

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016520.D
 Acq On : 01 Jun 2020 11:57
 Operator : JC/SP
 Sample : L2802-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-TB1-200527

Quant Time: Jun 02 02:03:36 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	5.63	168	299688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	481967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	479282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	249337	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	173016	46.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.98%	
35) Dibromofluoromethane	5.46	113	138148	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	8.70	98	596929	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.12	95	243225	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	

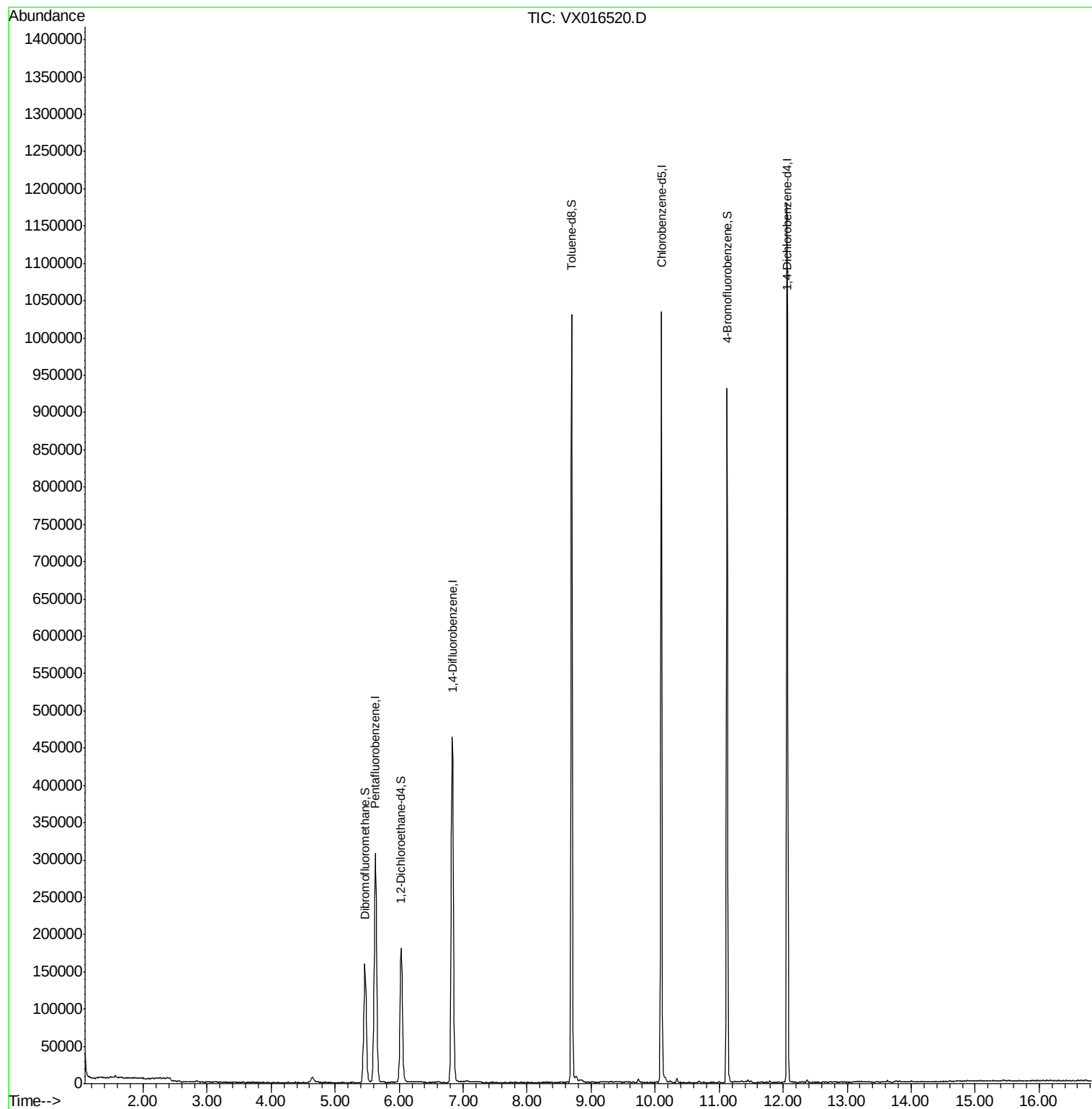
Target Compounds Qvalue

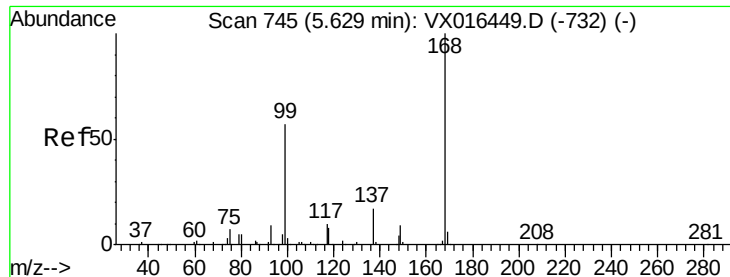
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016520.D

Acq: 01 Jun 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

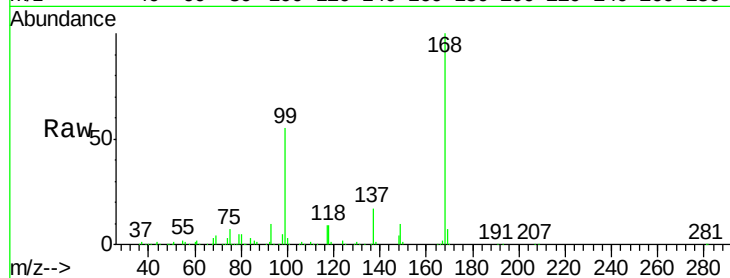
Z5-TB1-200527

Tot Ion:168 Resp: 299688

Ion Ratio Lower Upper

168 100

99 54.9 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

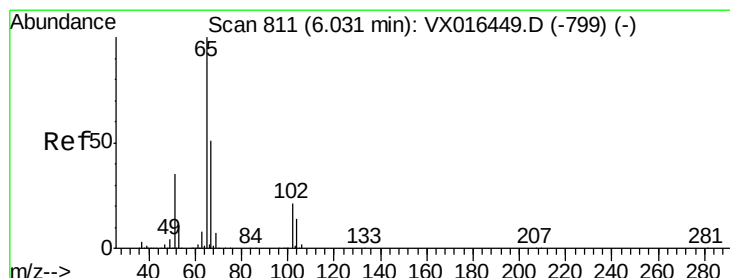
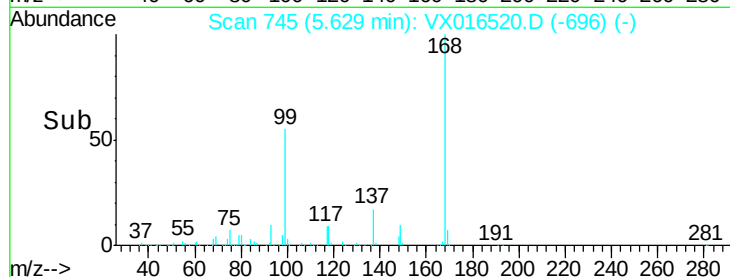
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.488 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016520.D

