

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052820\
 Data File : VX016488.D
 Acq On : 28 May 2020 16:17
 Operator : JC/SP
 Sample : L2782-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200526

Quant Time: May 29 09:06:45 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	284933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	455733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	456959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	228032	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	171509	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	5.46	113	133241	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
50) Toluene-d8	8.70	98	578327	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
62) 4-Bromofluorobenzene	11.12	95	231640	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	

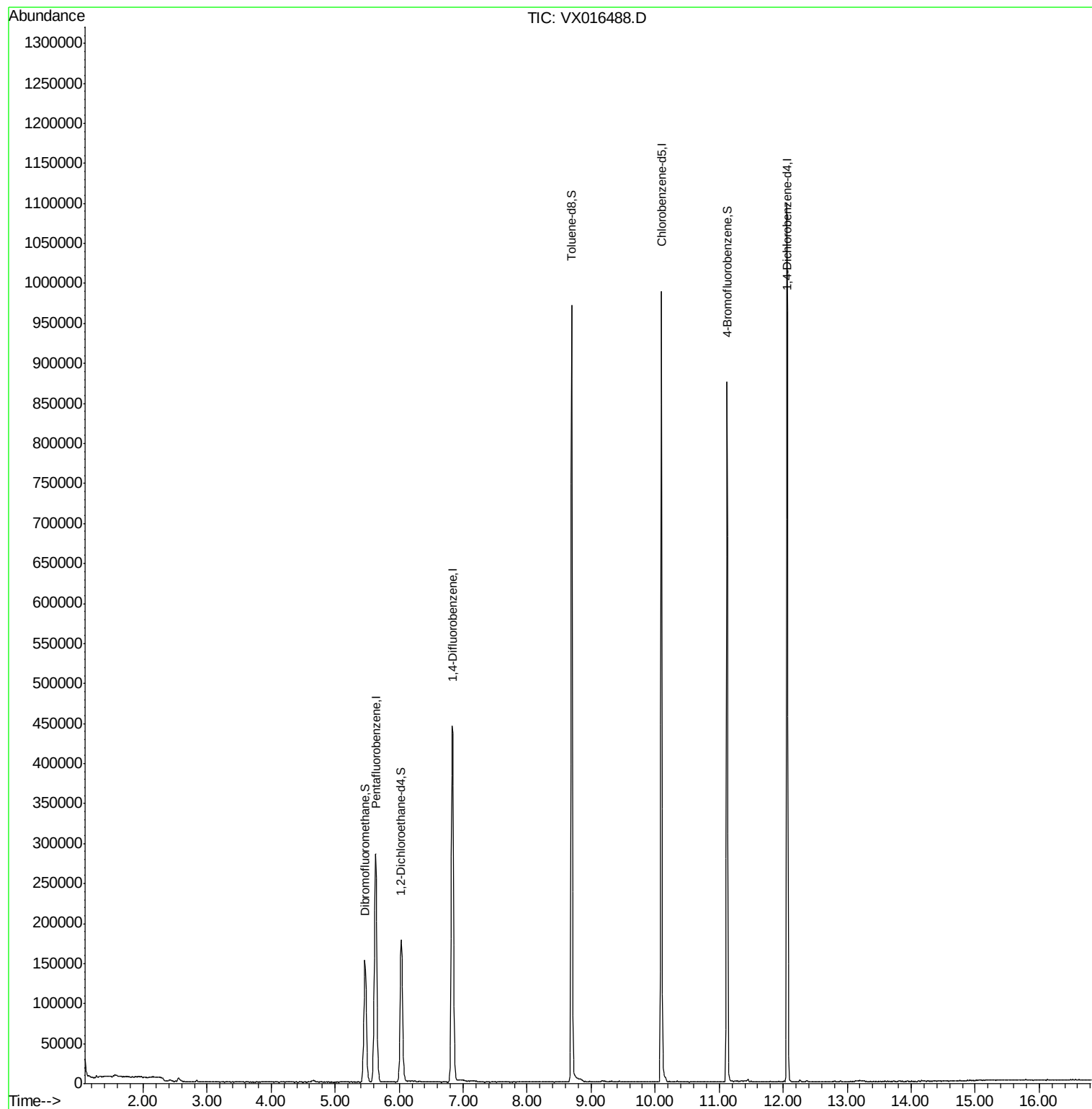
Target Compounds	Qvalue

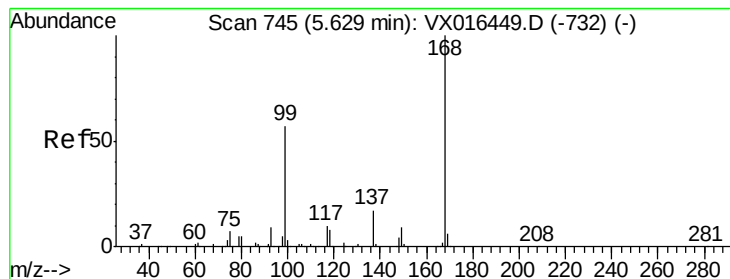
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016488.D

