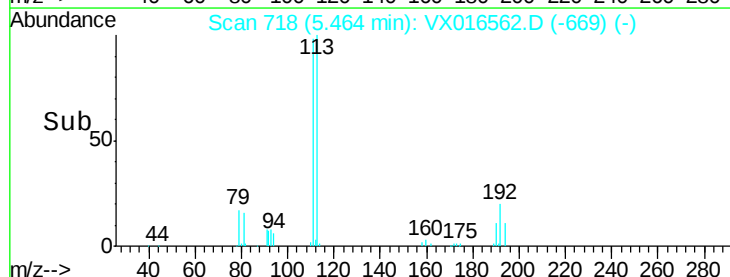
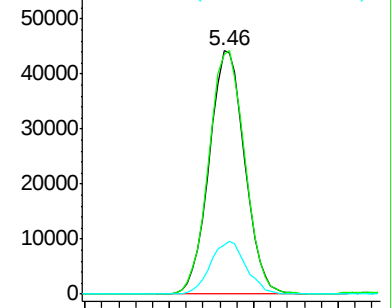
192 21.7 17.7 26.5

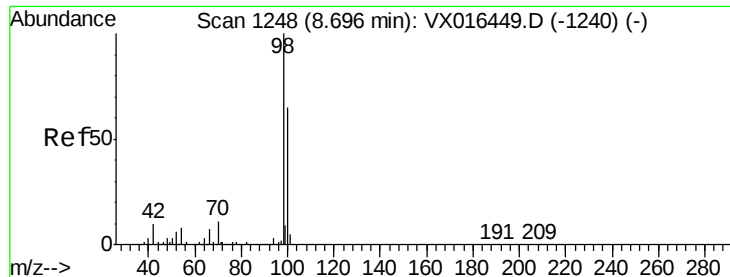


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.156 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016562.D

Acq: 03 Jun 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

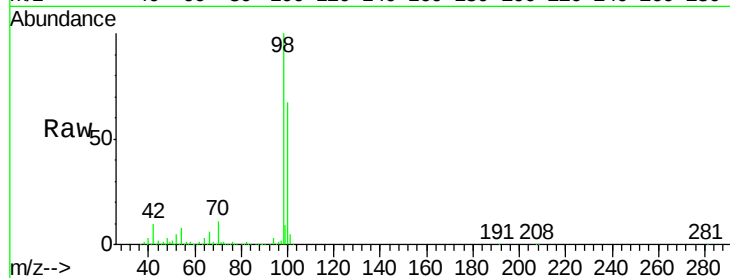
SP20-GMZ5-TB1

Tot Ion: 98 Resp: 542127

Ion Ratio Lower Upper

98 100

100 66.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

400000

300000

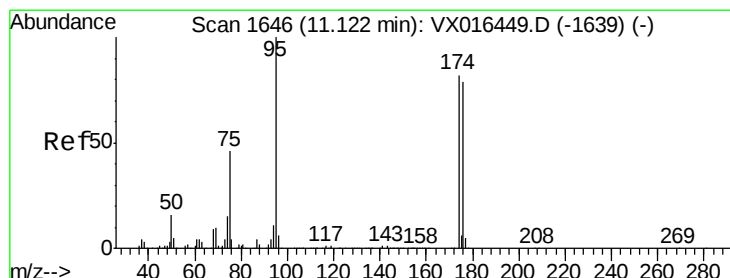
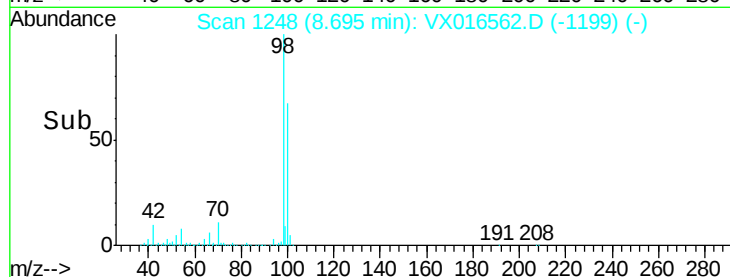
200000

100000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 53.988 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016562.D

