

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003248.D
 Acq On : 09 Jul 2018 16:31
 Operator : JC/MD
 Sample : J3854-01
 Misc : 3.91g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S4

Quant Time: Jul 09 16:51:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	244802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338390	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193869	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	150552	39.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.16%	
35) Dibromofluoromethane	5.51	113	125059	34.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.80%	
50) Toluene-d8	8.72	98	467240	36.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.36%	
62) 4-Bromofluorobenzene	11.14	95	174141	36.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.00%	

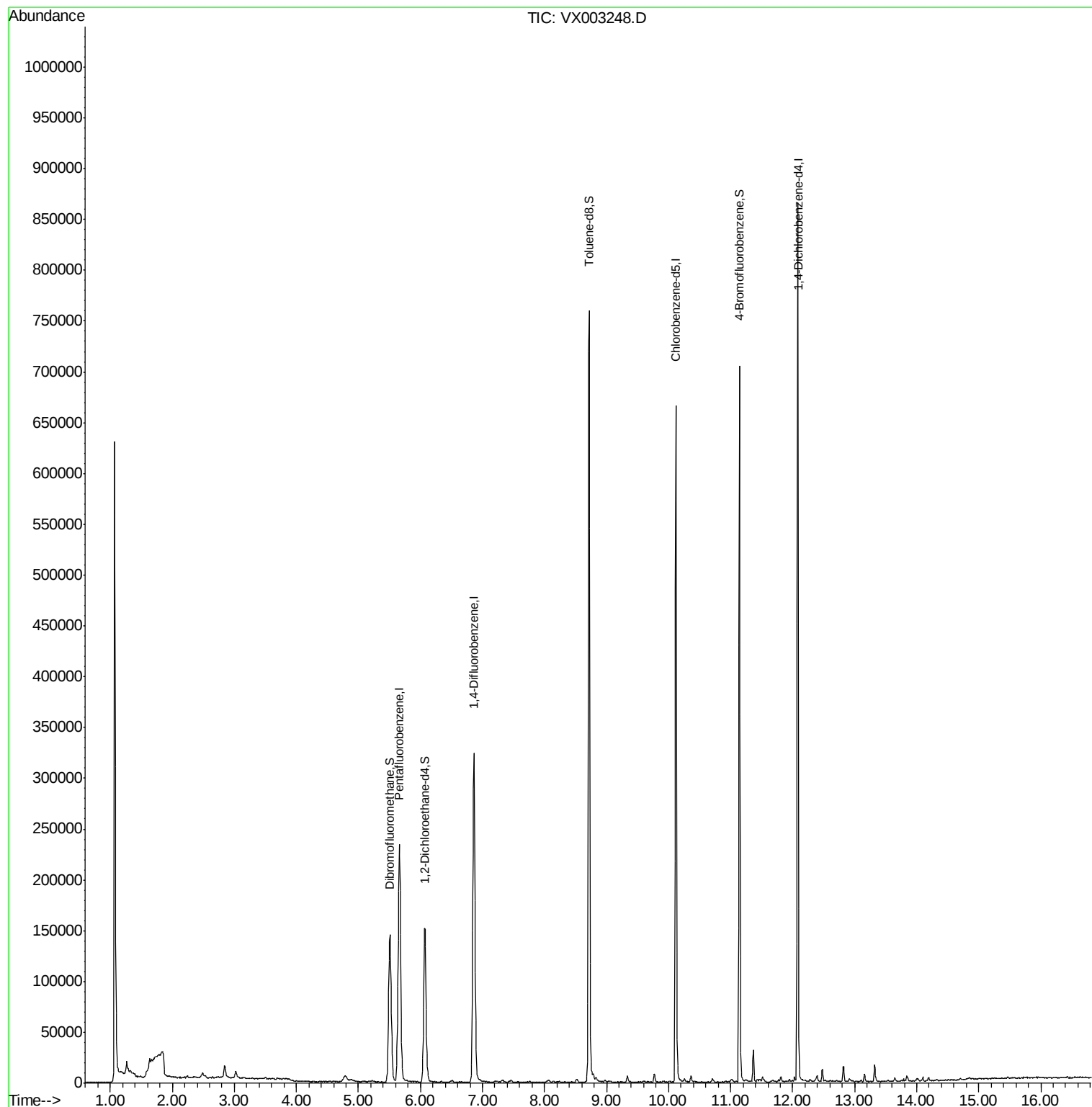
Target Compounds	Qvalue
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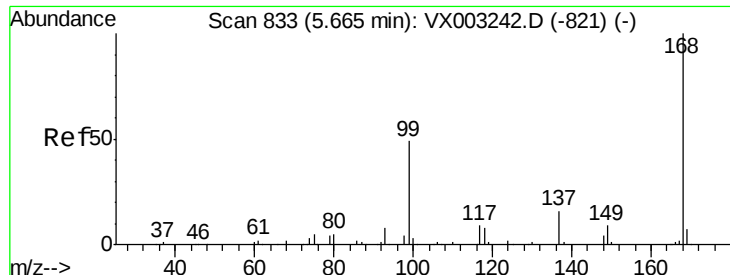
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003248.D