Acq: 28 May 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

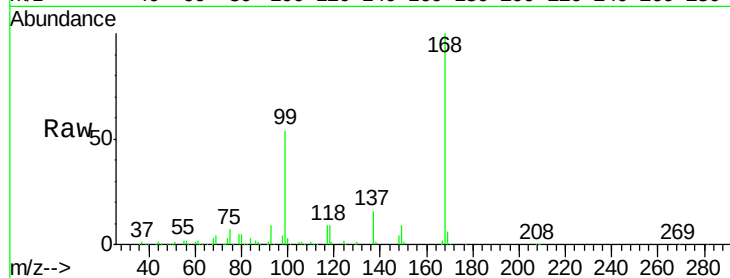
TB-01-200526

Tot Ion:168 Resp: 284933

Ion Ratio Lower Upper

168 100

99 53.9 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

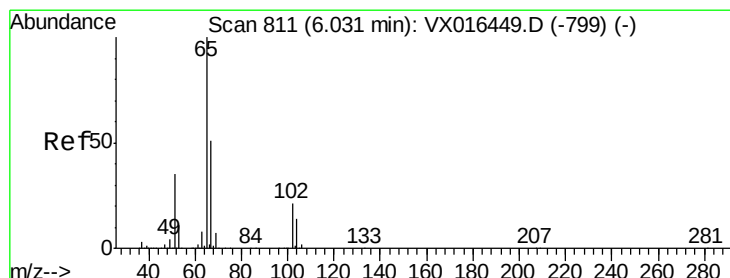
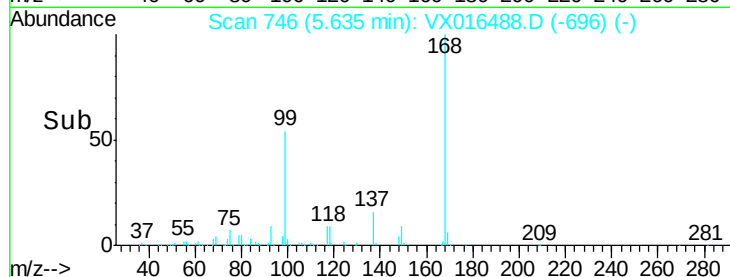
5.50

5.60

5.70

5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.469 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016488.D

