

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016169.D
 Acq On : 13 May 2020 11:19
 Operator : JC/SP
 Sample : L2597-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-TB4-200511

Quant Time: May 14 06:37:05 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	295847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	478104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	465771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231496	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	175476	45.07	ug/l	0.00
Spiked Amount			Recovery	=	90.14%	
35) Dibromofluoromethane	5.47	113	140423	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	
50) Toluene-d8	8.70	98	596135	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.12	95	234469	52.82	ug/l	0.00
Spiked Amount			Recovery	=	105.64%	

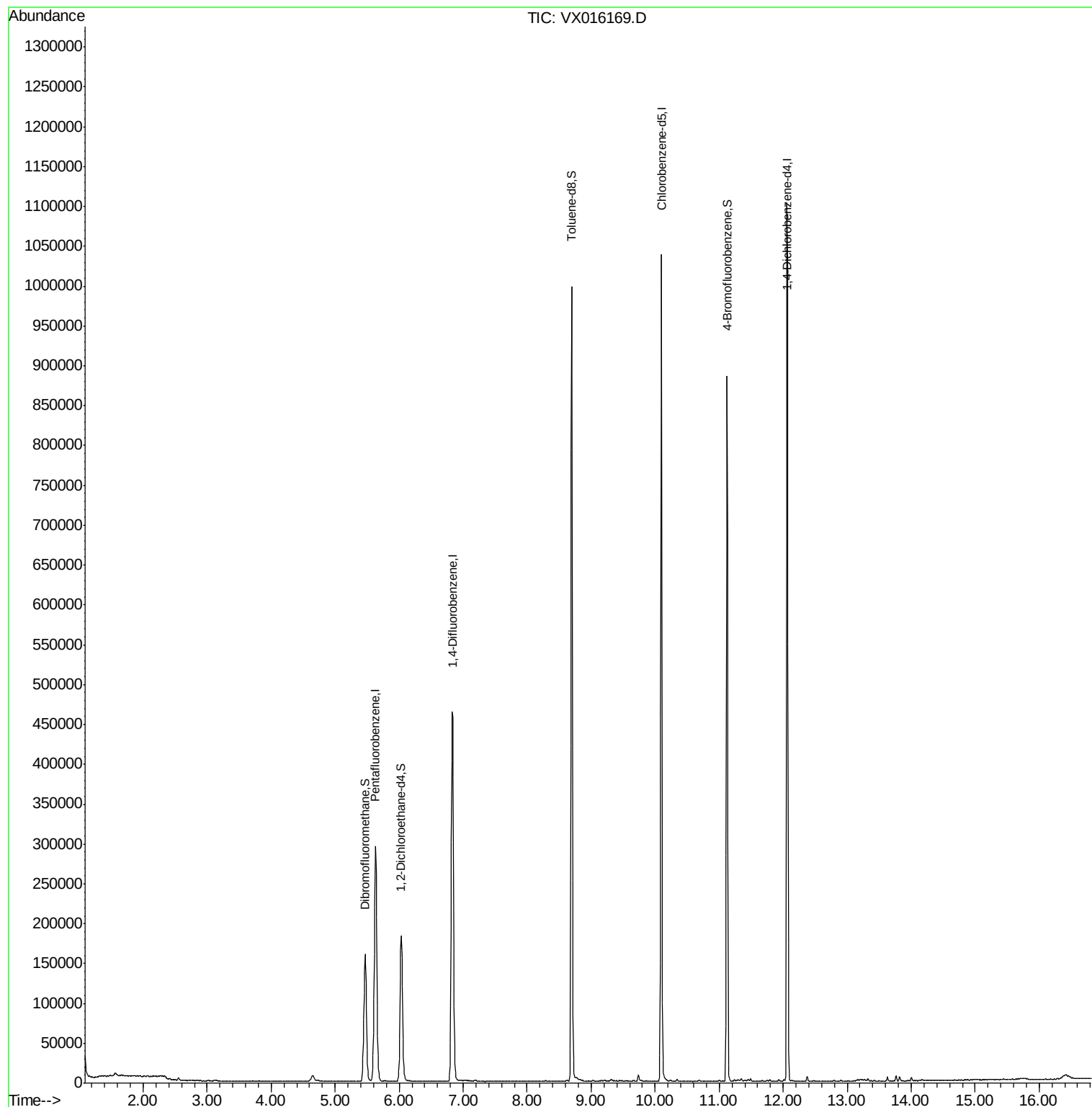
Target Compounds	Qvalue
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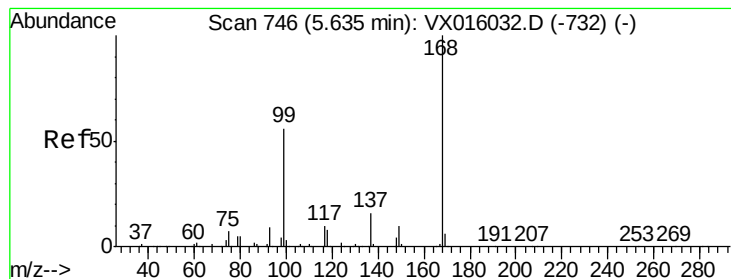
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016169.D

