

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055416.D
 Acq On : 6 May 2019 15:24
 Operator : JC/SP
 Sample : K2667-03
 Misc : 3.59g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1-B

Quant Time: May 07 02:10:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	516470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	911629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	840536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	318892	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	360764	53.39	ug/l	0.00
Spiked Amount			Recovery	=	106.78%	
35) Dibromofluoromethane	7.59	113	286903	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
50) Toluene-d8	10.09	98	1109587	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.40	95	399531	59.17	ug/l	0.00
Spiked Amount			Recovery	=	118.34%	

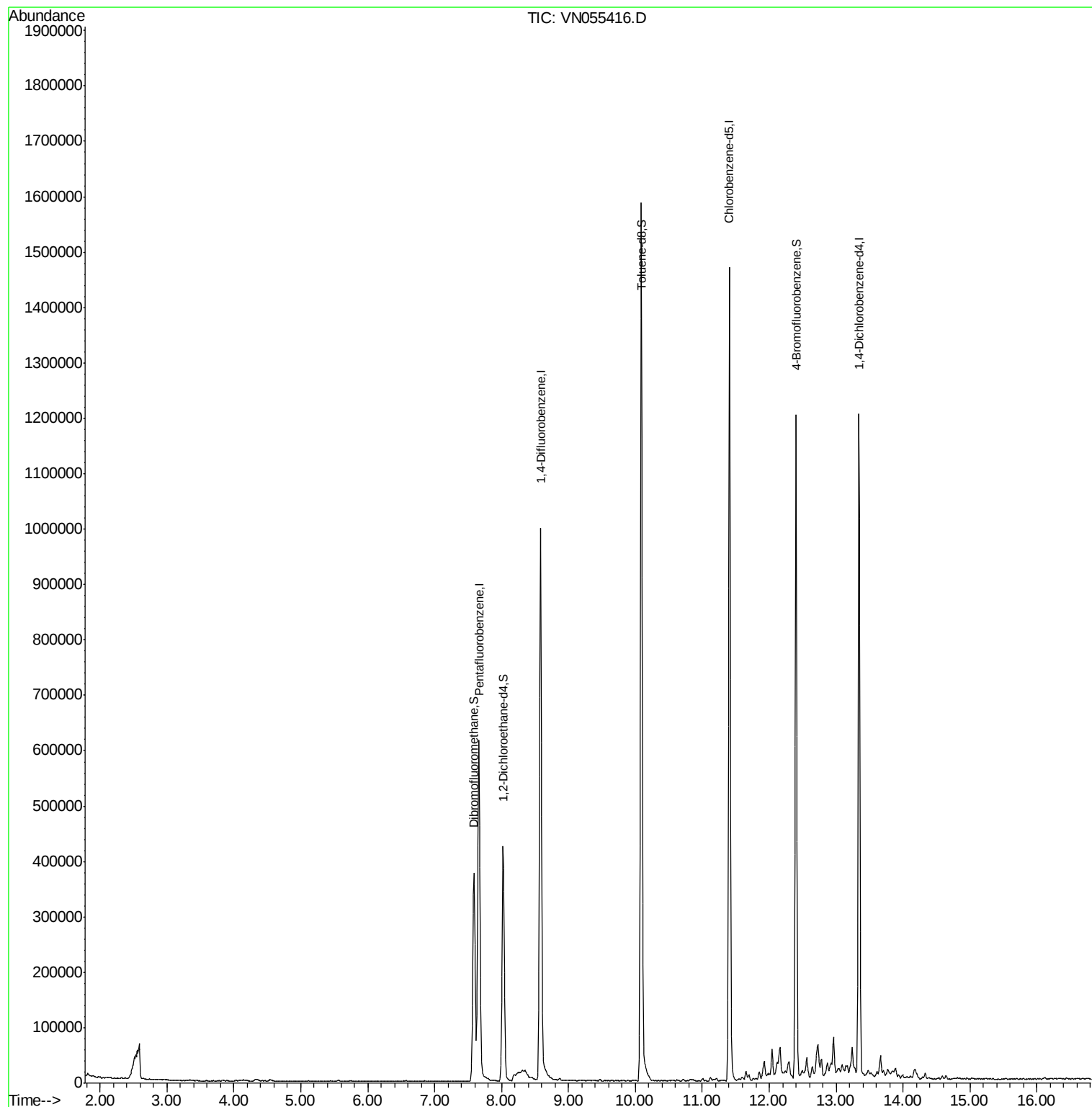
Target Compounds	Qvalue
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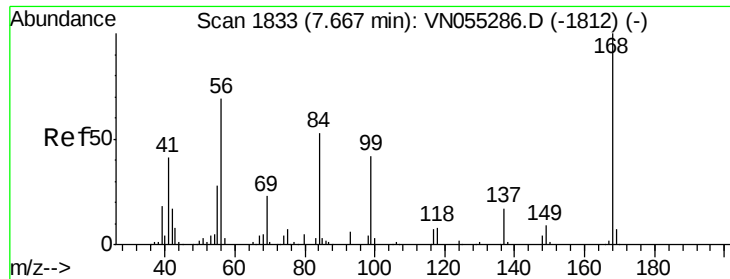
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VN055416.D

