

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016196.D
 Acq On : 13 May 2020 22:38
 Operator : JC/SP
 Sample : VX0513WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBL02

Quant Time: May 14 07:28:38 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	273003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	451161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	445275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225162	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	167022	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	5.46	113	131752	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
50) Toluene-d8	8.70	98	557659	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.12	95	221554	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	

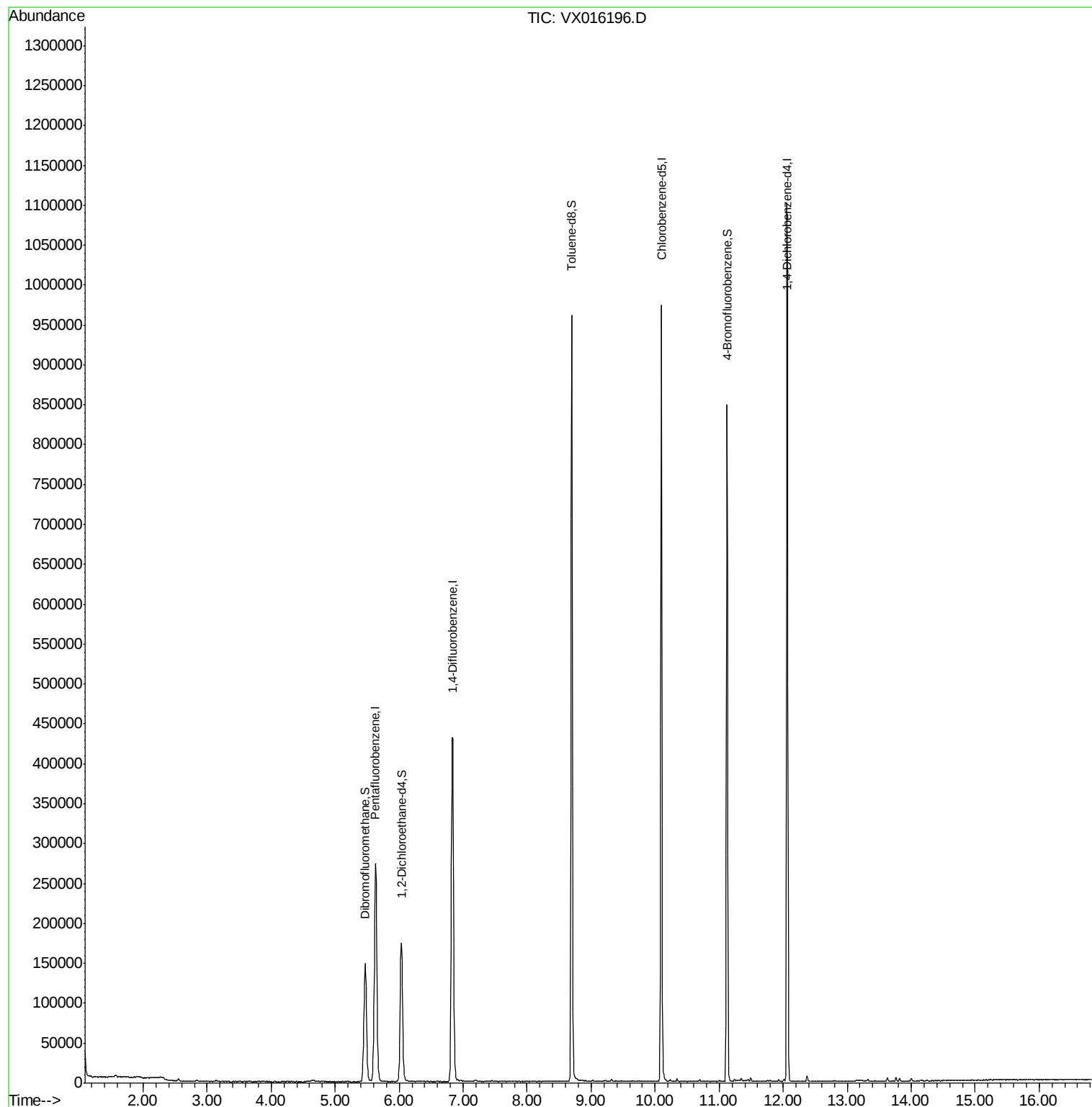
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016196.D

Acq: 13 May 2020 22:38

Instrument :

MSVOA_X

ClientSampleId :

