

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055487.D
 Acq On : 9 May 2019 10:59
 Operator : JC/SP
 Sample : VN0509WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBL01

Quant Time: May 10 04:28:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	880860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1485985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1257475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	342654	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	674894	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
35) Dibromofluoromethane	7.59	113	509886	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	10.09	98	1971817	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.40	95	578419	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	

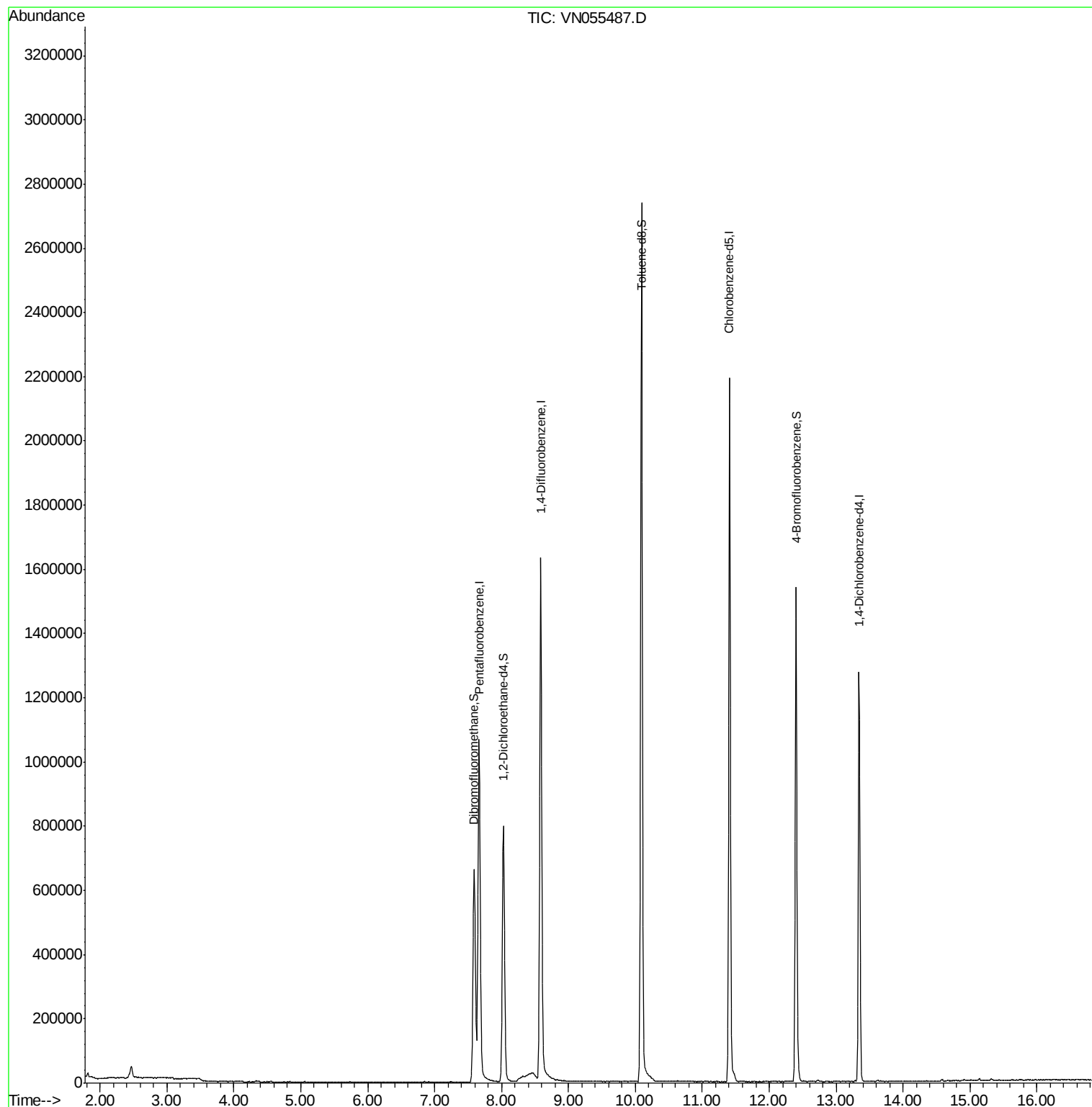
Target Compounds	Qvalue

(#) = 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: VN055487.D

Acq: 9 May 2019 10:59

Instrument :

