

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111618\
 Data File : VN052367.D
 Acq On : 16 Nov 2018 16:20
 Operator : MD\SY
 Sample : J5980-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TS

Quant Time: Nov 16 23:57:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	299576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	508263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	429471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150945	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	212740	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
35) Dibromofluoromethane	7.59	113	164099	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	10.09	98	636858	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.40	95	190946	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.02%	

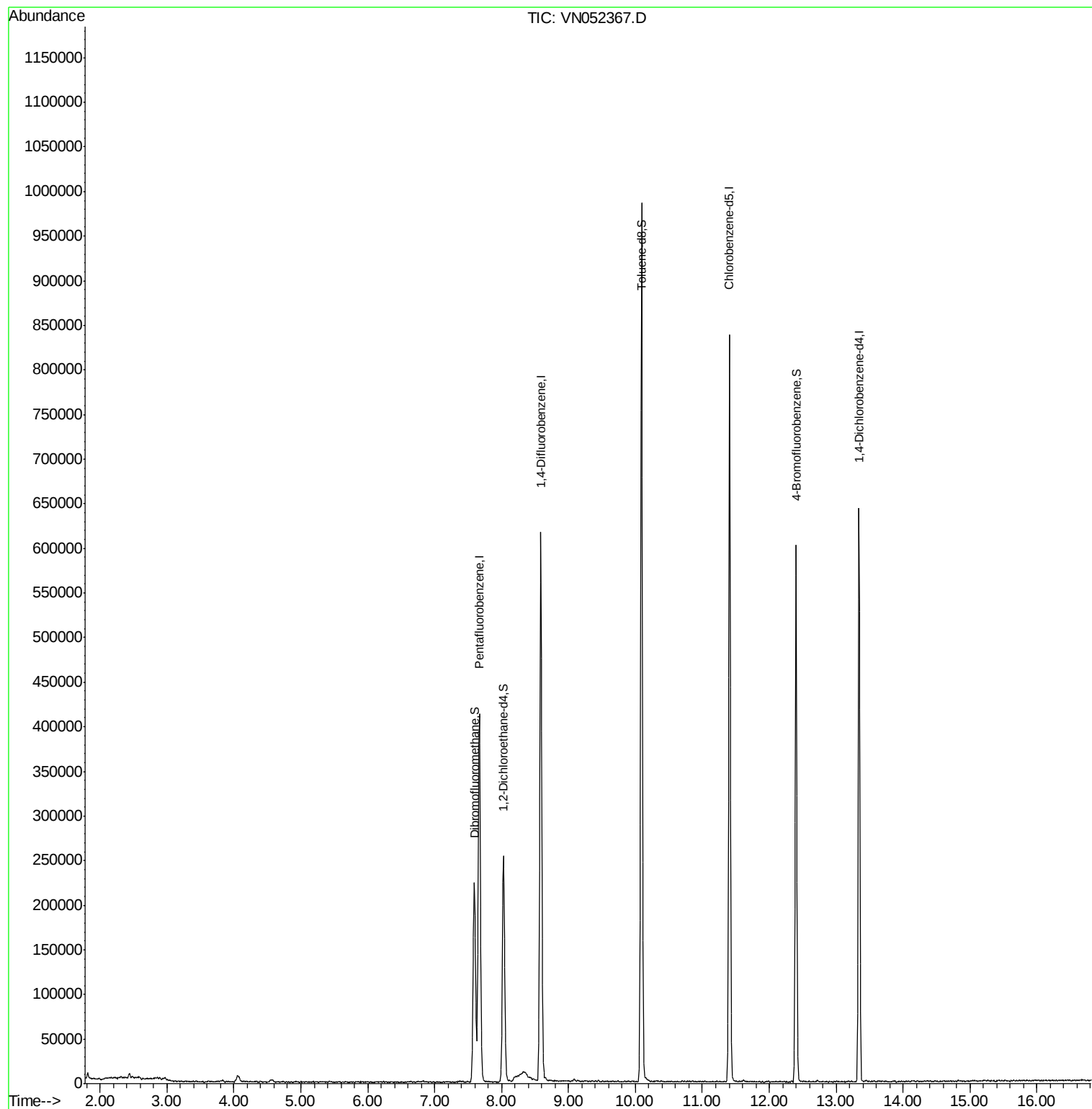
Target Compounds	Qvalue
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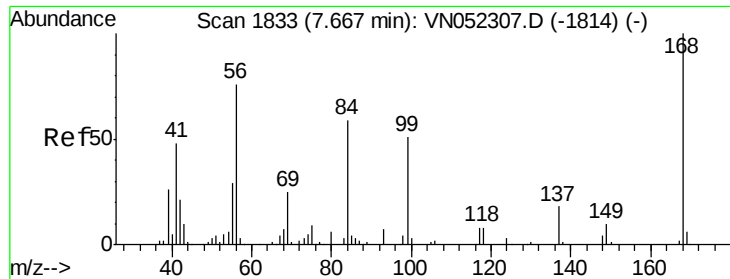
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111618\
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QLast Update : Thu Nov 15 03:02:37 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052367.D