Acq: 09 Jul 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

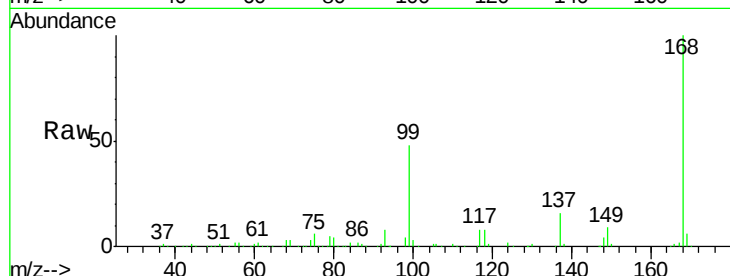
S4

Tot Ion:168 Resp: 244802

Ion Ratio Lower Upper

168 100

99 47.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

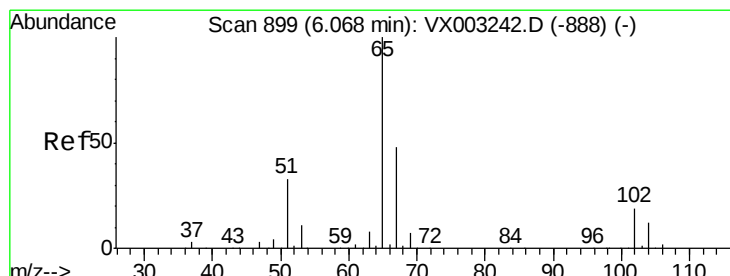
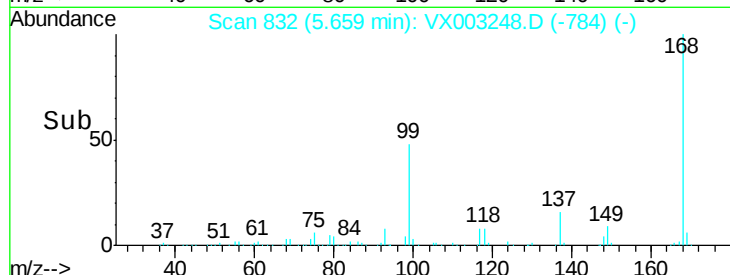
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 39.08 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003248.D

