

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN052919\
 Data File : VN055867.D
 Acq On : 29 May 2019 10:48
 Operator : JC/SP
 Sample : VN0529MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529MBL01

Quant Time: May 30 07:34:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	364622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	515611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	469313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155811	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	175320	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	7.59	113	154574	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
50) Toluene-d8	10.09	98	618450	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.40	95	195752	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	

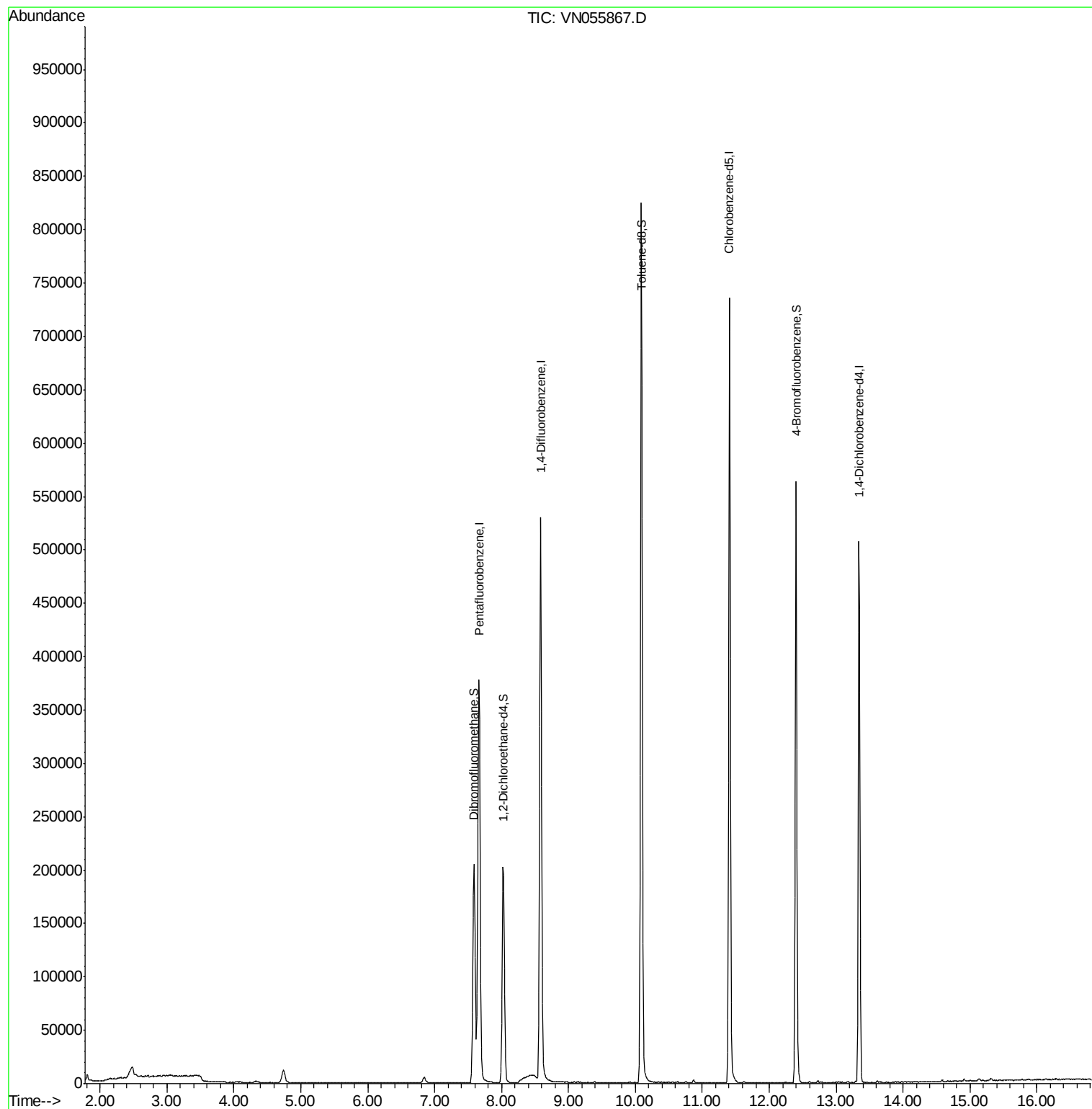
Target Compounds	Qvalue
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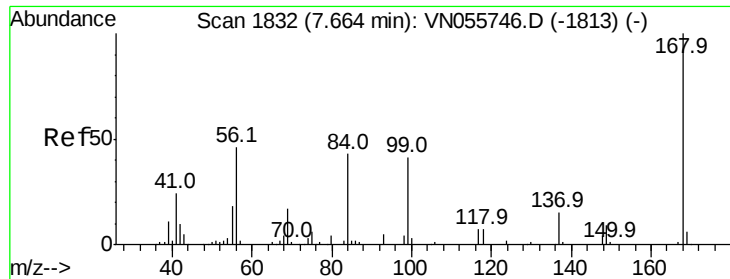
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055867.D