Acq: 16 Nov 2018 16:20

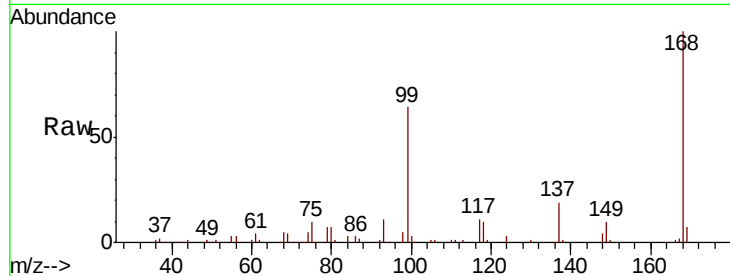
Instrument :
MSVOA_N
ClientSampled :
TS

Tot Ion:168 Resp: 299576

Ion Ratio Lower Upper

168 100

99 63.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

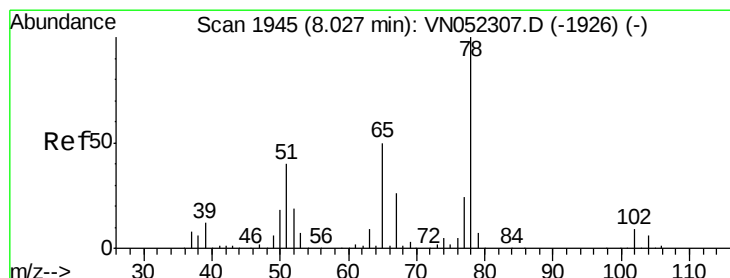
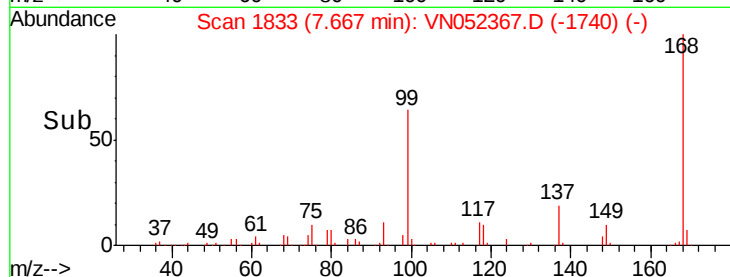
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052367.D