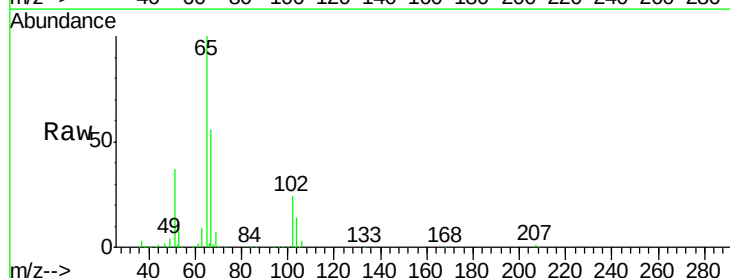
Acq: 01 Jun 2020 11:57

Tgt Ion: 65 Resp: 173016

Ion Ratio Lower Upper

65 100

67 52.8 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

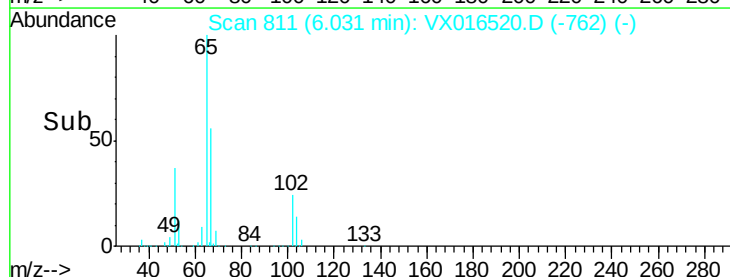
40000

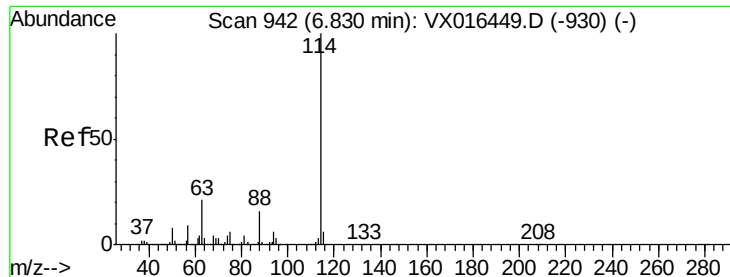
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016520.D

Acq: 01 Jun 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

Z5-TB1-200527

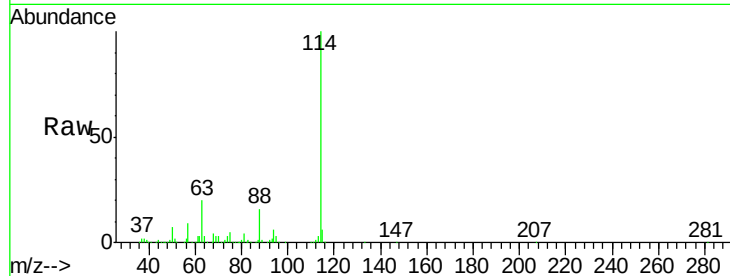
Tot Ion:114 Resp: 481967

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

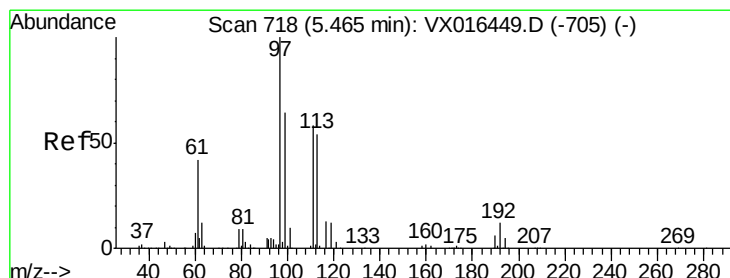
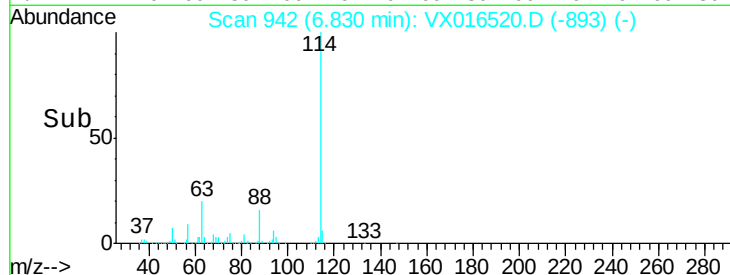
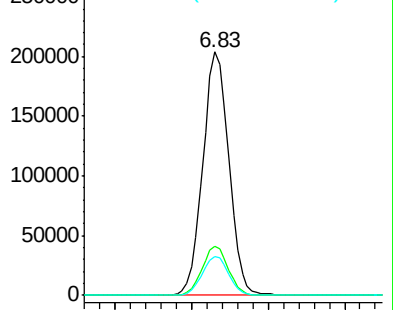
88 15.9 0.0 32.8