Acq: 13 May 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

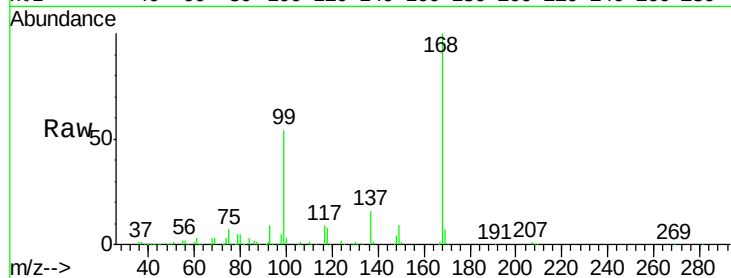
Z4-TB4-200511

Tot Ion:168 Resp: 295847

Ion Ratio Lower Upper

168 100

99 54.4 45.0 67.4



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

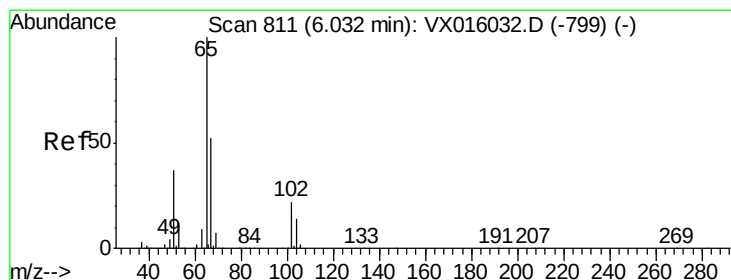
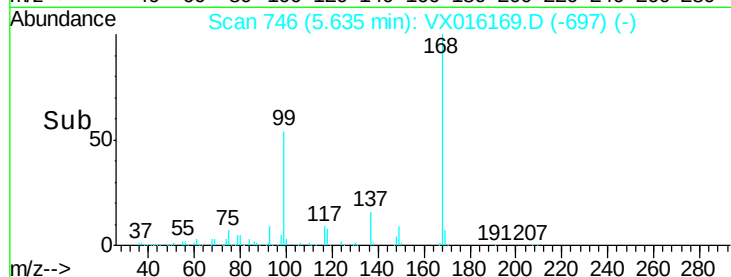
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.074 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016169.D