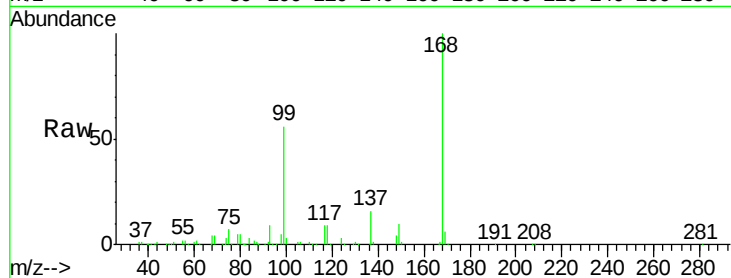
VX0513WBL02

Tot Ion:168 Resp: 273003

Ion Ratio Lower Upper

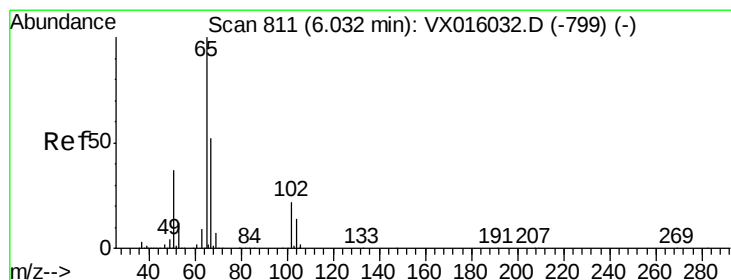
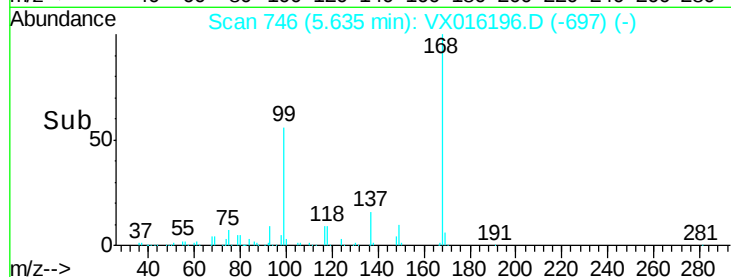
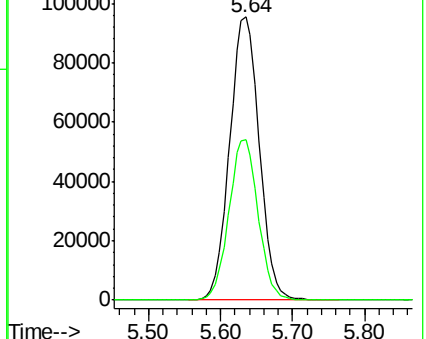
168 100

99 56.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.493 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016196.D

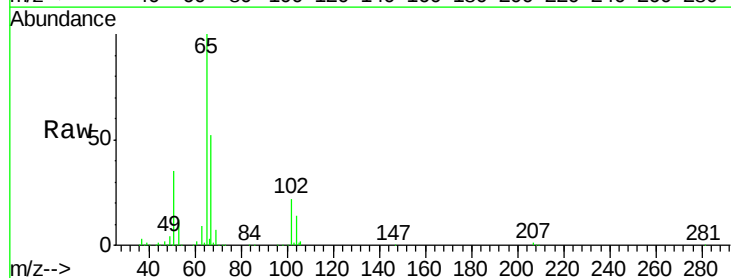
Acq: 13 May 2020 22:38

Tgt Ion: 65 Resp: 167022

Ion Ratio Lower Upper

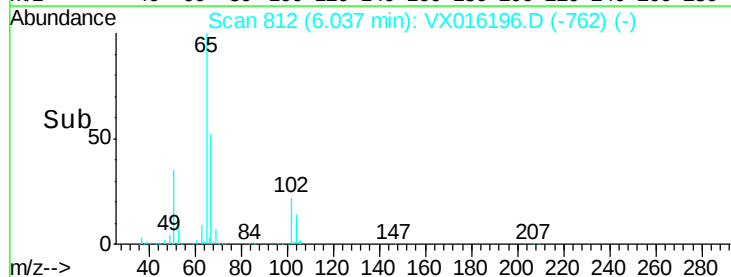
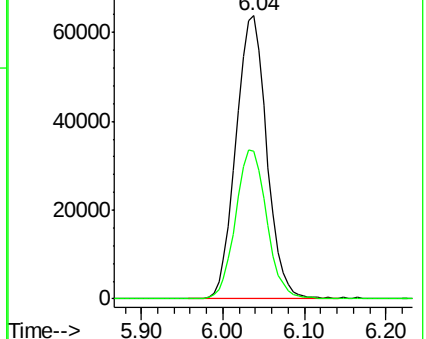
65 100

