

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050818\
 Data File : VX001549.D
 Acq On : 09 May 2018 07:47
 Operator : JC/MD
 Sample : J2689-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-180501

Quant Time: May 10 12:00:18 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335524	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	168446	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	206665	58.53	ug/l	0.00
Spiked Amount			Recovery	=	117.06%	
35) Dibromofluoromethane	5.51	113	161428	54.09	ug/l	0.00
Spiked Amount			Recovery	=	108.18%	
50) Toluene-d8	8.72	98	578238	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	11.14	95	190548	45.57	ug/l	0.00
Spiked Amount			Recovery	=	91.14%	

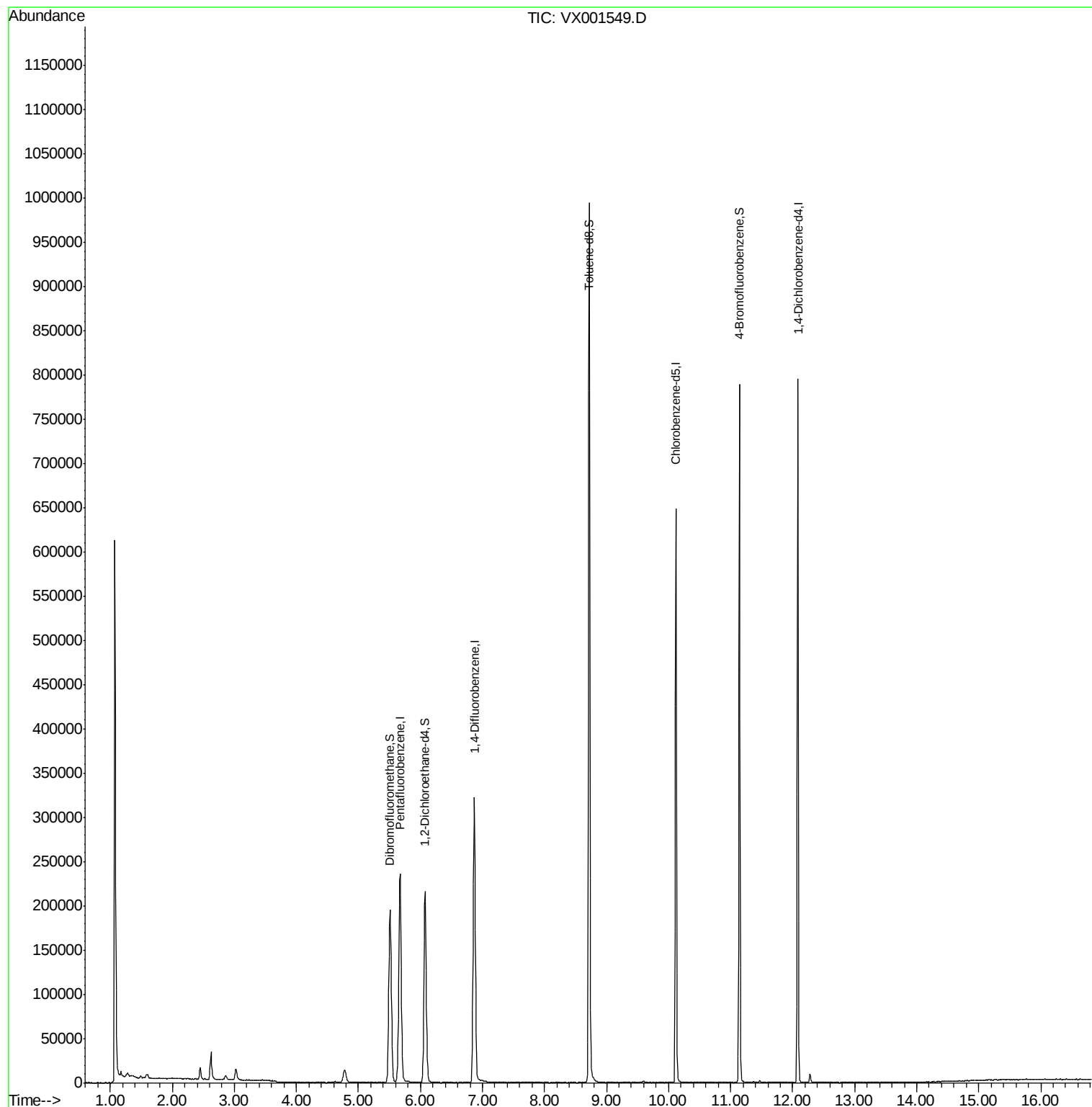
Target Compounds	Qvalue
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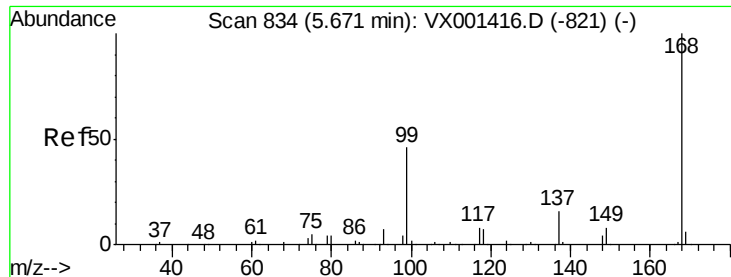
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001549.D