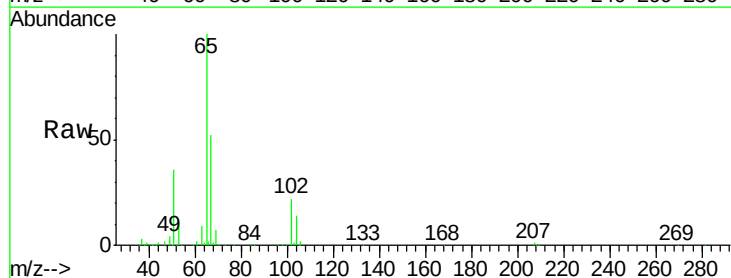
Acq: 13 May 2020 11:19

Tgt Ion: 65 Resp: 175476

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

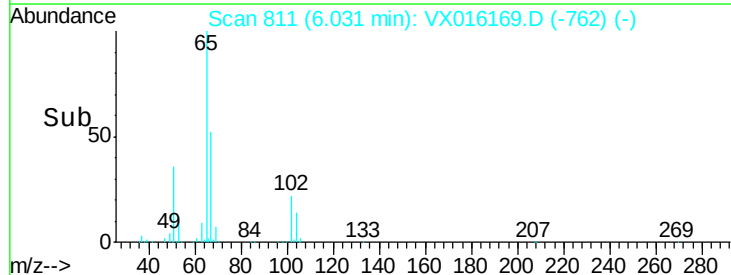
40000

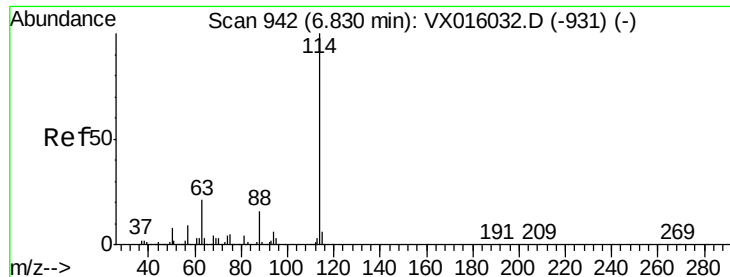
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016169.D

Acq: 13 May 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

Z4-TB4-200511

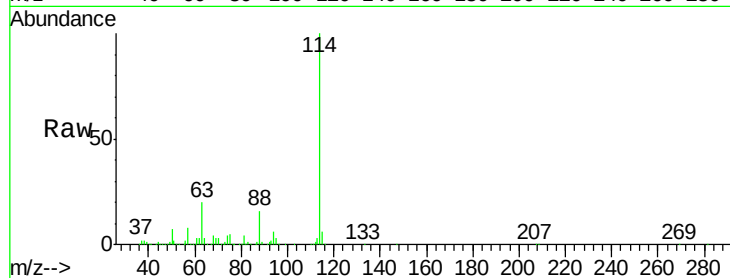
Tot Ion:114 Resp: 478104

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

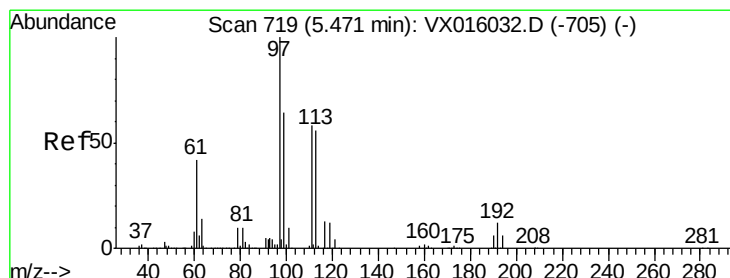
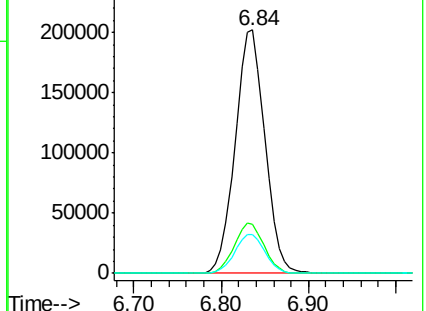
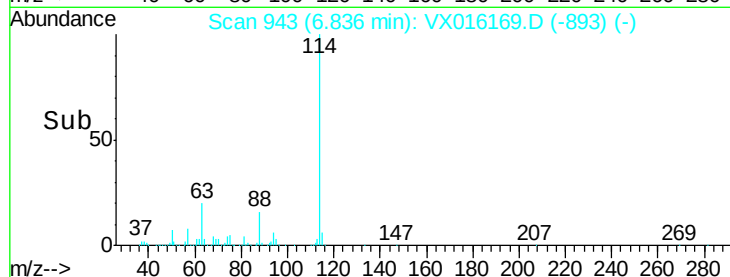
88 16.1 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 46.360 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016169.D