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: 46.551 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016520.D

Acq: 01 Jun 2020 11:57

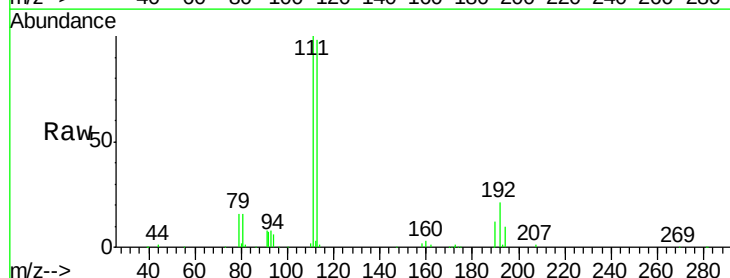
Tgt Ion:113 Resp: 138148

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

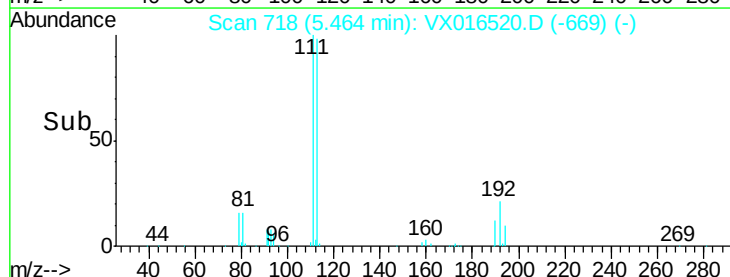
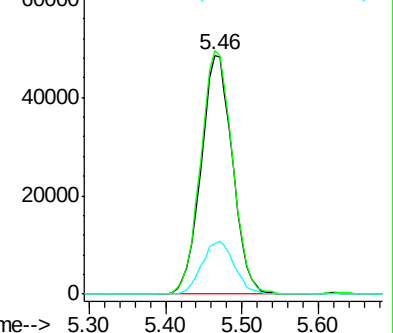
192 22.9 17.7 26.5

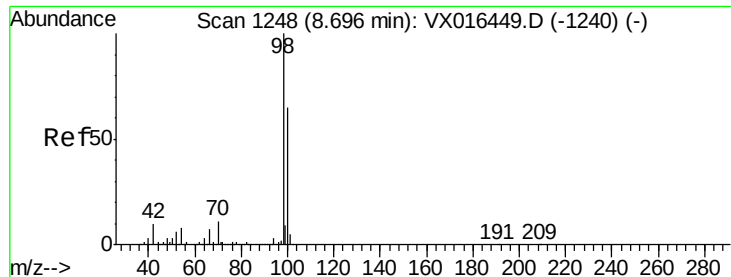


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.678 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016520.D