Acq: 09 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

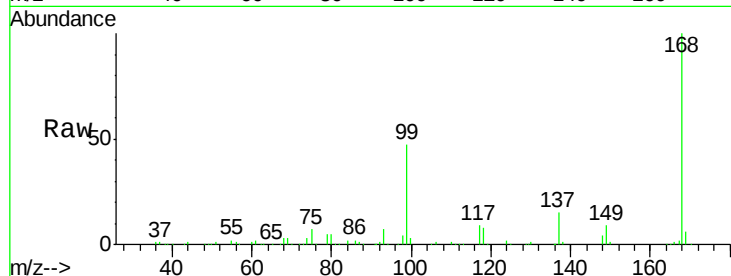
TB-01-180501

Tot Ion:168 Resp: 245681

Ion Ratio Lower Upper

168 100

99 46.9 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

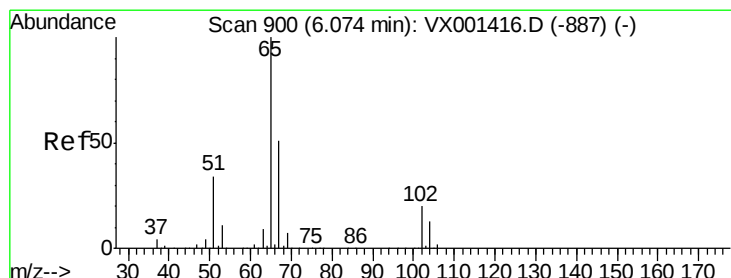
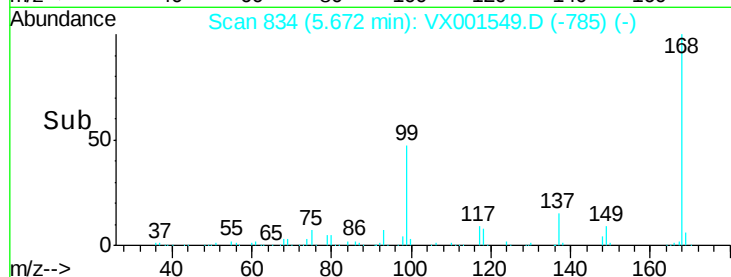
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 58.53 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001549.D

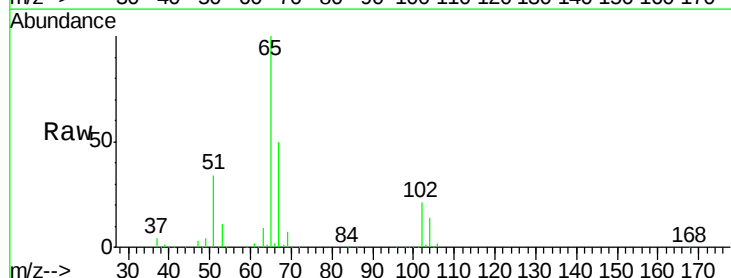
Acq: 09 May 2018 07:47

Tgt Ion: 65 Resp: 206665

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

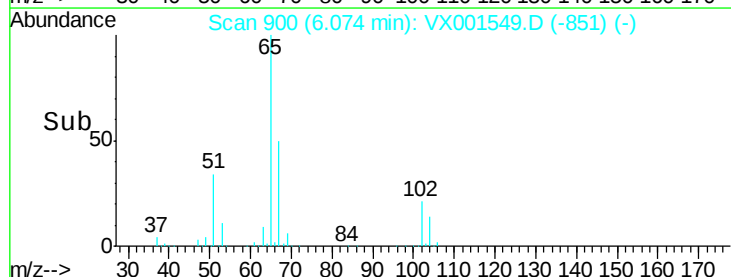
60000

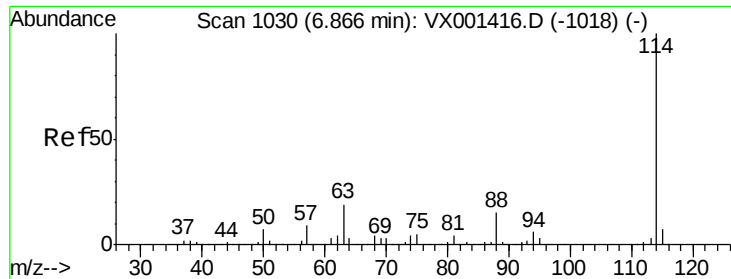
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30