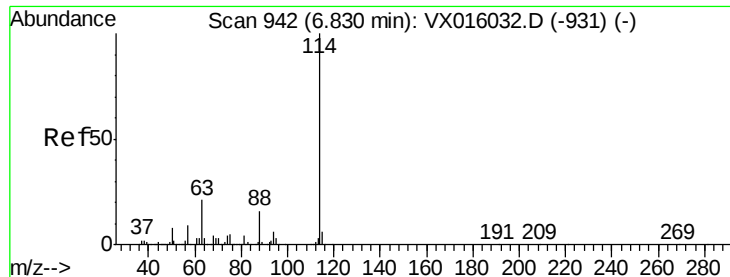
67 53.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016196.D

Acq: 13 May 2020 22:38

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBL02

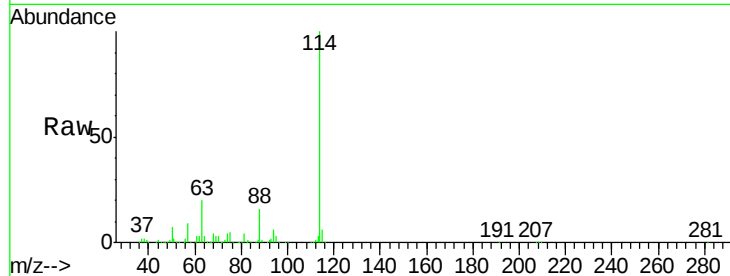
Tot Ion:114 Resp: 451161

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

88 15.9 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

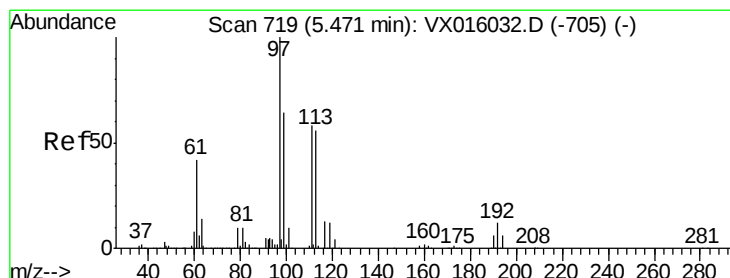
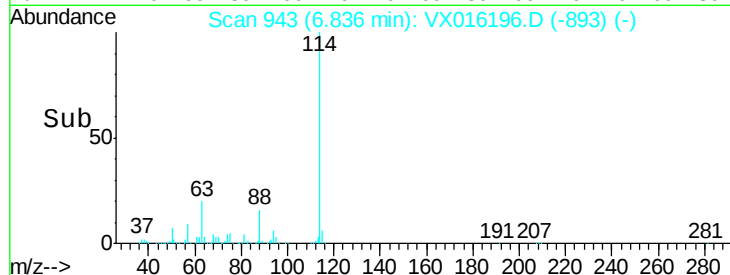
50000

0

6.84

6.70 6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 46.095 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016196.D