Acq: 6 May 2019 15:24

Instrument :

MSVOA_N

ClientSampleId :

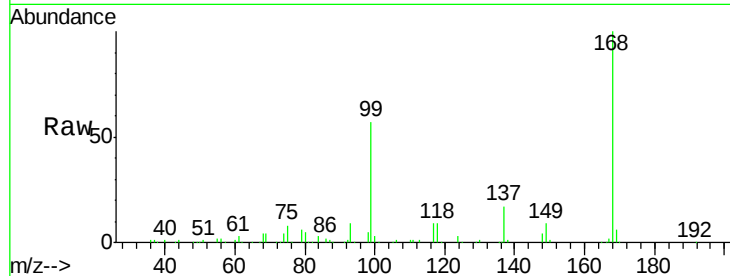
SP-1-B

Tot Ion:168 Resp: 516470

Ion Ratio Lower Upper

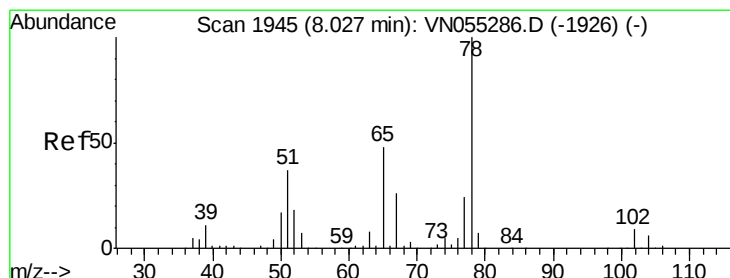
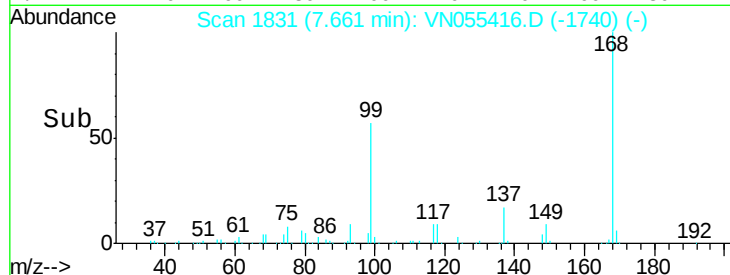
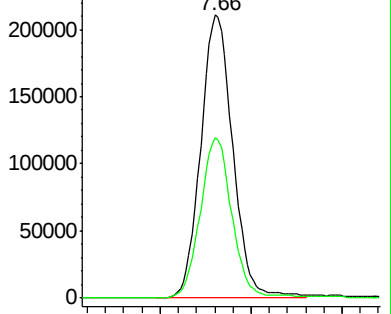
168 100