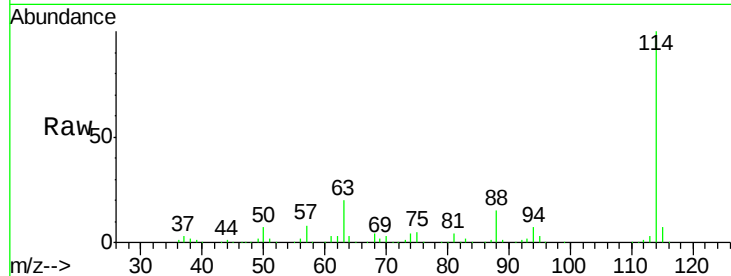




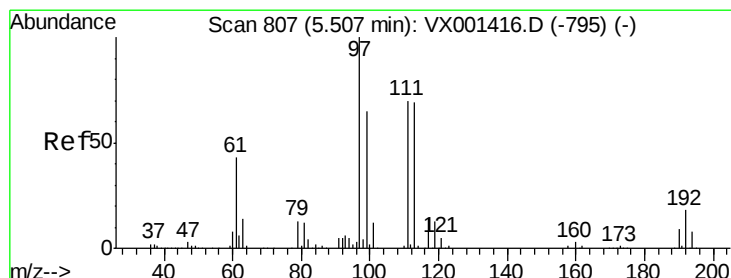
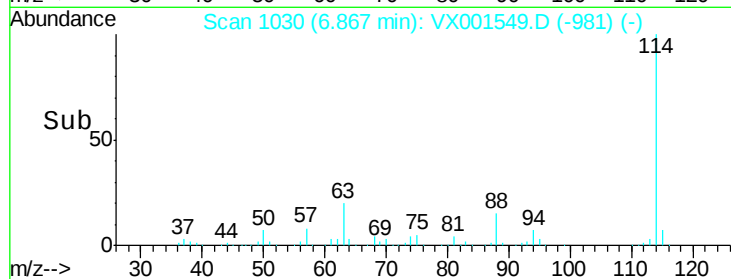
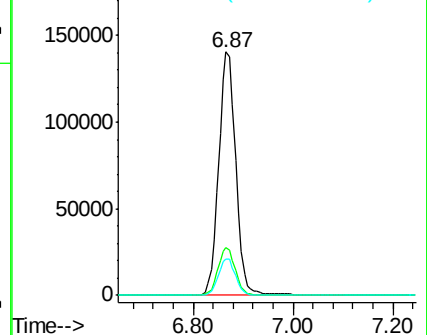
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001549.D
 Acq: 09 May 2018 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-180501

Tot Ion:114 Resp: 335524
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 14.9 0.0 30.8

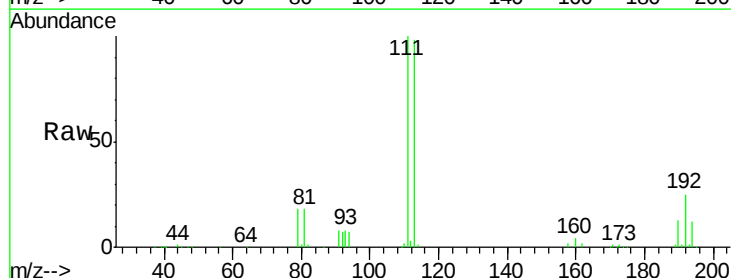


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

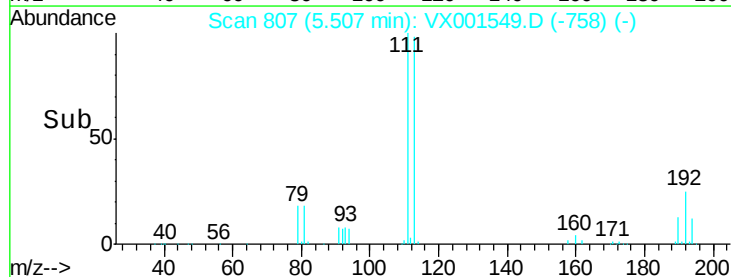
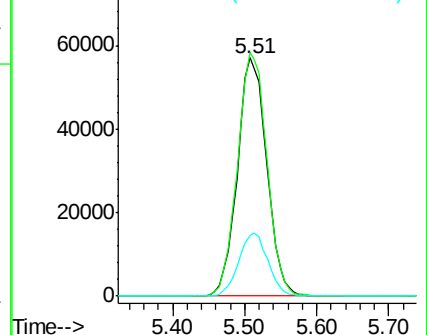