Acq: 29 May 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

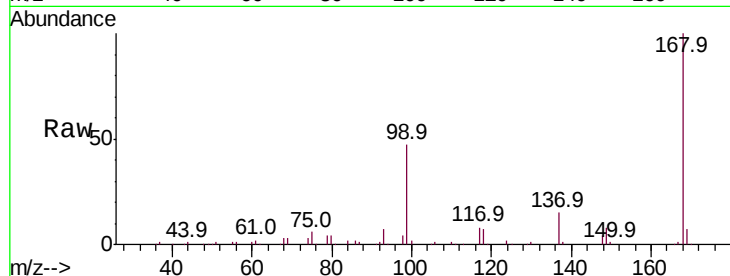
VN0529MBL01

Tot Ion:168 Resp: 364622

Ion Ratio Lower Upper

168 100

99 46.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

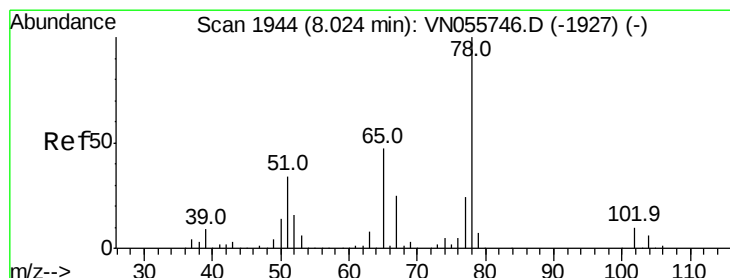
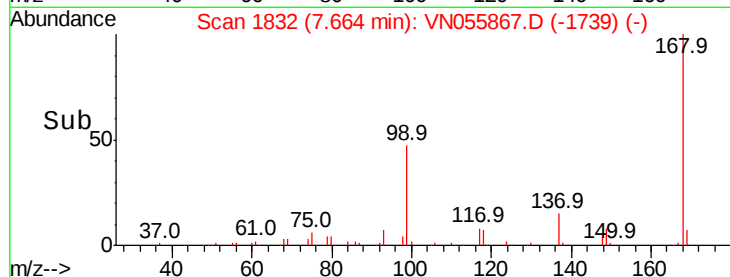
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 46.559 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055867.D