Acq: 13 May 2020 22:38

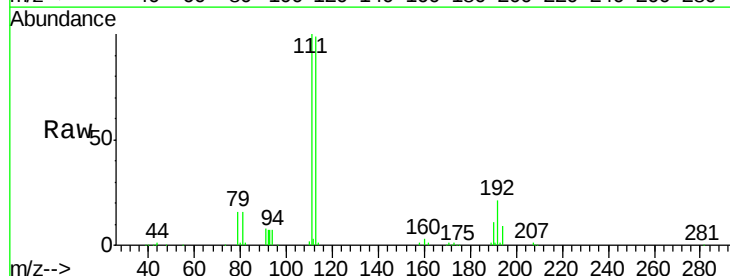
Tgt Ion:113 Resp: 131752

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

192 21.5 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

50000

40000

30000

20000

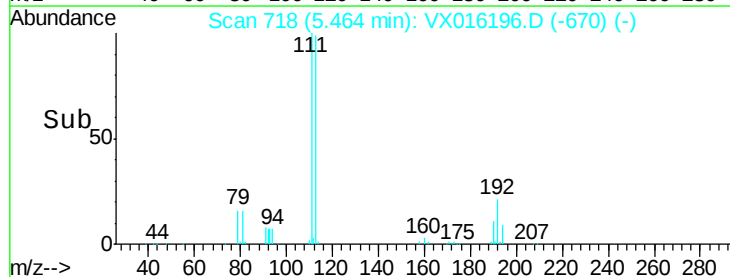
10000

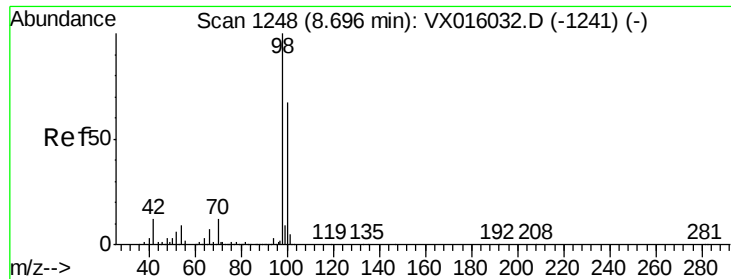
0

5.46

5.30 5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 50.635 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016196.D

Acq: 13 May 2020 22:38

Instrument :

MSVOA_X

ClientSampleId :

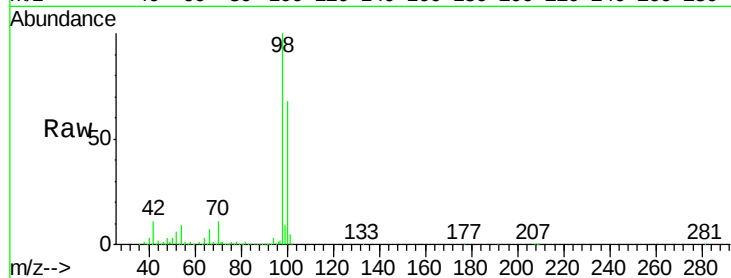
VX0513WBL02

Tot Ion: 98 Resp: 557659

Ion Ratio Lower Upper

98 100

100 67.5 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

400000

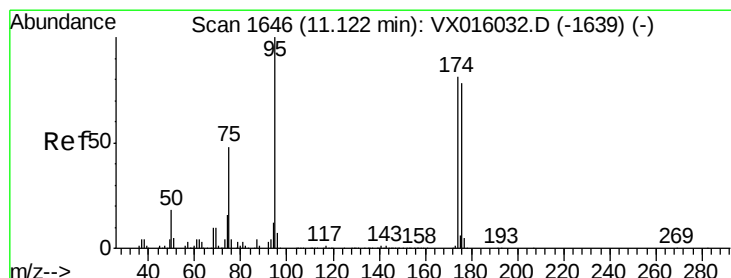
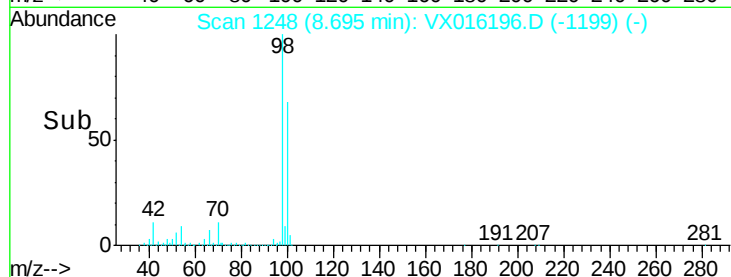
300000

200000

100000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 52.891 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016196.D