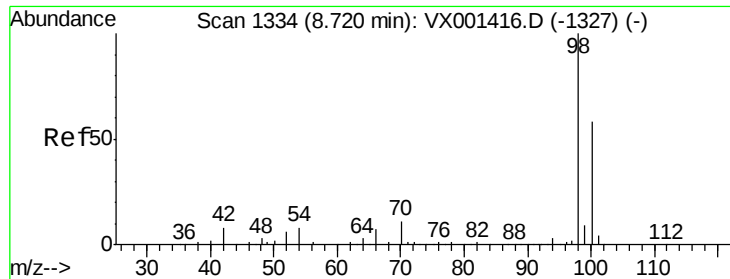
#35
 Dibromofluoromethane
 Concen: 54.09 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001549.D
 Acq: 09 May 2018 07:47

Tgt Ion:113 Resp: 161428
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.2
 192 26.3 21.4 32.0



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: 53.08 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001549.D

Acq: 09 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

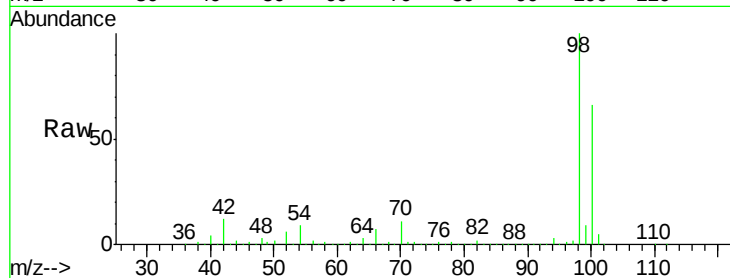
TB-01-180501

Tot Ion: 98 Resp: 578238

Ion Ratio Lower Upper

98 100

100 65.8 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

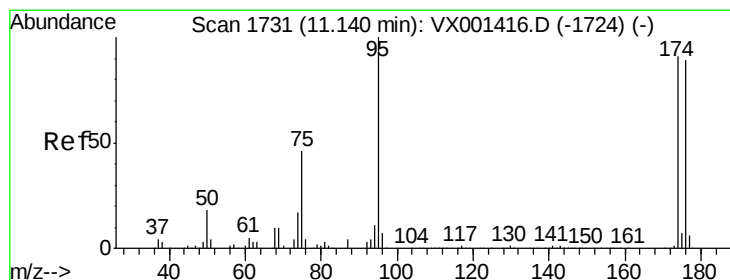
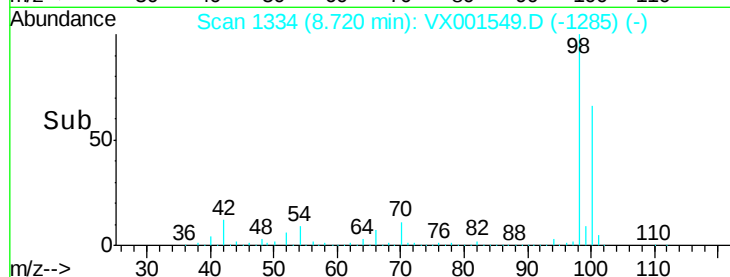
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.57 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001549.D