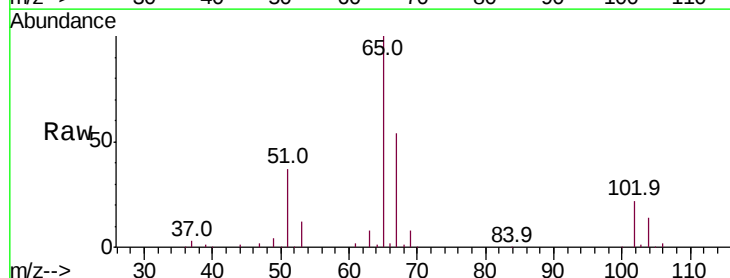
Acq: 29 May 2019 10:48

Tgt Ion: 65 Resp: 175320

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

80000

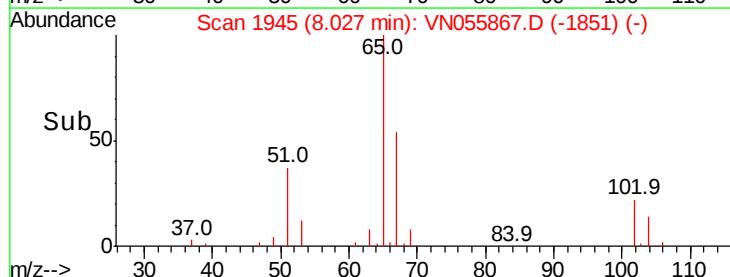
60000

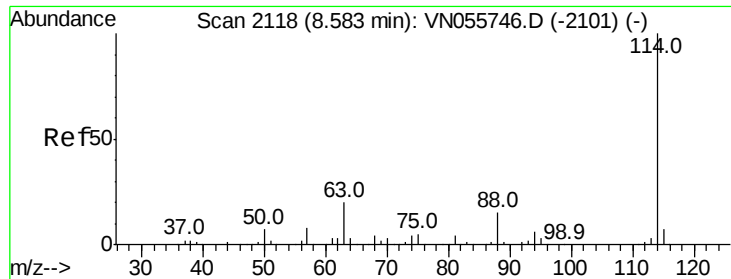
40000

20000

0

Time--> 7.90 8.00 8.10

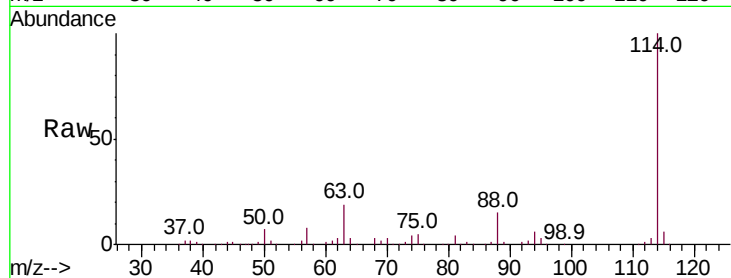




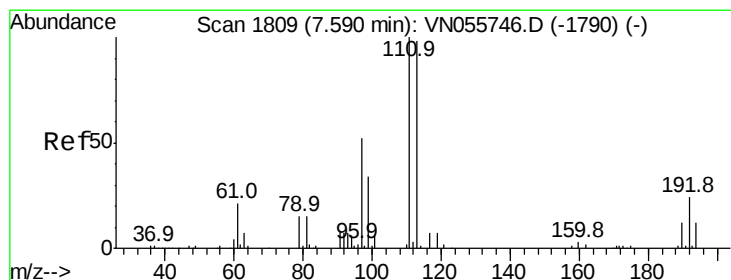
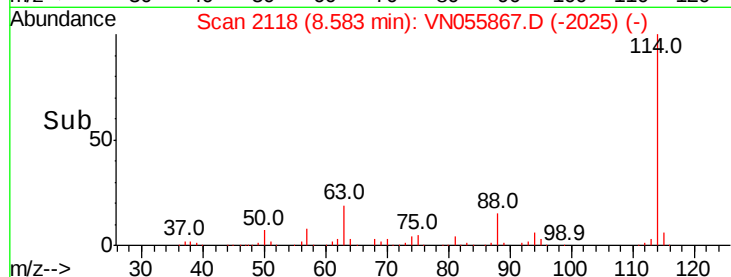
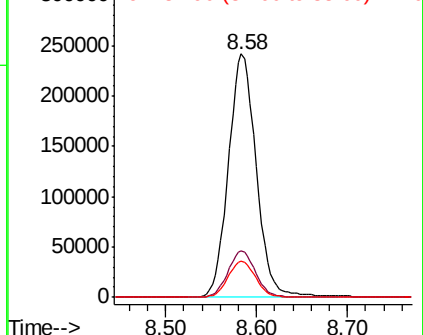
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055867.D
 Acq: 29 May 2019 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529MBL01