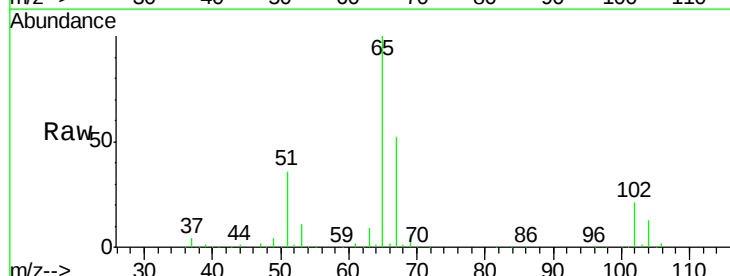
Acq: 09 Jul 2018 16:31

Tgt Ion: 65 Resp: 150552

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

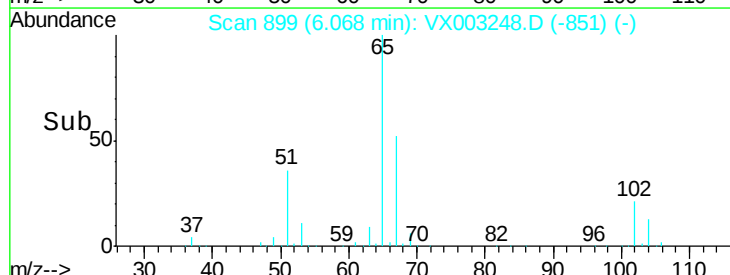
30000

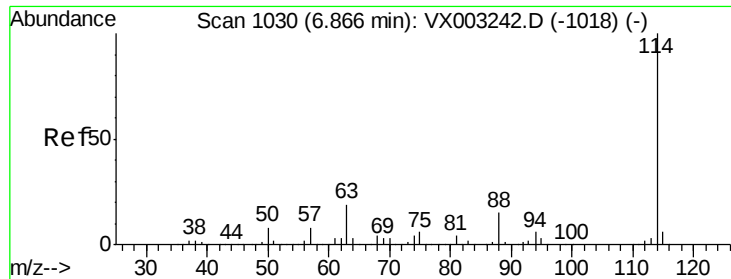
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003248.D

Acq: 09 Jul 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

S4

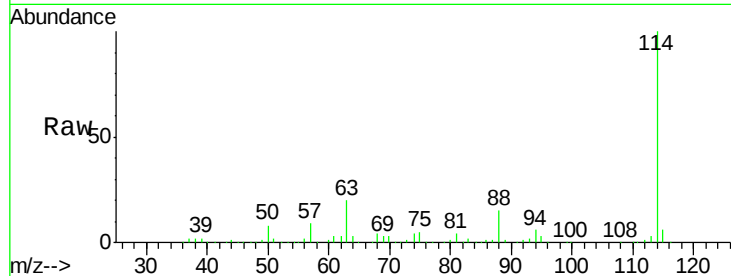
Tot Ion:114 Resp: 338390

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

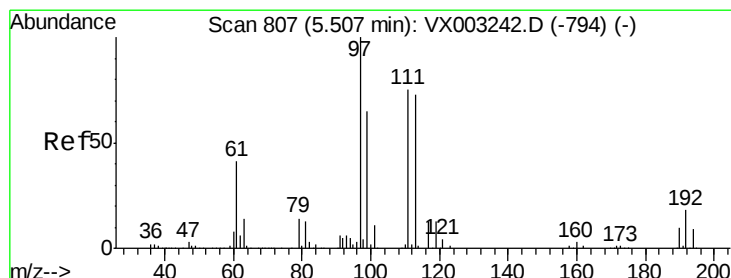
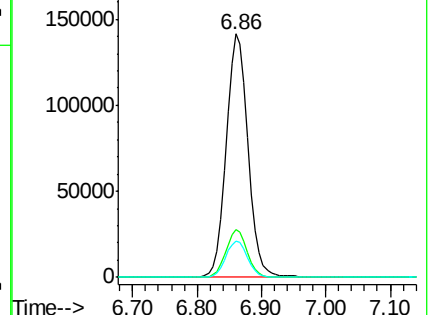
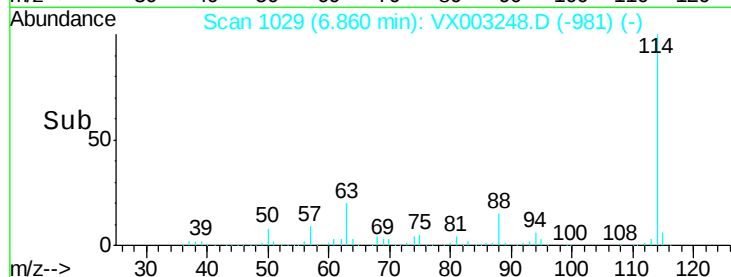
88 14.9 0.0 30.0