Acq: 09 May 2018 07:47

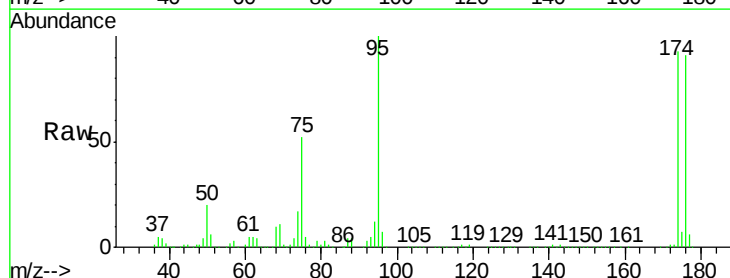
Tgt Ion: 95 Resp: 190548

Ion Ratio Lower Upper

95 100

174 101.2 0.0 202.0

176 98.2 0.0 197.4



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

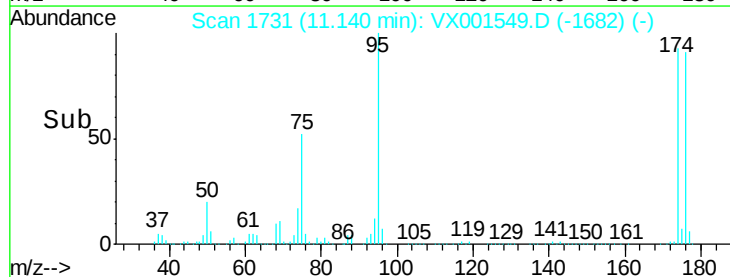
150000

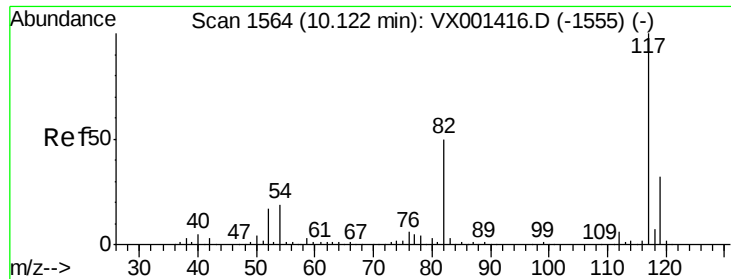
100000

50000

0

Time-->

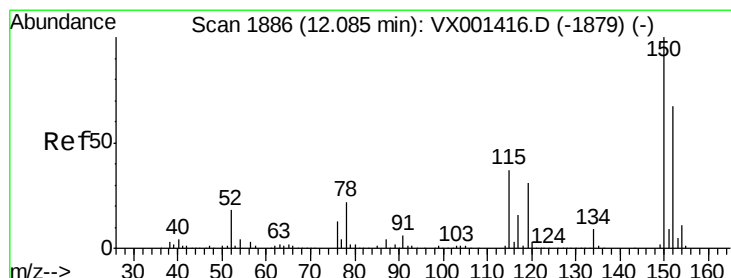
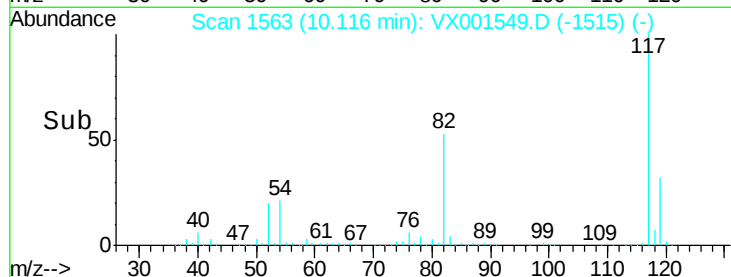
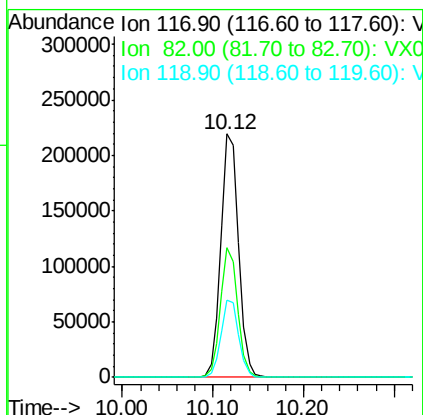
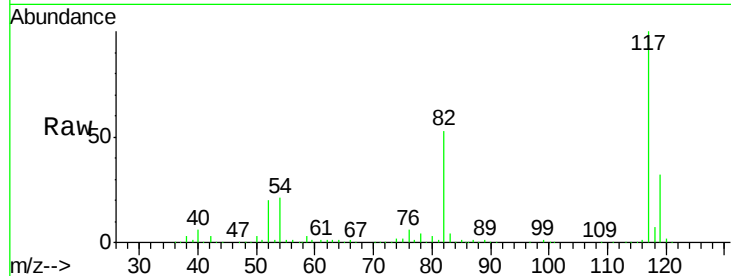




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001549.D
Acq: 09 May 2018 07:47

Instrument :
MSVOA_X
ClientSampleId :
TB-01-180501

Tot Ion:117 Resp: 299503
Ion Ratio Lower Upper
117 100
82 53.3 40.0 60.0
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001549.D
Acq: 09 May 2018 07:47

Tgt Ion:152 Resp: 168446
Ion Ratio Lower Upper
152 100
115 52.1 37.7 113.1
150 156.1 0.0 349.4