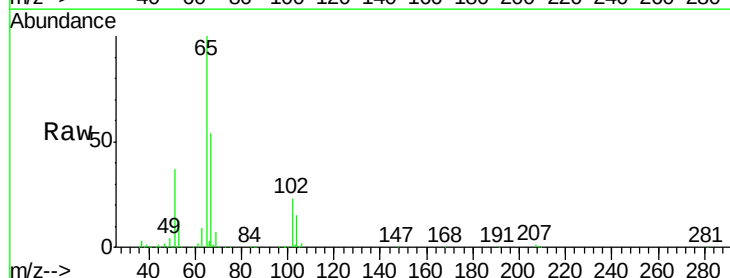
Acq: 28 May 2020 16:17

Tgt Ion: 65 Resp: 171509

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

60000

40000

20000

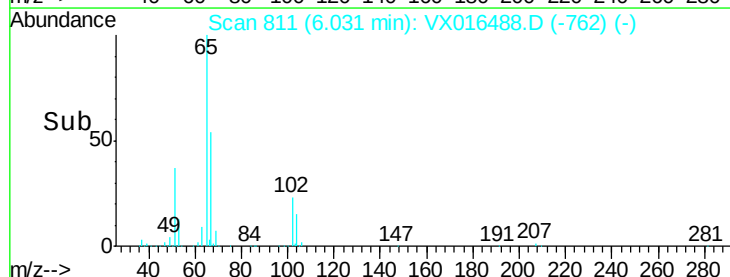
0

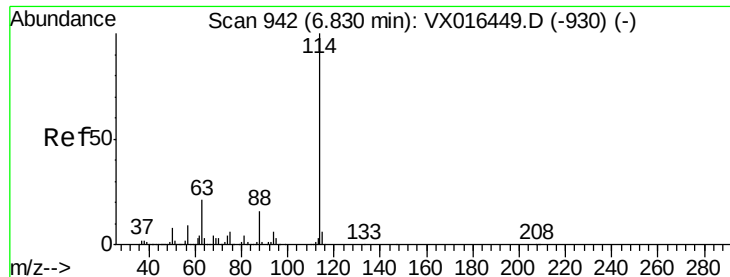
5.90

6.00

6.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016488.D

Acq: 28 May 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200526

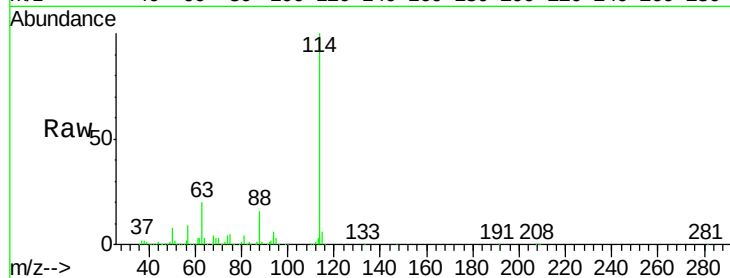
Tot Ion:114 Resp: 455733

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

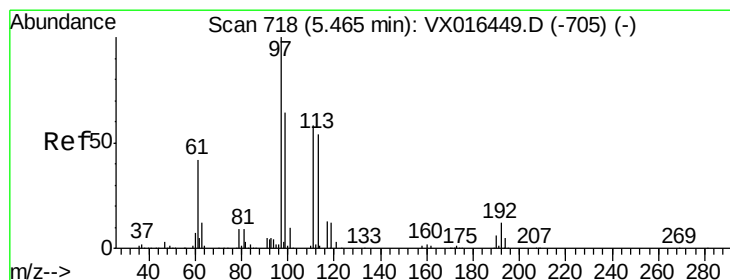
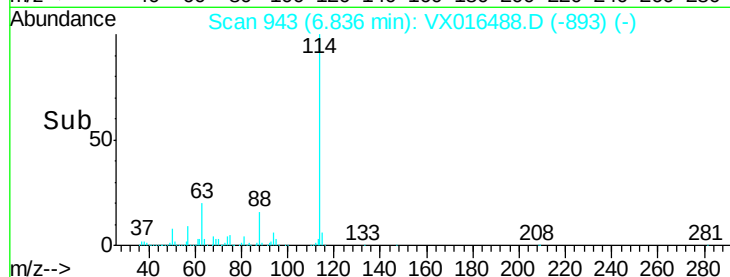
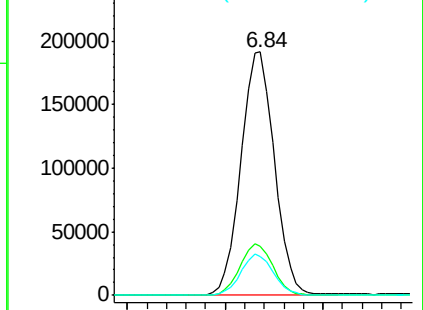
88 16.0 0.0 32.8



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: 47.482 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016488.D