Acq: 13 May 2020 11:19

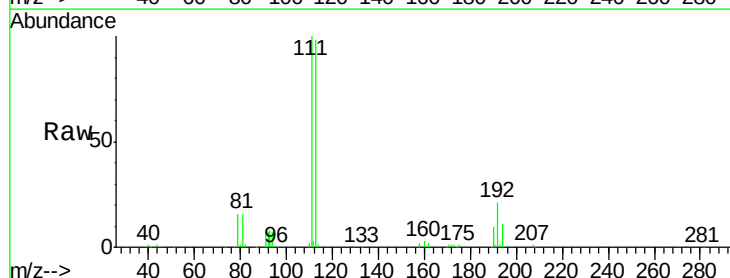
Tgt Ion:113 Resp: 140423

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

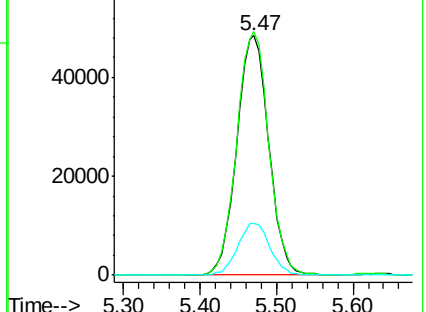
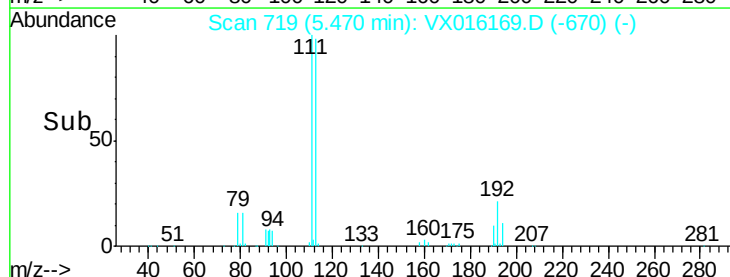
192 21.7 17.0 25.4

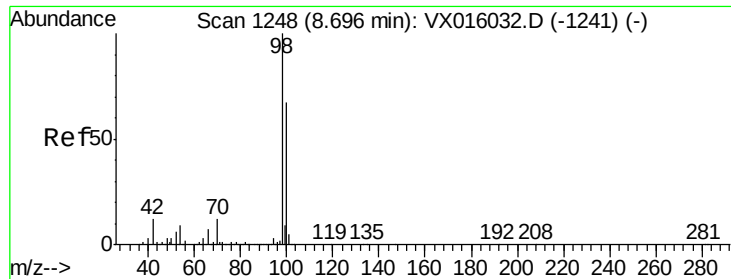


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.079 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016169.D