99 56.5 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 53.394 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN055416.D

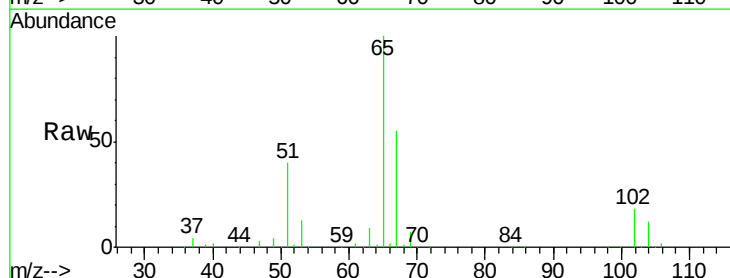
Acq: 6 May 2019 15:24

Tgt Ion: 65 Resp: 360764

Ion Ratio Lower Upper

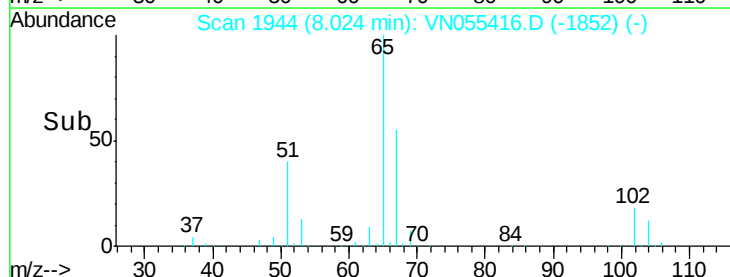
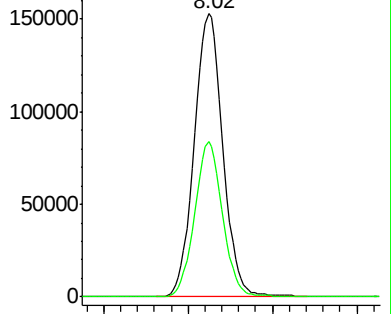
65 100

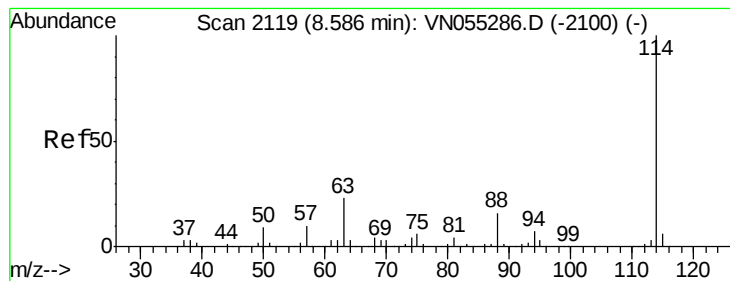
67 53.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN055416.D

Acq: 6 May 2019 15:24

Instrument :

MSVOA_N

ClientSampled :