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: 34.40 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003248.D

Acq: 09 Jul 2018 16:31

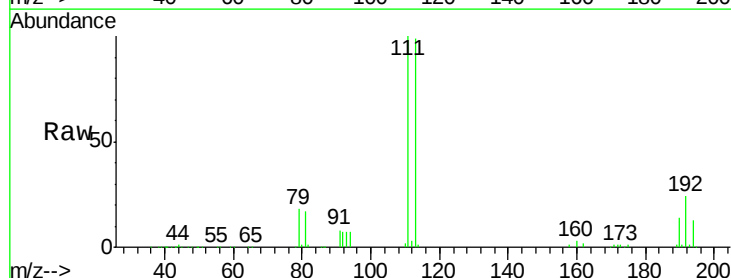
Tgt Ion:113 Resp: 125059

Ion Ratio Lower Upper

113 100

111 100.5 81.4 122.0

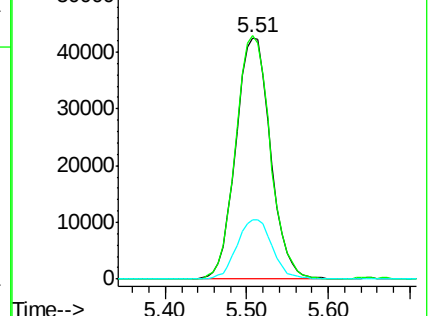
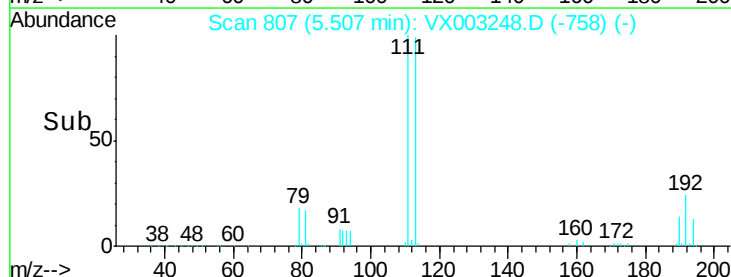
192 25.1 19.1 28.7

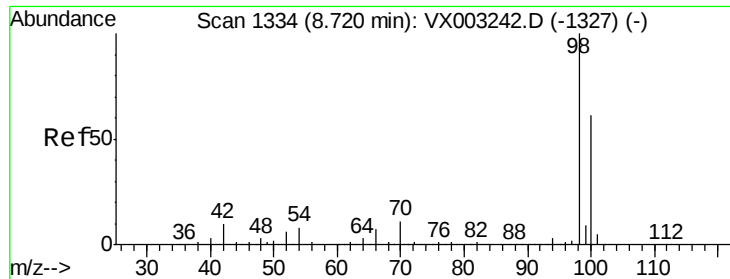


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 36.18 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003248.D