Acq: 13 May 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

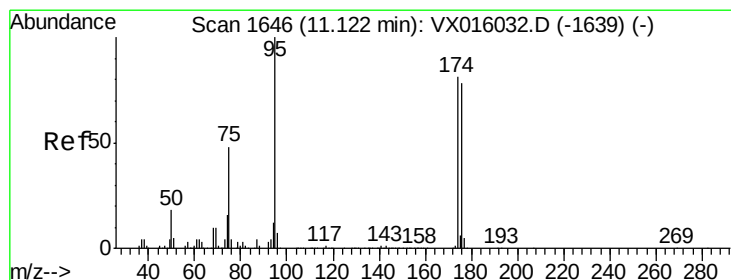
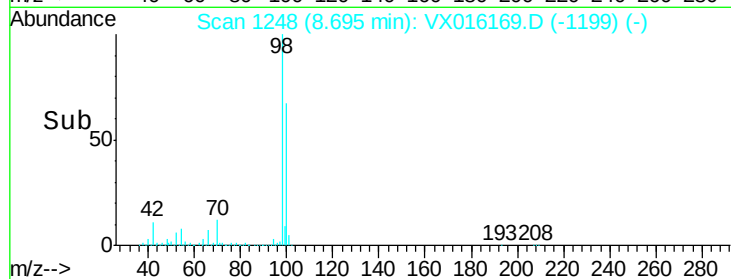
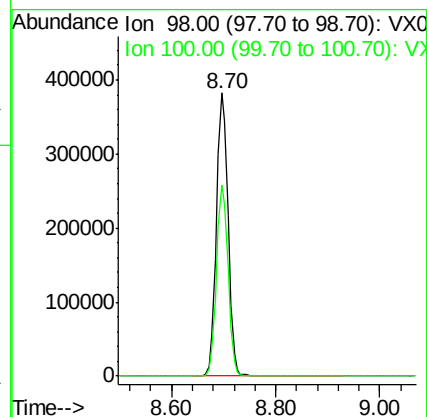
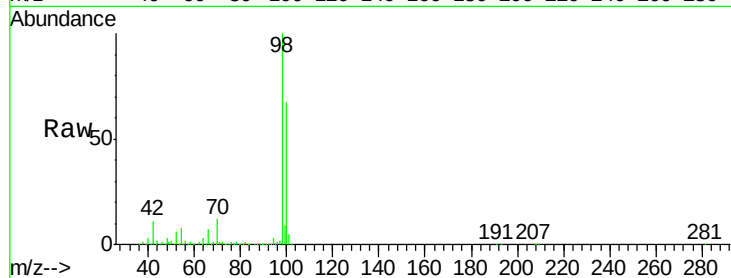
Z4-TB4-200511

Tot Ion: 98 Resp: 596135

Ion Ratio Lower Upper

98 100

100 66.7 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 52.819 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016169.D

Acq: 13 May 2020 11:19

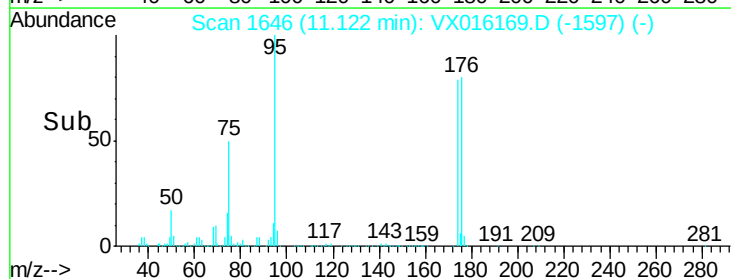
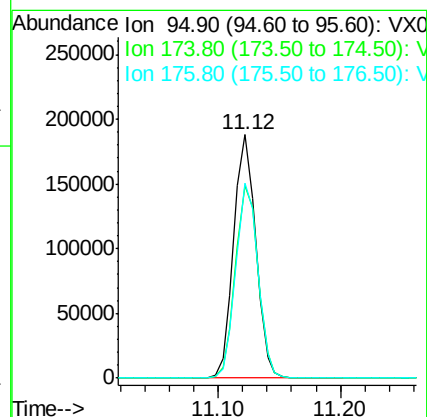
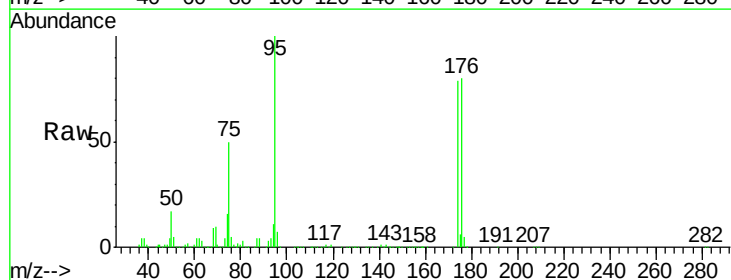
Tgt Ion: 95 Resp: 234469