Tot Ion:114 Resp: 515611
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.0 0.0 31.0

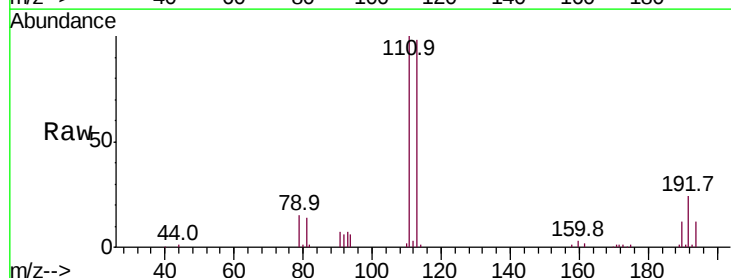


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

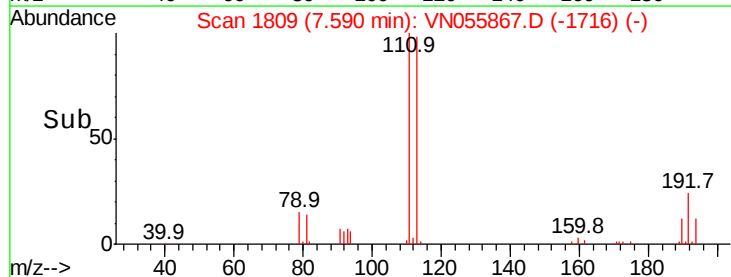
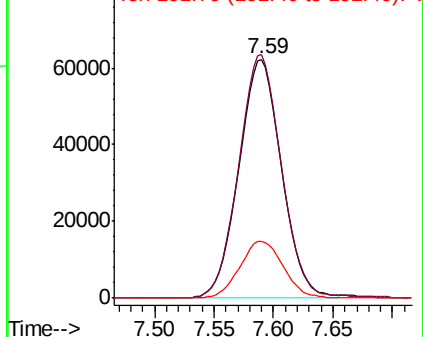


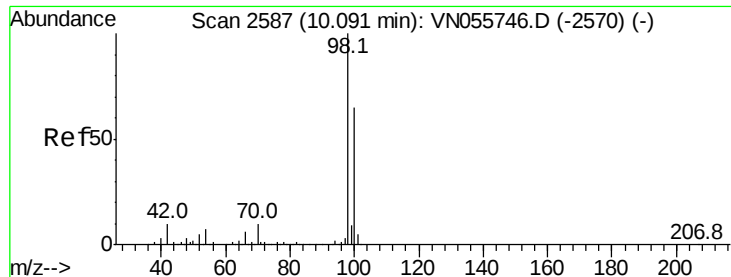
#35
 Dibromofluoromethane
 Concen: 47.417 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055867.D
 Acq: 29 May 2019 10:48

Tgt Ion:113 Resp: 154574
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 24.4 19.5 29.3



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: 49.458 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055867.D