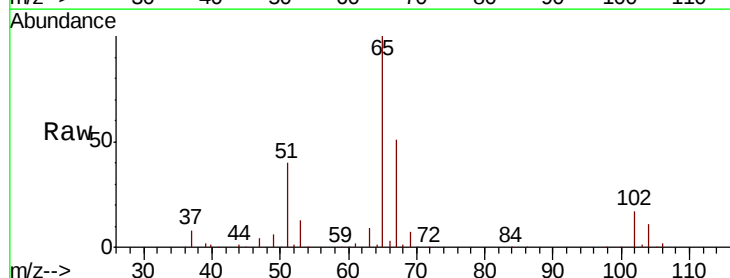
Acq: 16 Nov 2018 16:20

Tgt Ion: 65 Resp: 212740

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

100000

80000

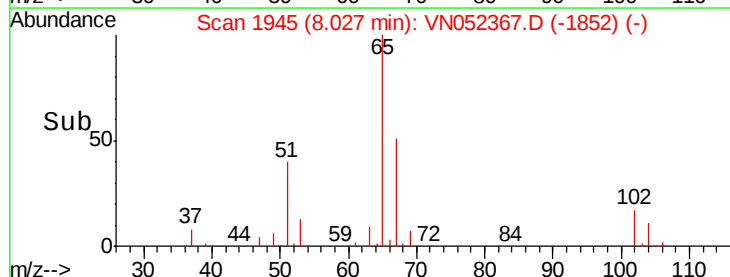
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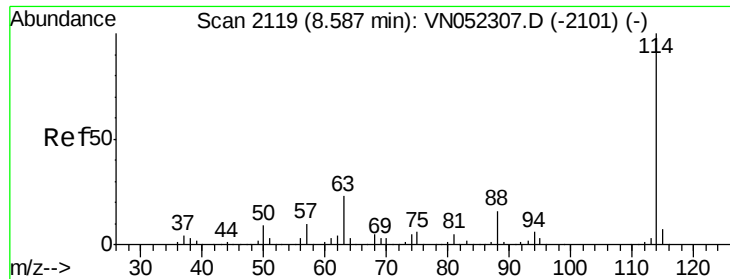
40000

20000

0

Time-->

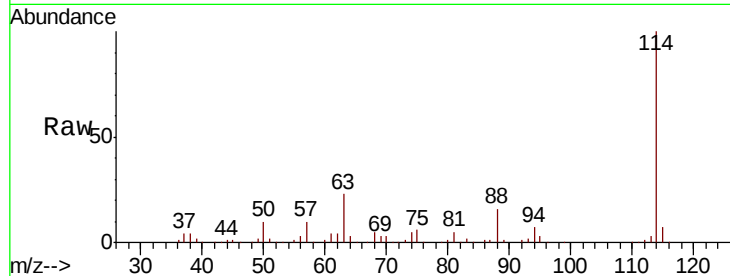




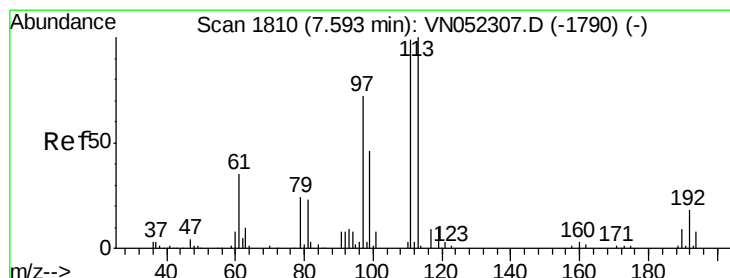
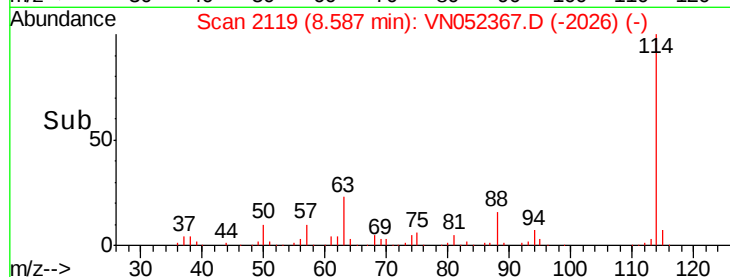
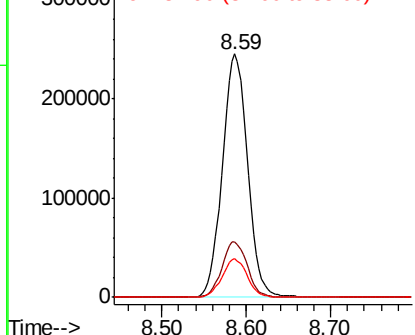
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052367.D
 Acq: 16 Nov 2018 16:20