Acq: 09 Jul 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

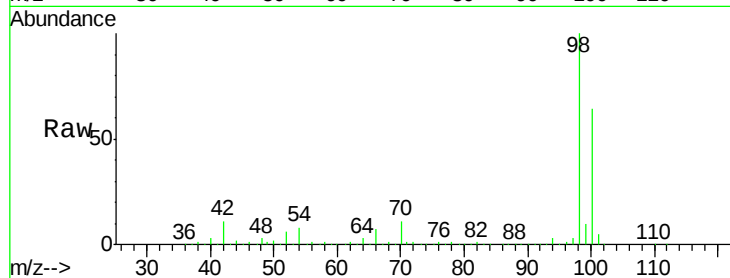
S4

Tot Ion: 98 Resp: 467240

Ion Ratio Lower Upper

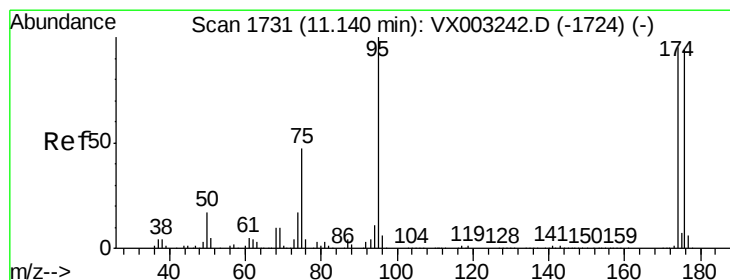
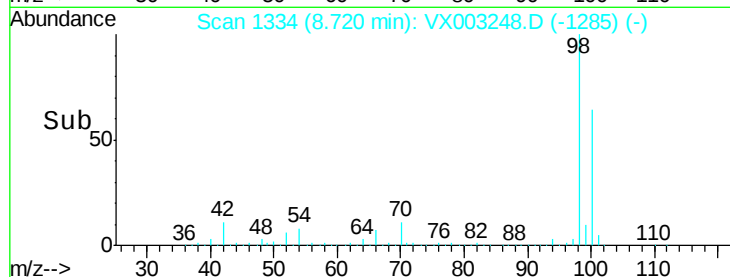
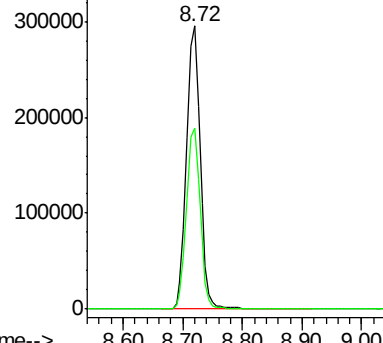
98 100

100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 36.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003248.D

Acq: 09 Jul 2018 16:31

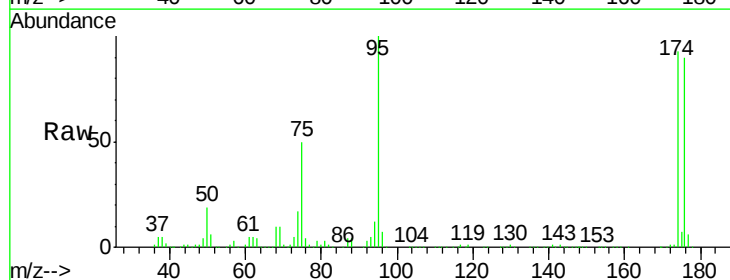
Tgt Ion: 95 Resp: 174141

Ion Ratio Lower Upper

95 100

174 98.7 0.0 187.4

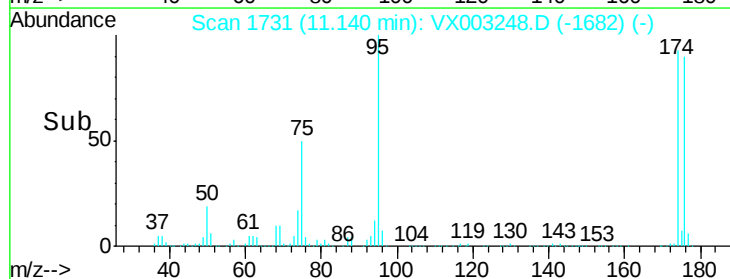
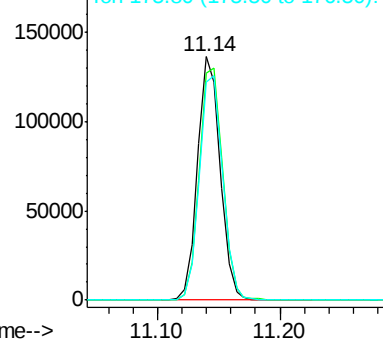
176 95.1 0.0 181.0