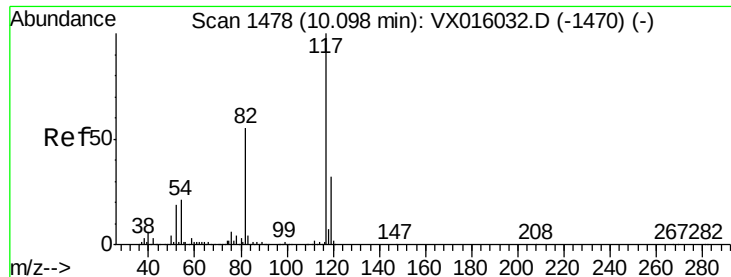
Ion Ratio Lower Upper

95 100

174 80.8 0.0 159.4

176 80.2 0.0 157.6

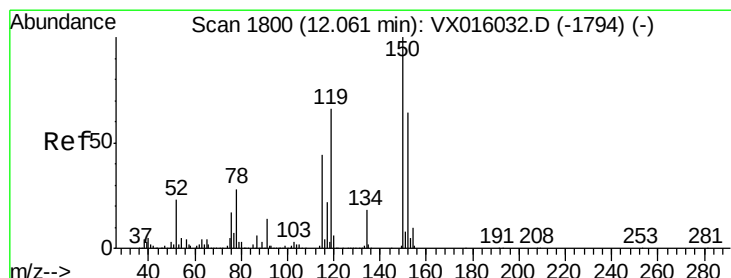
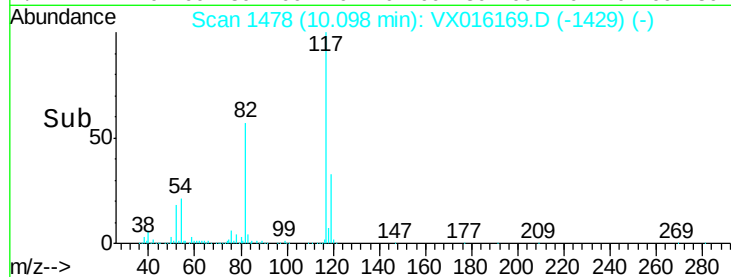
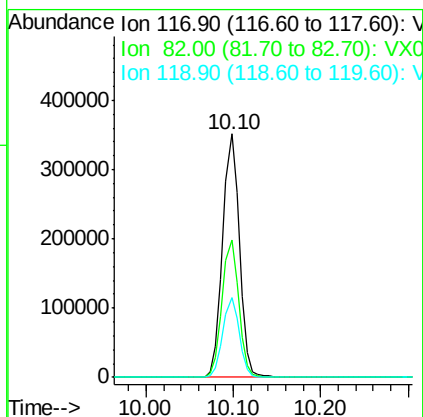
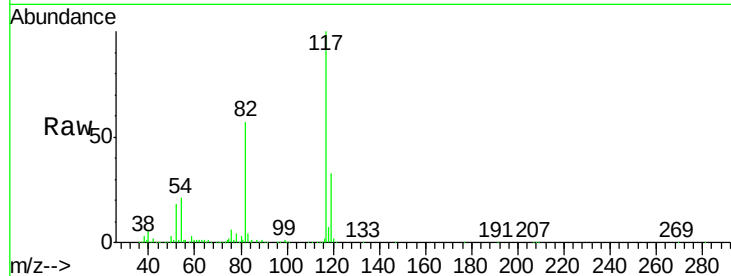




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016169.D
Acq: 13 May 2020 11:19

Instrument :
MSVOA_X
ClientSampleId :
Z4-TB4-200511

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.4	66.6
119	32.5	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: VX016169.D
Acq: 13 May 2020 11:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	41.3	124.1
150	159.1	0.0	352.2