Instrument :
 MSVOA_N
 ClientSampleId :
 TS

Tot Ion:114 Resp: 508263
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.4
 88 15.7 0.0 31.2

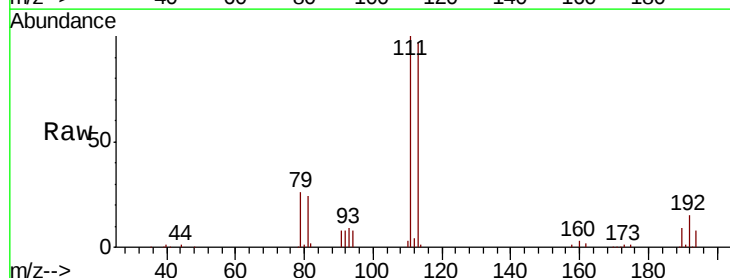


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

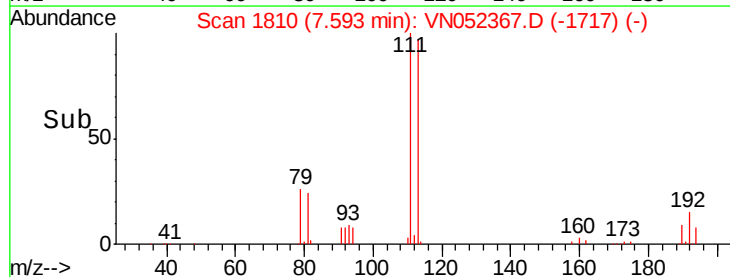
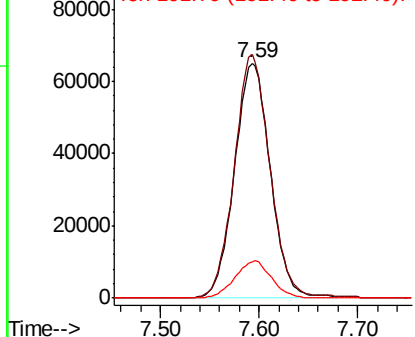


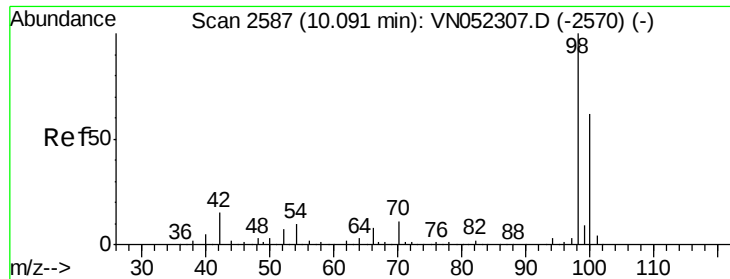
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052367.D
 Acq: 16 Nov 2018 16:20

Tgt Ion:113 Resp: 164099
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.0 121.6
 192 16.2 13.8 20.6



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052367.D

Acq: 16 Nov 2018 16:20

Instrument :

MSVOA_N

ClientSampleId :