Acq: 28 May 2020 16:17

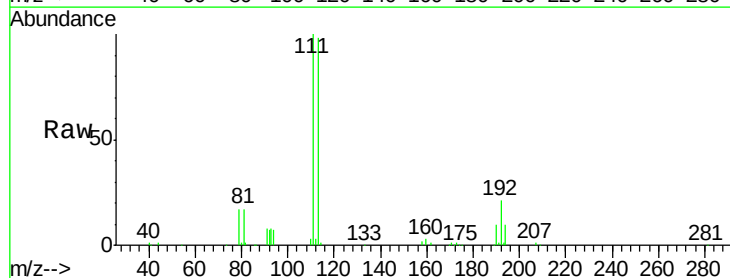
Tgt Ion:113 Resp: 133241

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.6

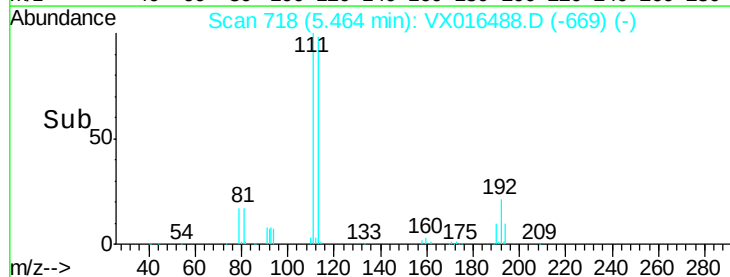
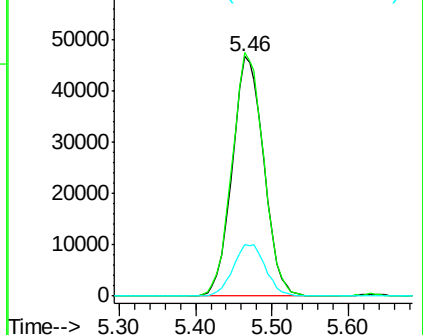
192 22.0 17.7 26.5

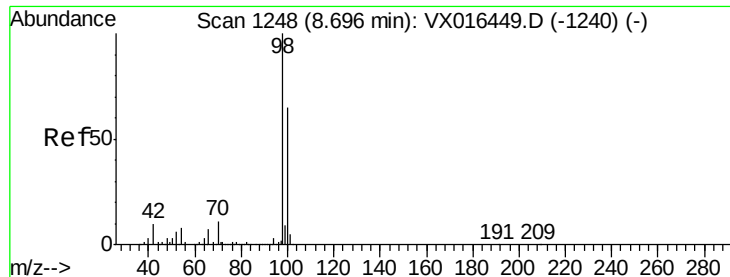


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.950 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016488.D

Acq: 28 May 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

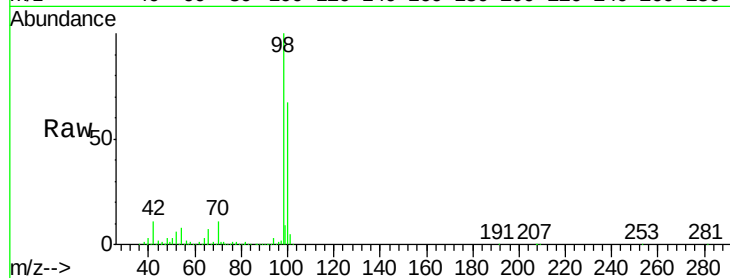
TB-01-200526

Tot Ion: 98 Resp: 578327

Ion Ratio Lower Upper

98 100

100 66.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

400000

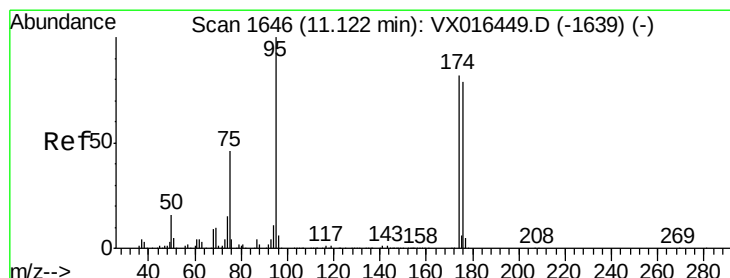
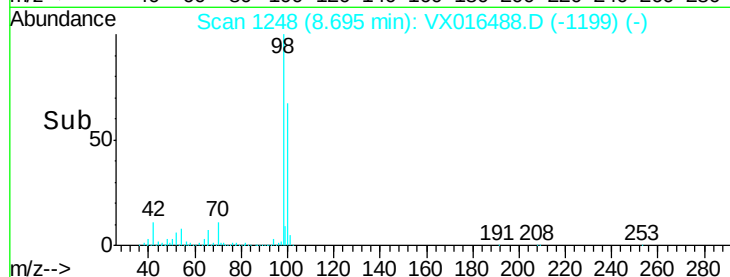
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.887 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016488.D