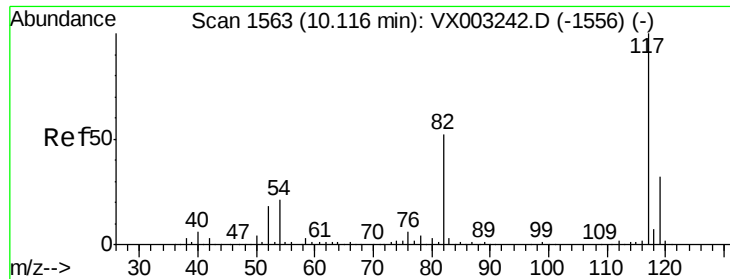


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

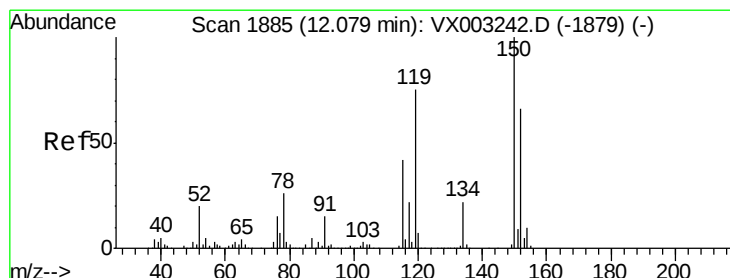
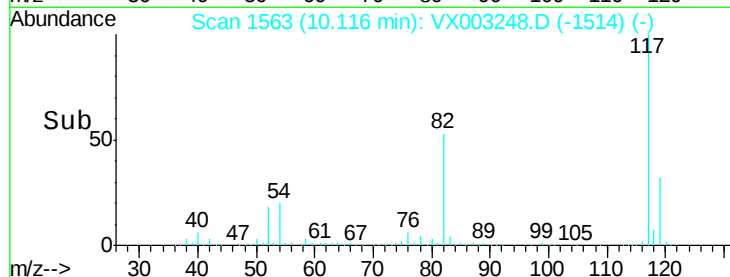
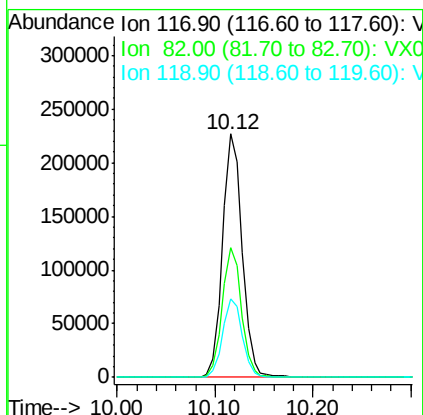
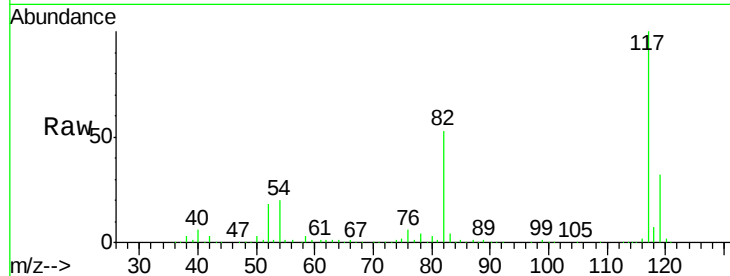




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003248.D
Acq: 09 Jul 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
S4

Tot Ion:117 Resp: 316467
Ion Ratio Lower Upper
117 100
82 53.1 45.0 67.4
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003248.D
Acq: 09 Jul 2018 16:31

Tgt Ion:152 Resp: 193869
Ion Ratio Lower Upper
152 100
115 53.2 40.1 120.2
150 155.4 0.0 347.2