Acq: 01 Jun 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

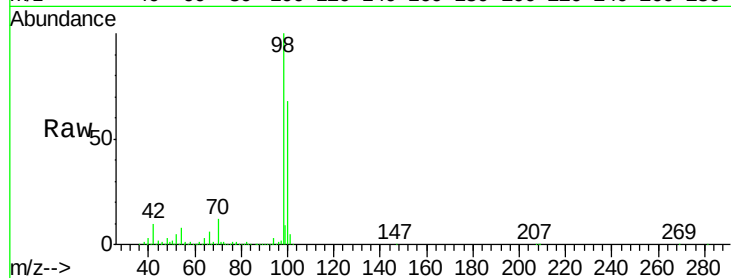
Z5-TB1-200527

Tot Ion: 98 Resp: 596929

Ion Ratio Lower Upper

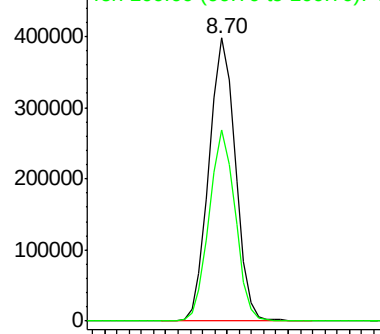
98 100

100 66.7 53.8 80.6

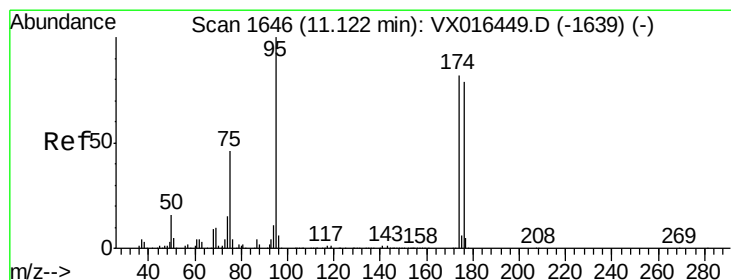
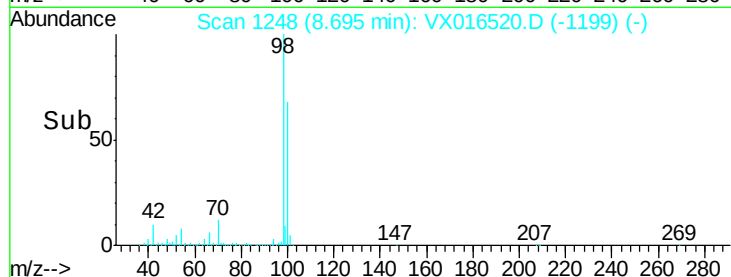


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time-->



#62

4-Bromofluorobenzene

Concen: 54.495 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016520.D

Acq: 01 Jun 2020 11:57

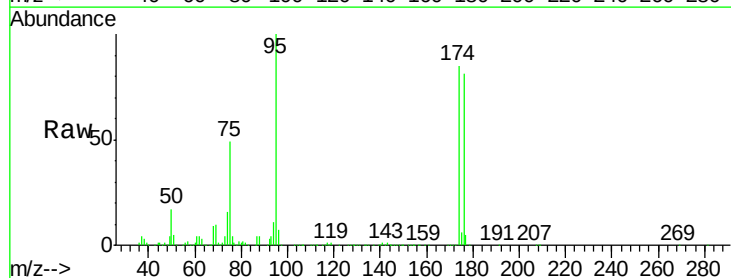
Tgt Ion: 95 Resp: 243225

Ion Ratio Lower Upper

95 100

174 82.1 0.0 163.0

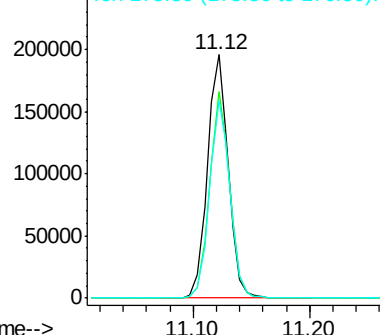
176 80.1 0.0 156.8



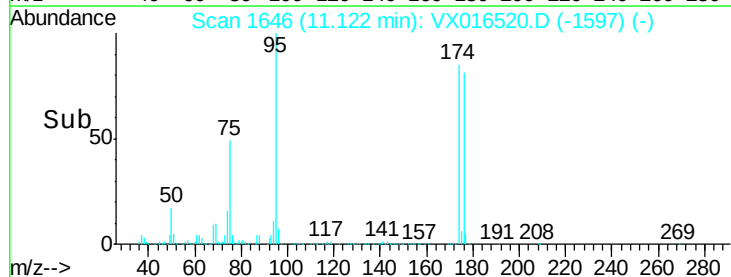
Abundance Ion 94.90 (94.60 to 95.60): VX0