Acq: 28 May 2020 16:17

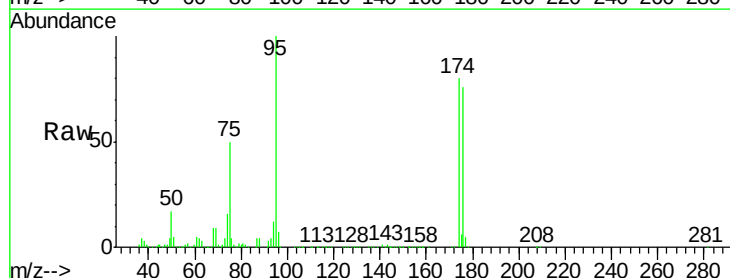
Tgt Ion: 95 Resp: 231640

Ion Ratio Lower Upper

95 100

174 81.1 0.0 163.0

176 80.6 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

11.12

250000

200000

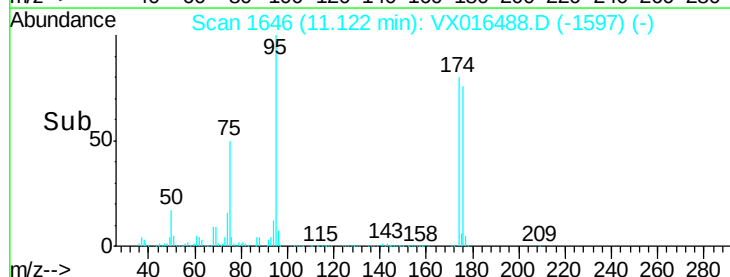
150000

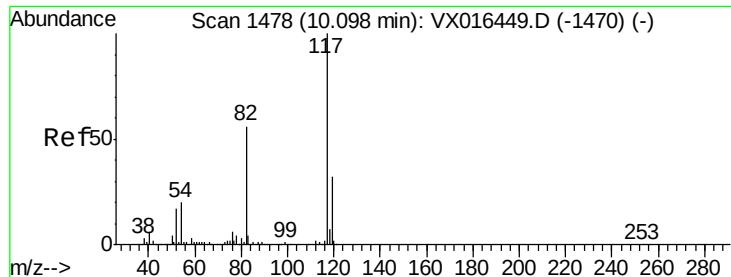
100000

50000

0

Time-->

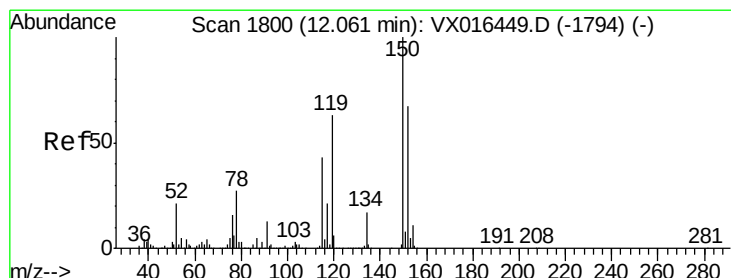
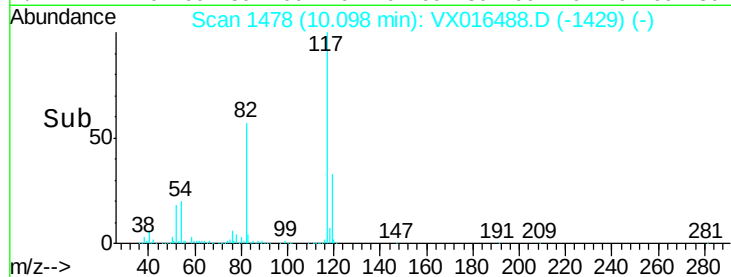
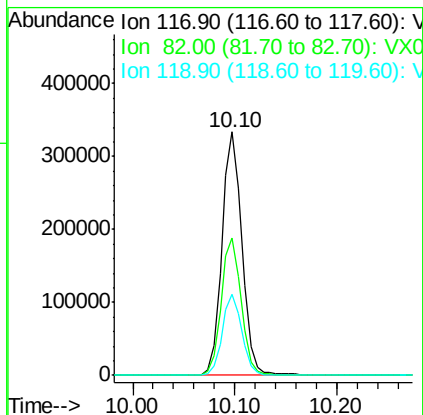
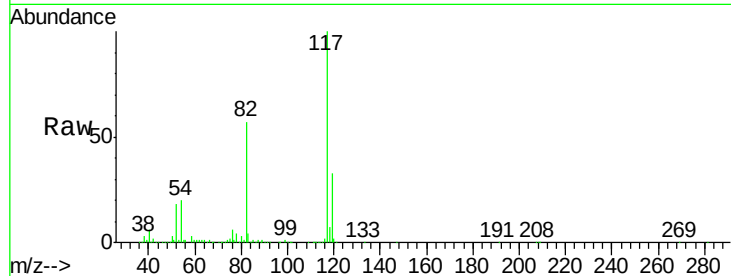




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016488.D
Acq: 28 May 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :
TB-01-200526

Tot Ion:117 Resp: 456959
Ion Ratio Lower Upper
117 100
82 56.7 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: VX016488.D
Acq: 28 May 2020 16:17

Tgt Ion:152 Resp: 228032
Ion Ratio Lower Upper
152 100
115 59.1 39.9 119.6
150 156.0 0.0 341.0