Acq: 13 May 2020 22:38

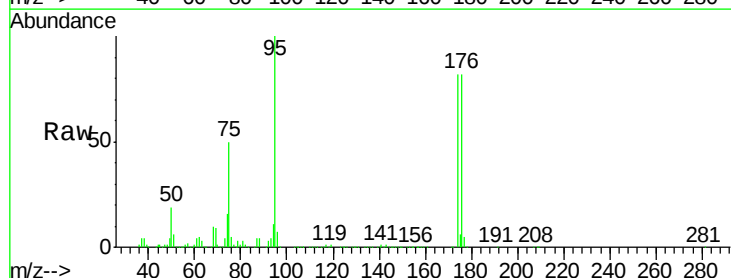
Tgt Ion: 95 Resp: 221554

Ion Ratio Lower Upper

95 100

174 82.0 0.0 159.4

176 79.7 0.0 157.6



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

200000

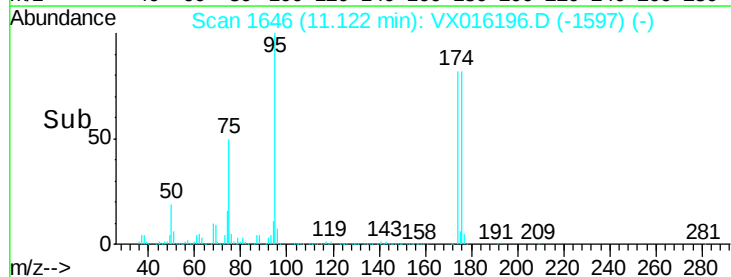
150000

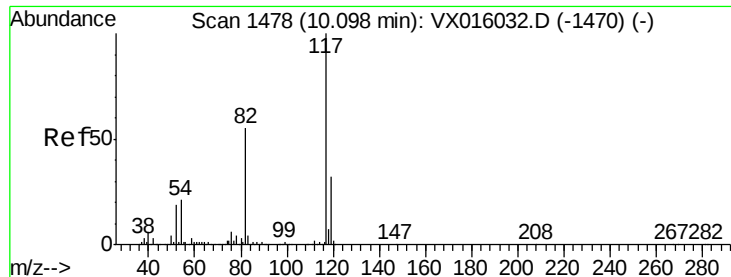
100000

50000

0

Time--> 11.05 11.10 11.15 11.20

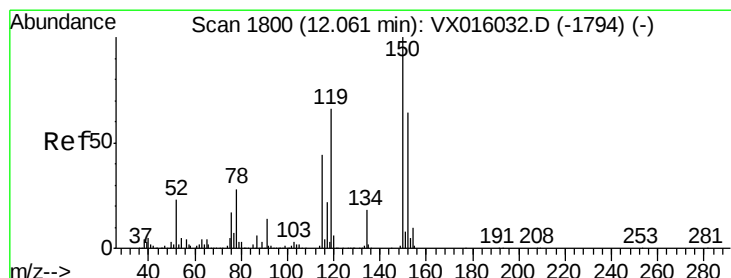
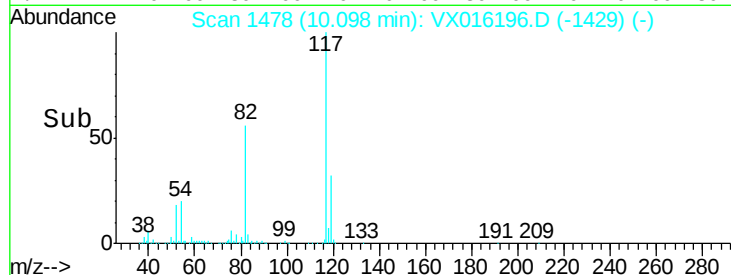
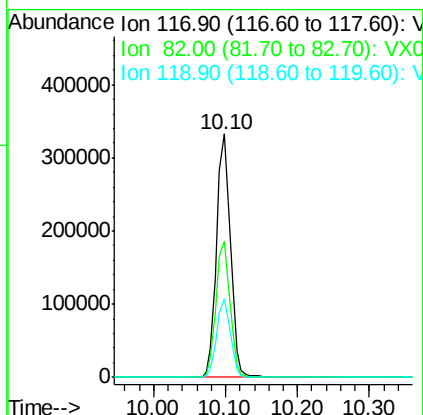
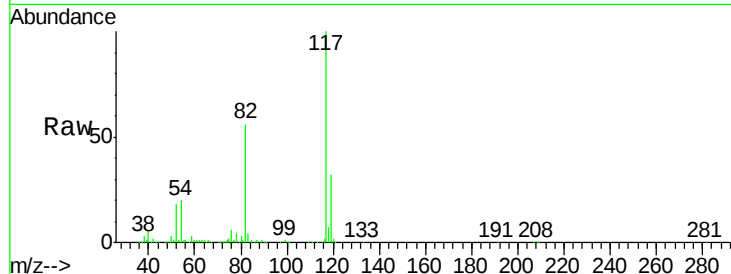




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016196.D
Acq: 13 May 2020 22:38

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL02

Tot Ion:117 Resp: 445275
Ion Ratio Lower Upper
117 100
82 55.7 44.4 66.6
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016196.D
Acq: 13 May 2020 22:38

Tgt Ion:152 Resp: 225162
Ion Ratio Lower Upper
152 100
115 59.6 41.3 124.1
150 158.2 0.0 352.2