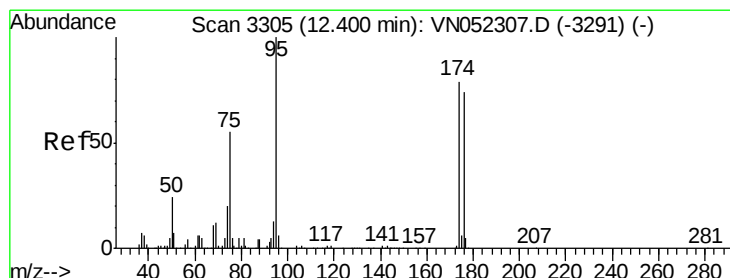
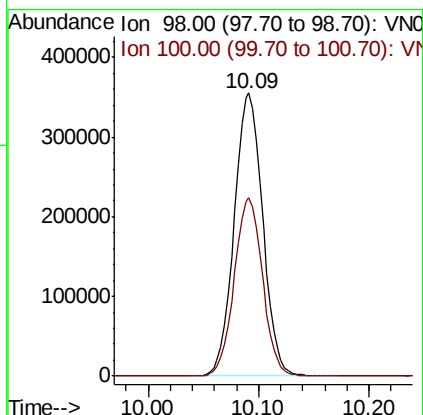
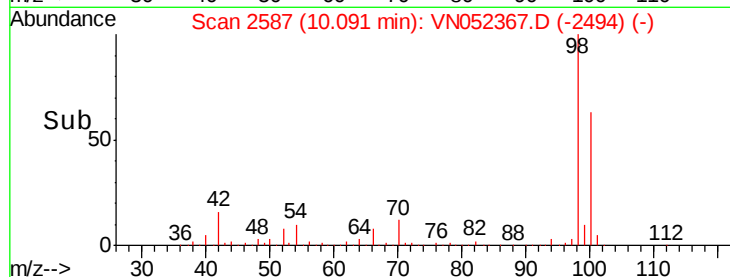
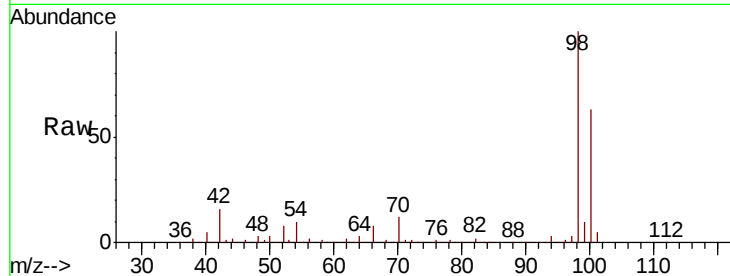
TS

Tot Ion: 98 Resp: 636858

Ion Ratio Lower Upper

98 100

100 62.4 49.5 74.3



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052367.D

Acq: 16 Nov 2018 16:20

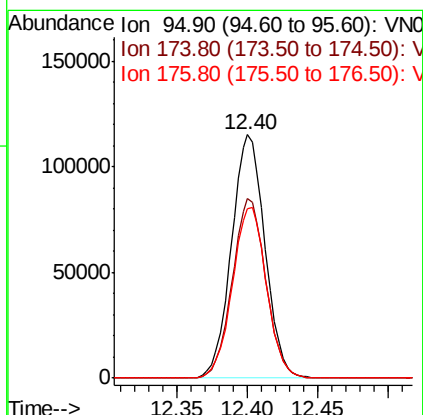
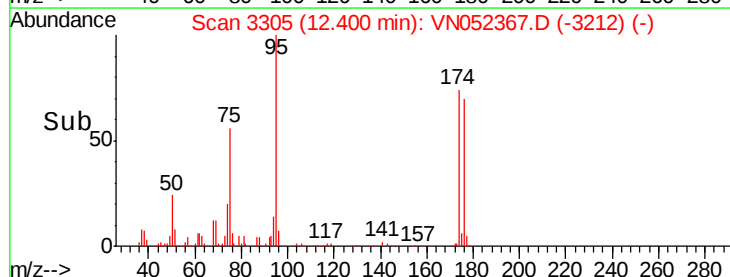
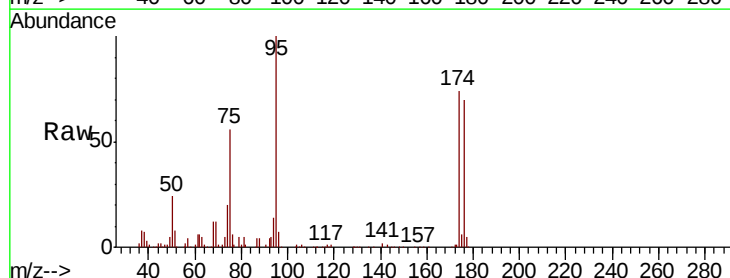
Tgt Ion: 95 Resp: 190946