MSVOA_N

ClientSampleId :

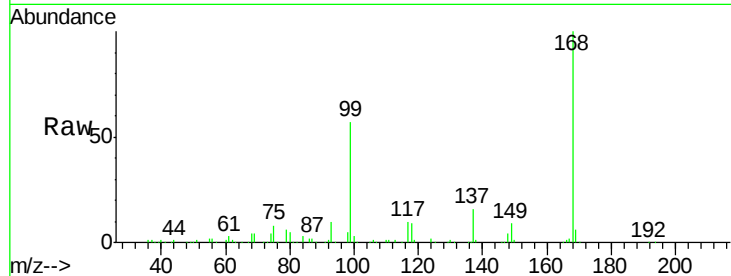
VN0509WBL01

Tot Ion:168 Resp: 880860

Ion Ratio Lower Upper

168 100

99 57.4 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

400000

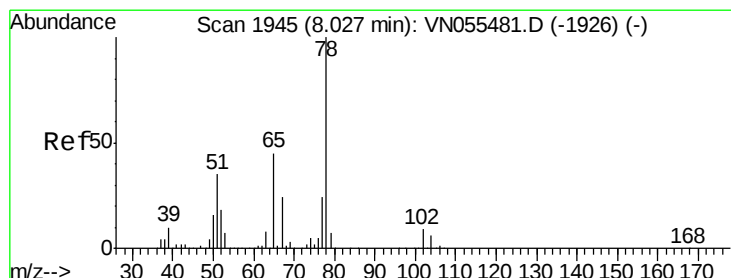
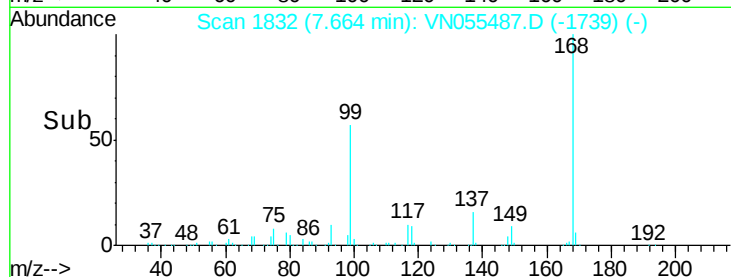
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.886 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055487.D