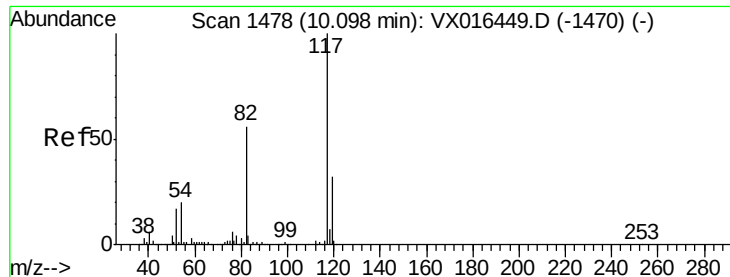
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

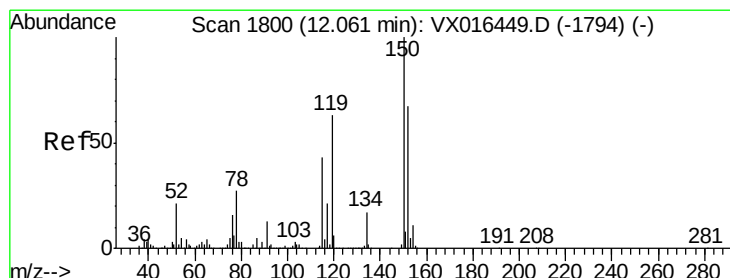
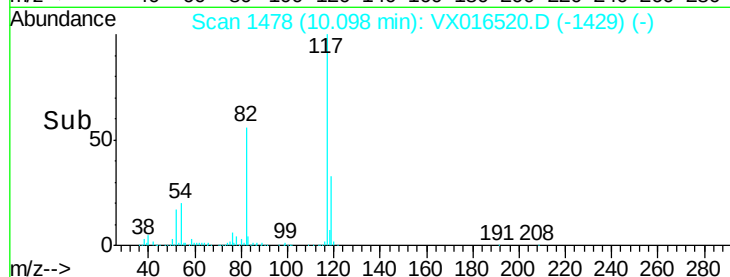
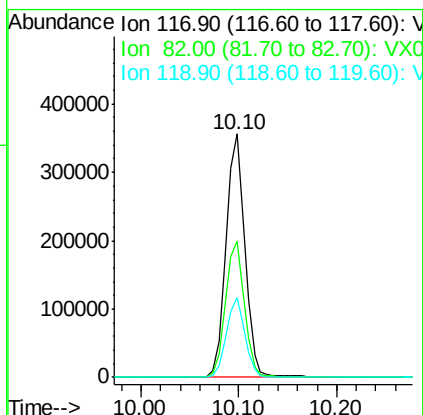
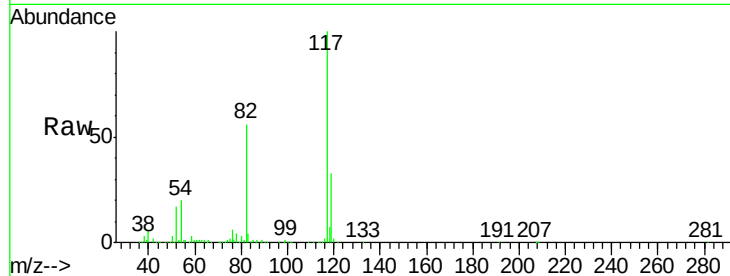




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016520.D
Acq: 01 Jun 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
Z5-TB1-200527

Tot Ion:117 Resp: 479282
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.6
119 32.9 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: VX016520.D
Acq: 01 Jun 2020 11:57

Tgt Ion:152 Resp: 249337
Ion Ratio Lower Upper
152 100
115 59.0 39.9 119.6
150 155.5 0.0 341.0