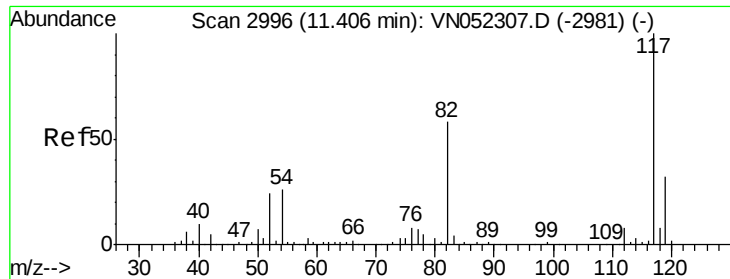
Ion Ratio Lower Upper

95 100

174 74.0 0.0 156.0

176 71.6 0.0 148.4

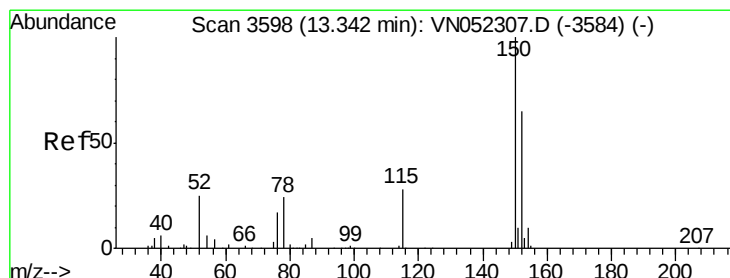
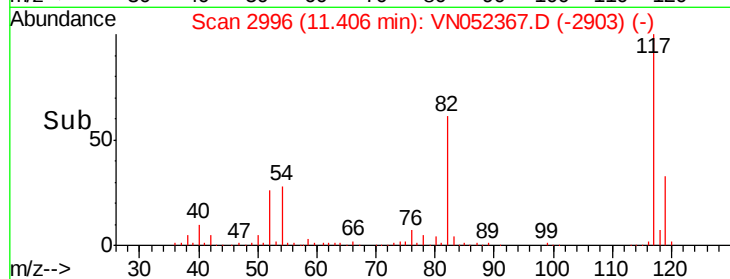
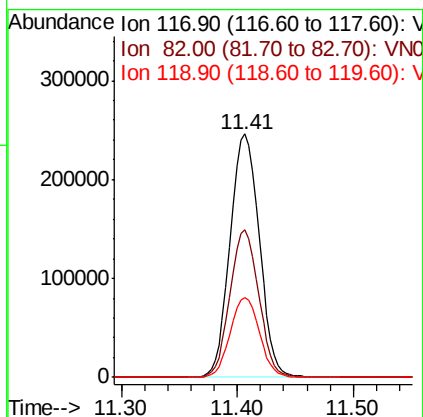
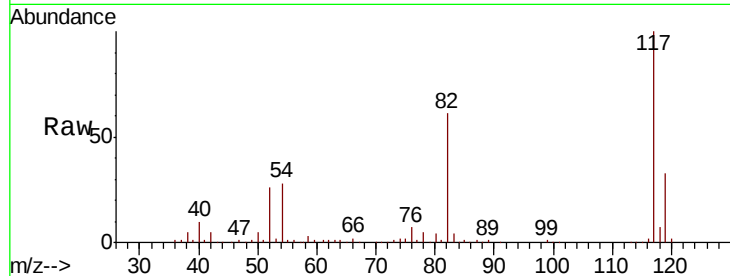




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN052367.D
 Acq: 16 Nov 2018 16:20

Instrument :
 MSVOA_N
 ClientSampleId :
 TS

Tot Ion:117 Resp: 429471
 Ion Ratio Lower Upper
 117 100
 82 60.8 46.5 69.7
 119 32.9 25.7 38.5



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN052367.D
 Acq: 16 Nov 2018 16:20

Tgt Ion:152 Resp: 150945
 Ion Ratio Lower Upper
 152 100
 115 60.7 30.3 91.0
 150 156.1 0.0 348.2