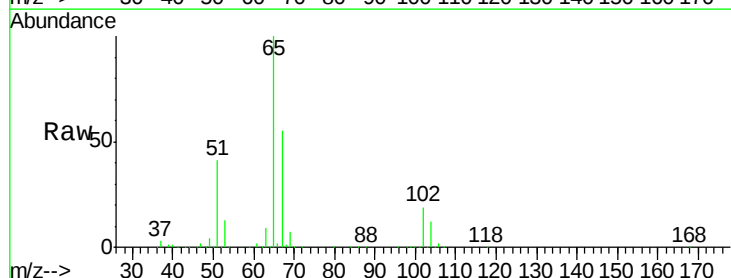
Acq: 9 May 2019 10:59

Tgt Ion: 65 Resp: 674894

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN

8.03

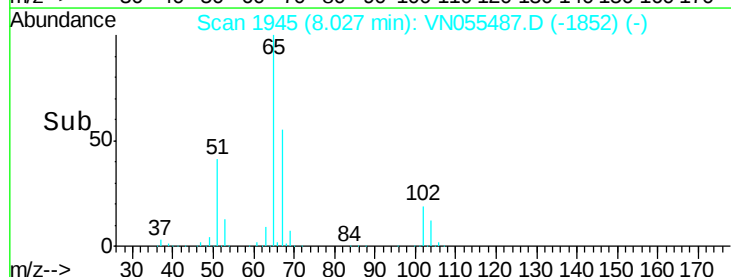
300000

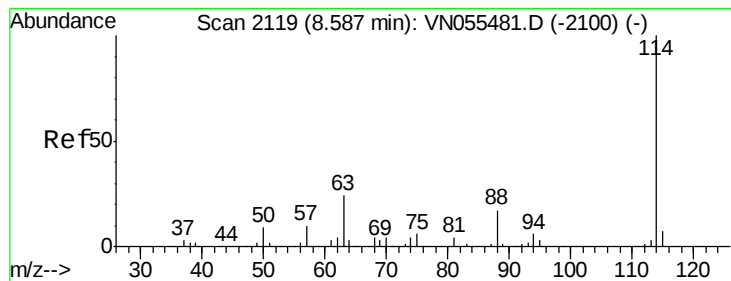
200000

100000

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: VN055487.D

Acq: 9 May 2019 10:59

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBL01

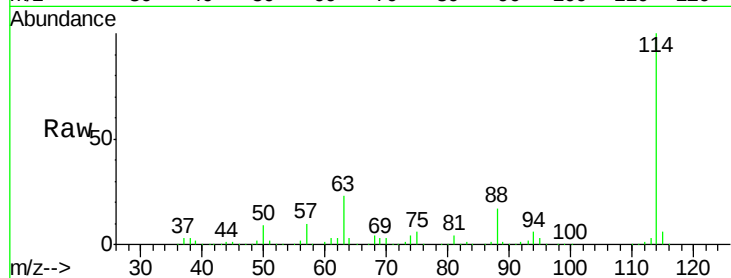
Tot Ion:114 Resp: 1485985

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.4

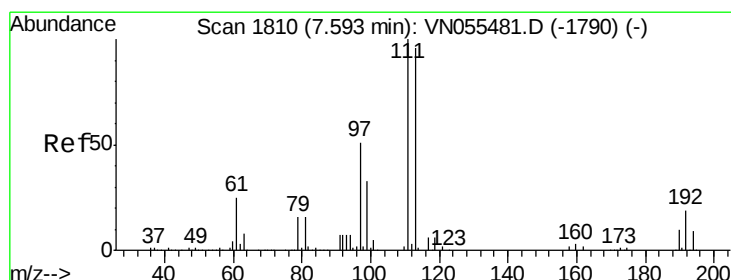
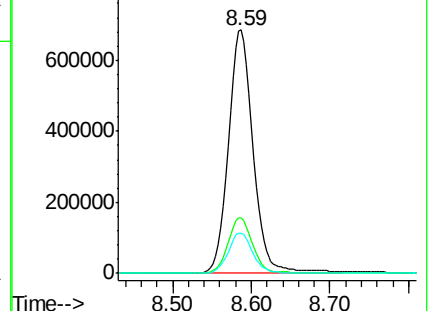
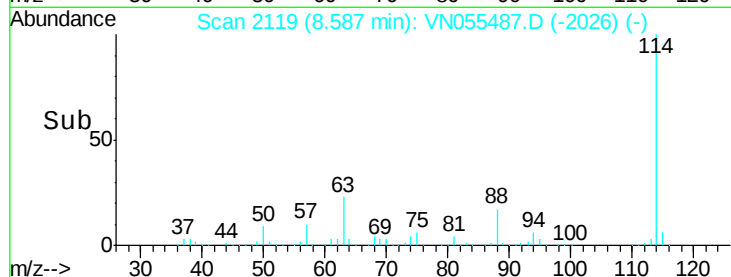
88 16.6 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 53.192 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055487.D