Acq: 03 Jun 2020 12:56

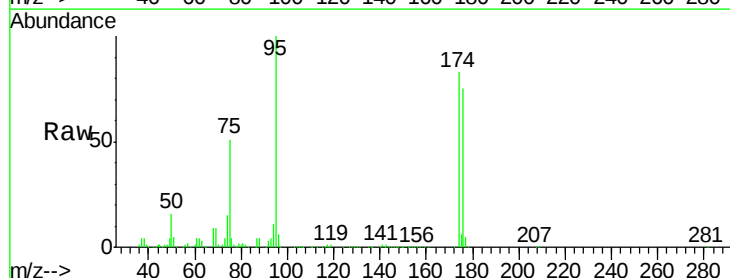
Tgt Ion: 95 Resp: 216837

Ion Ratio Lower Upper

95 100

174 83.2 0.0 163.0

176 78.3 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

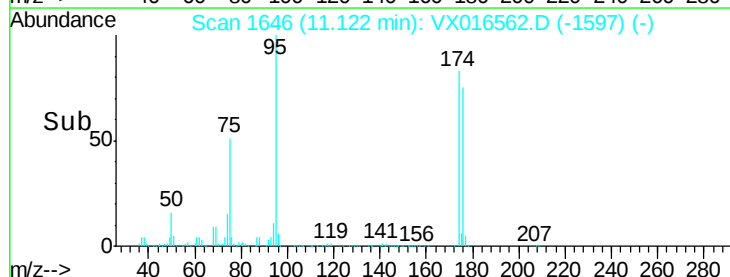
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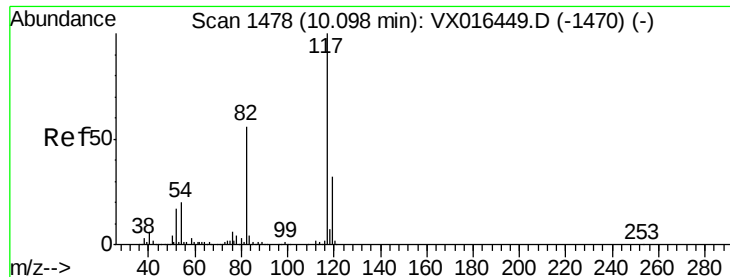
50000

0

11.10 11.12 11.20

Time-->

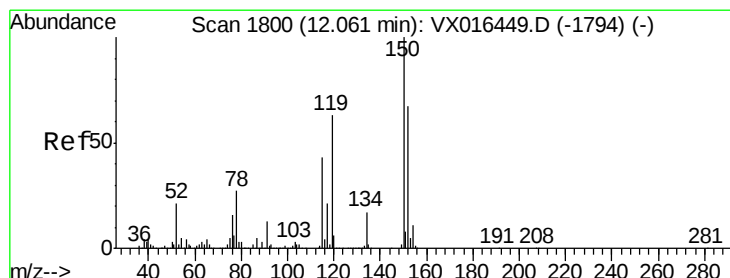
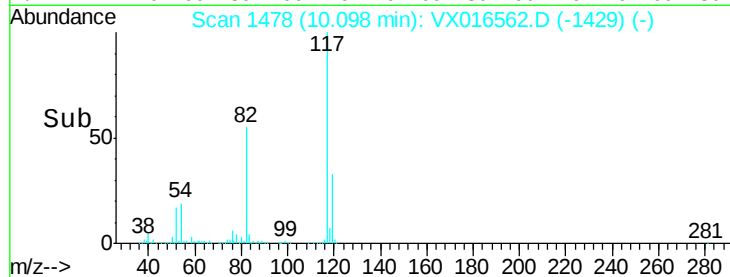
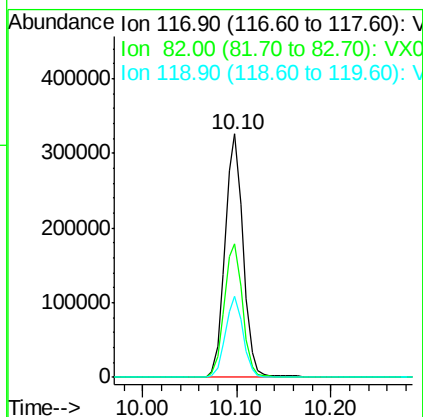
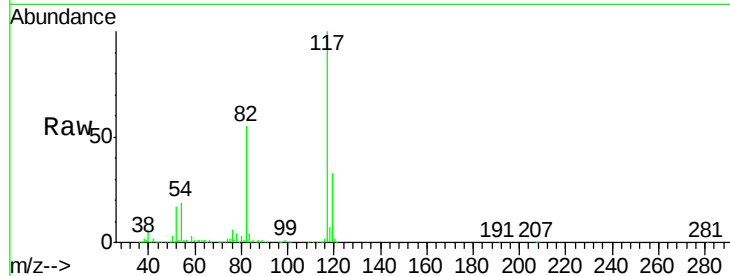




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016562.D
Acq: 03 Jun 2020 12:56

Instrument :
MSVOA_X
ClientSampleId :
SP20-GMZ5-TB1

Tot Ion:117 Resp: 434463
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.6
119 33.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016562.D
Acq: 03 Jun 2020 12:56

Tgt Ion:152 Resp: 215573
Ion Ratio Lower Upper
152 100
115 59.0 39.9 119.6
150 158.0 0.0 341.0