Acq: 29 May 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

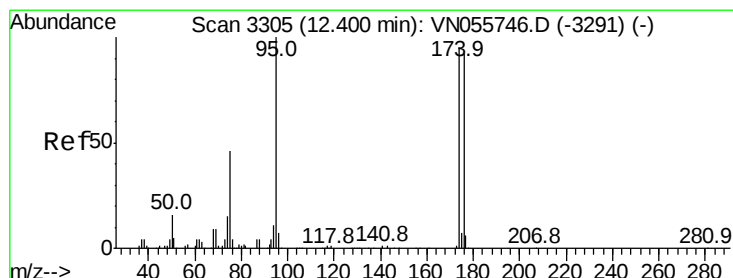
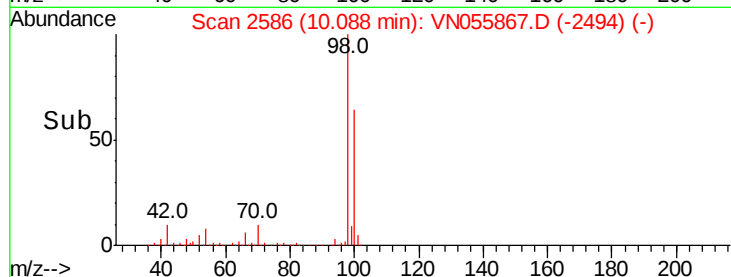
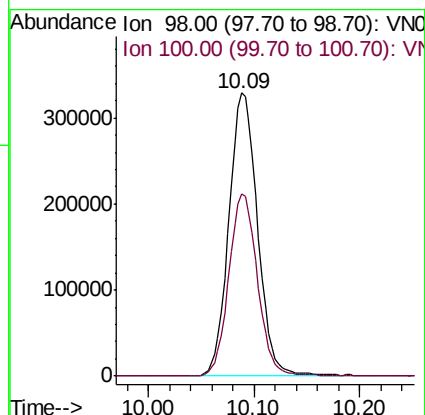
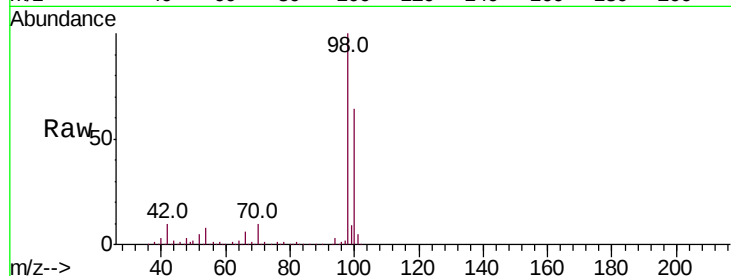
VN0529MBL01

Tot Ion: 98 Resp: 618450

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.655 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055867.D

Acq: 29 May 2019 10:48

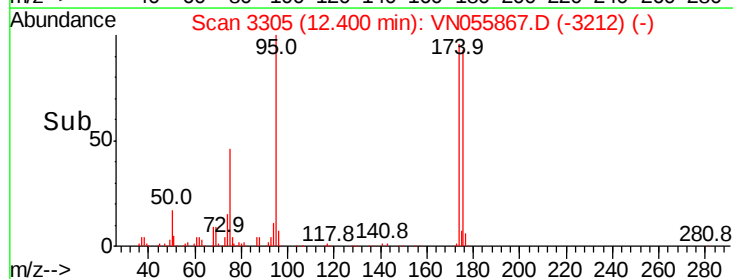
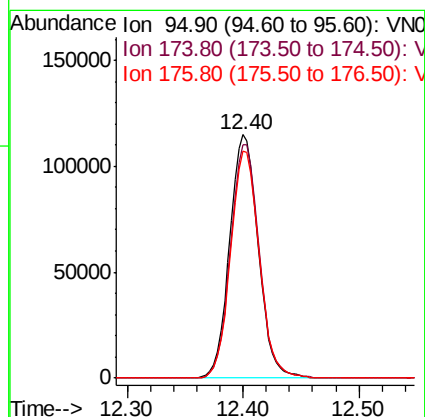
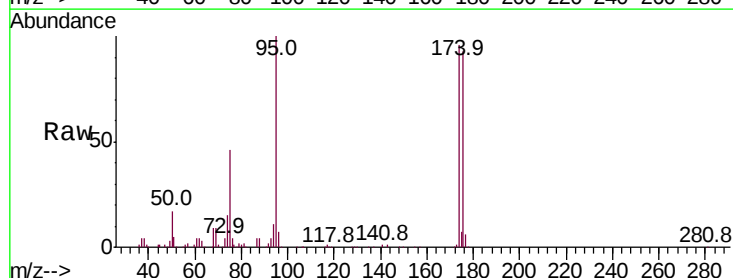
Tgt Ion: 95 Resp: 195752