Acq: 9 May 2019 10:59

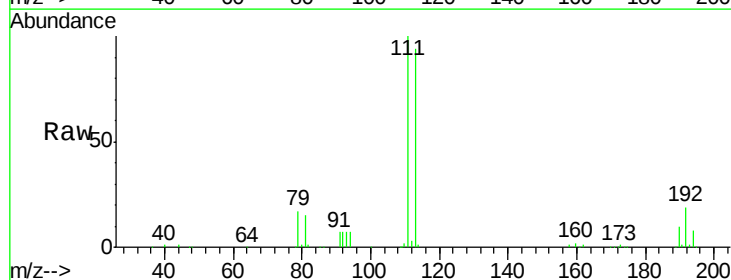
Tgt Ion:113 Resp: 509886

Ion Ratio Lower Upper

113 100

111 104.5 82.9 124.3

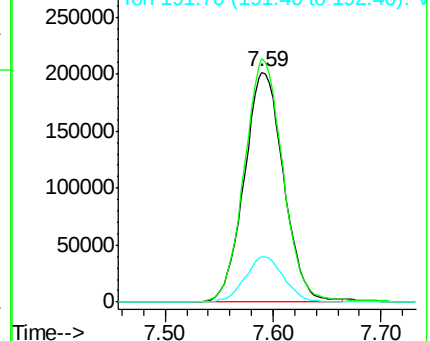
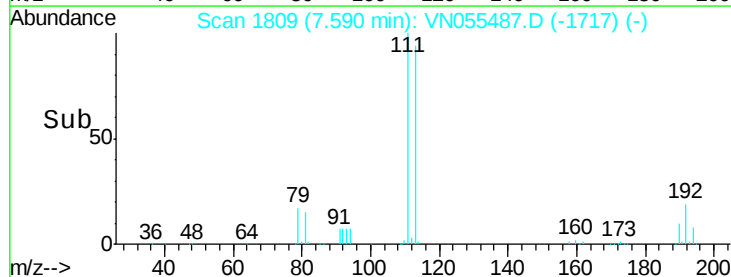
192 19.6 15.6 23.4

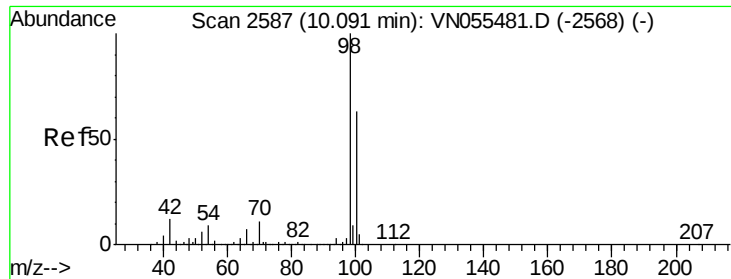


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.786 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055487.D

Acq: 9 May 2019 10:59

Instrument :

MSVOA_N

ClientSampleId :

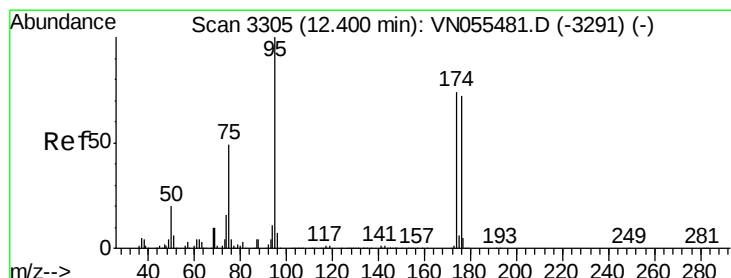
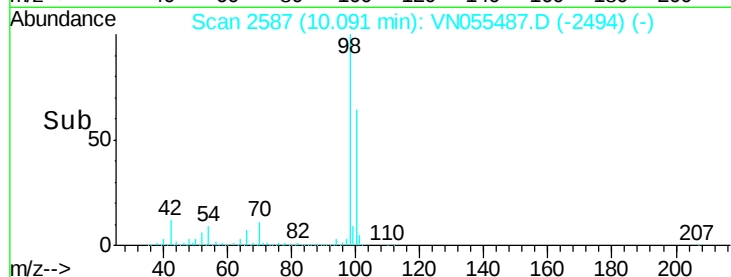
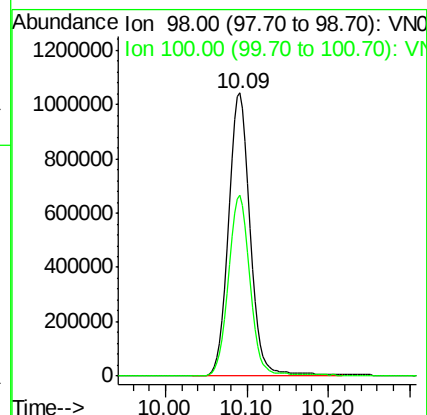
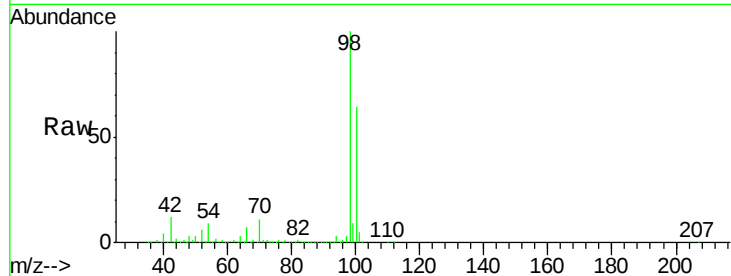
VN0509WBL01

Tot Ion: 98 Resp: 1971817

Ion Ratio Lower Upper

98 100

100 63.8 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 45.922 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055487.D

Acq: 9 May 2019 10:59

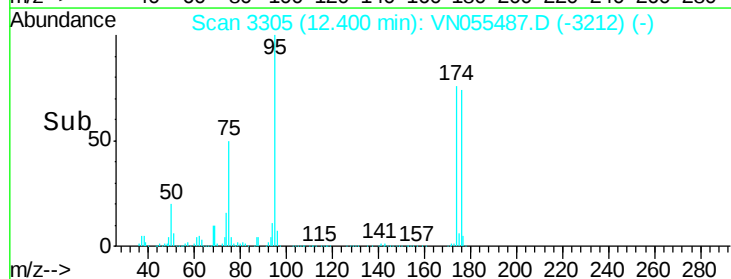
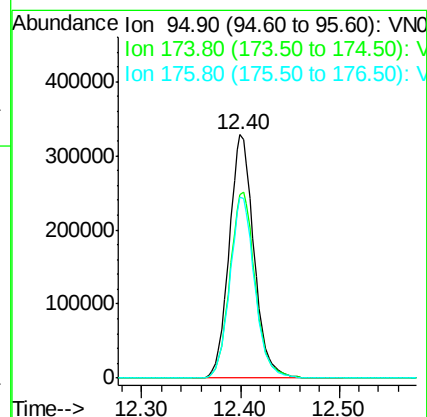
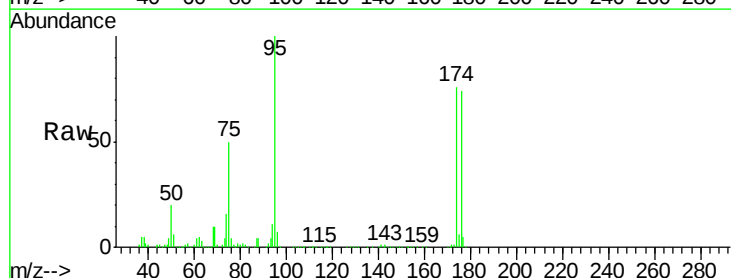
Tgt Ion: 95 Resp: 578419