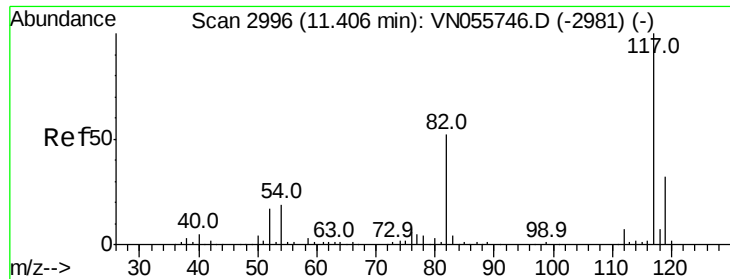
Ion Ratio Lower Upper

95 100

174 96.6 0.0 191.0

176 93.5 0.0 185.2

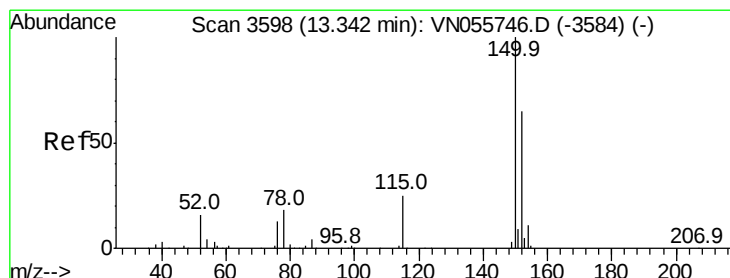
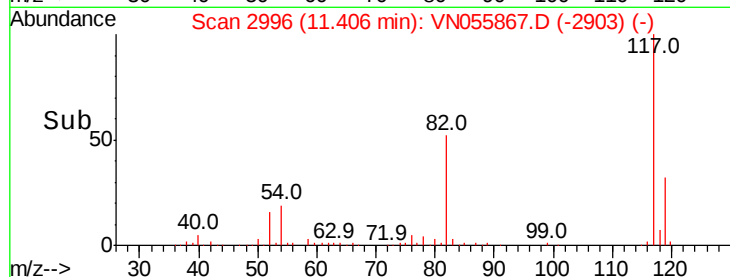
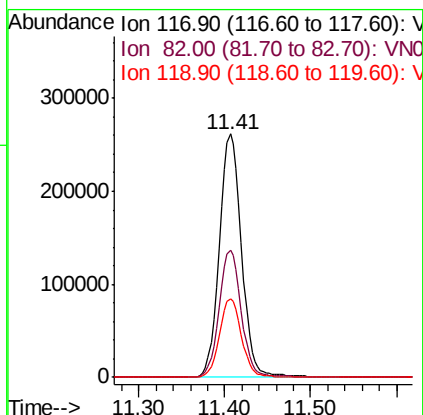
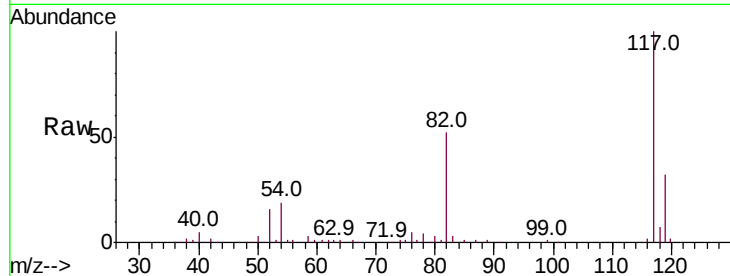




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055867.D
Acq: 29 May 2019 10:48

Instrument :
MSVOA_N
ClientSampleId :
VN0529MBL01

Tot Ion:117 Resp: 469313
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055867.D
Acq: 29 May 2019 10:48

Tgt Ion:152 Resp: 155811
Ion Ratio Lower Upper
152 100
115 52.5 27.0 81.0
150 157.8 0.0 343.2