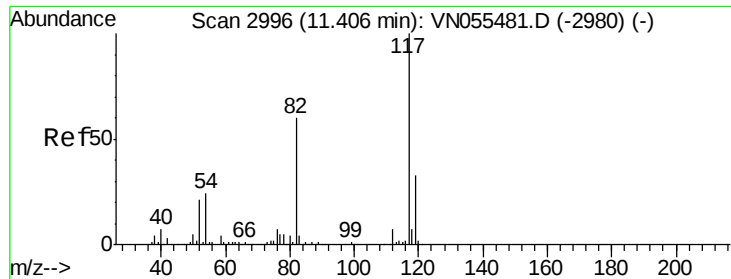
Ion Ratio Lower Upper

95 100

174 77.4 0.0 152.2

176 74.3 0.0 147.8

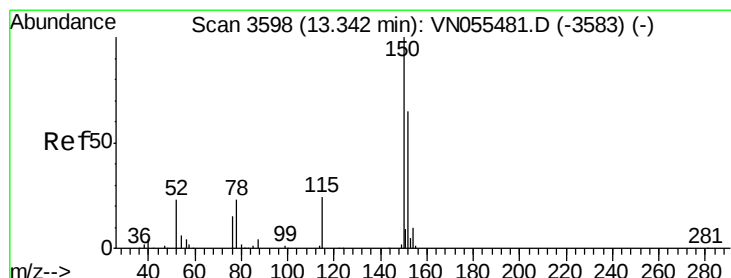
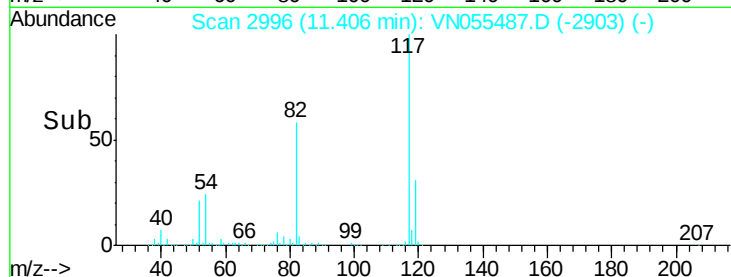
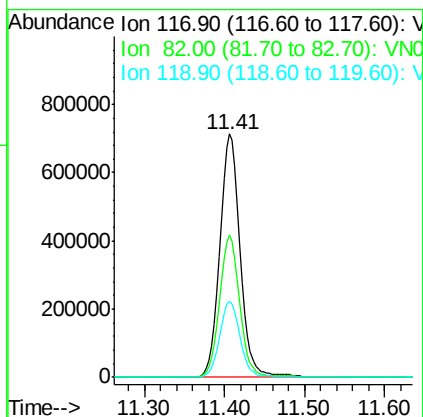
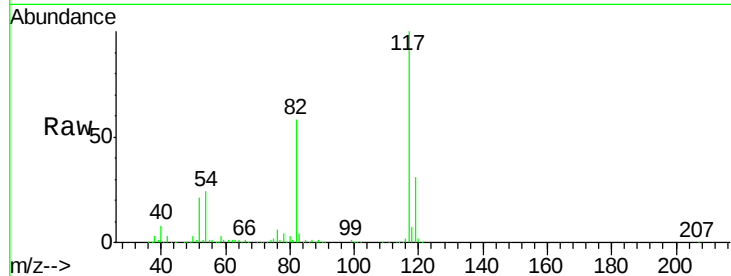




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055487.D
Acq: 9 May 2019 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBL01

Tot Ion:117 Resp: 1257475
Ion Ratio Lower Upper
117 100
82 58.3 48.0 72.0
119 31.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055487.D
Acq: 9 May 2019 10:59

Tgt Ion:152 Resp: 342654
Ion Ratio Lower Upper
152 100
115 61.5 30.1 90.5
150 160.0 0.0 355.0