SP-1-B

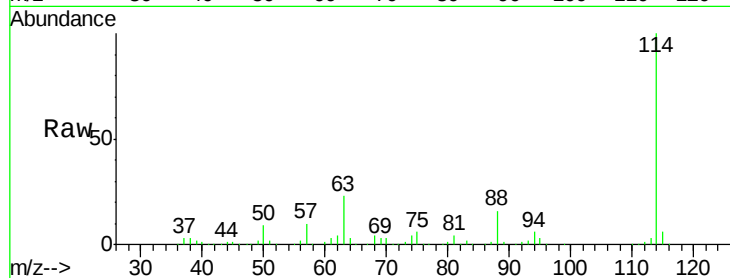
Tot Ion:114 Resp: 911629

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.2

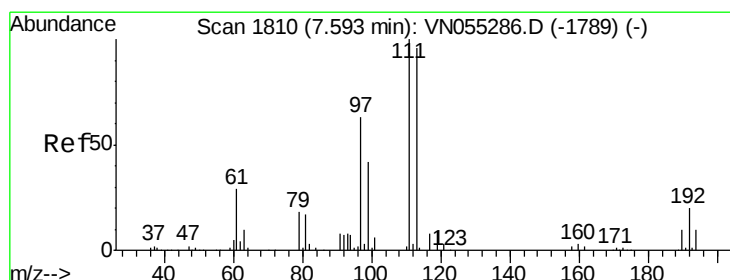
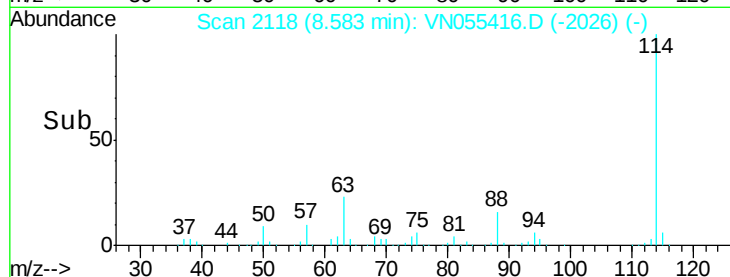
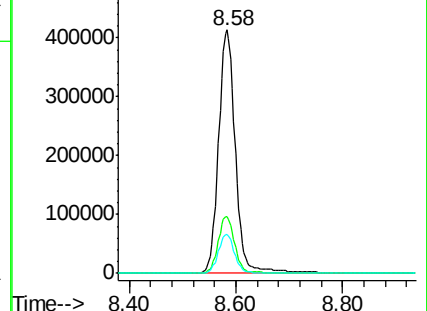
88 16.0 0.0 31.6



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: 47.948 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VN055416.D

Acq: 6 May 2019 15:24

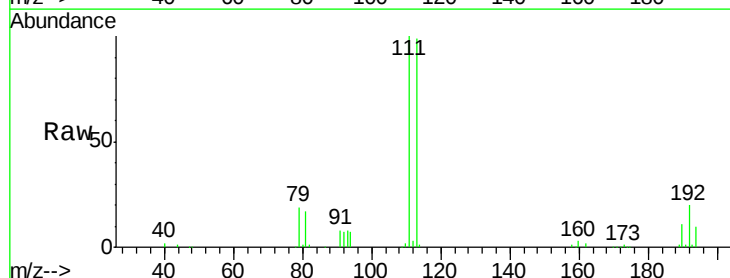
Tgt Ion:113 Resp: 286903

Ion Ratio Lower Upper

113 100

111 102.1 82.3 123.5

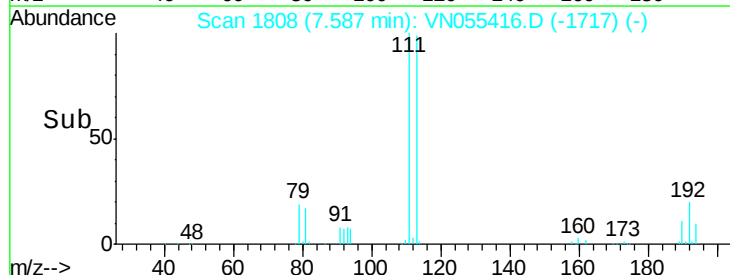
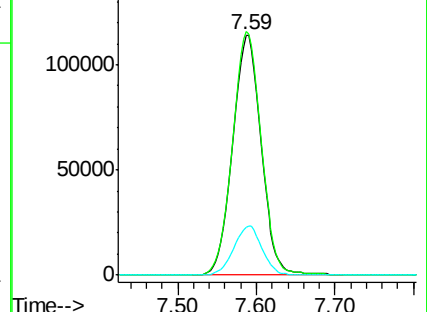
192 20.2 17.0 25.6

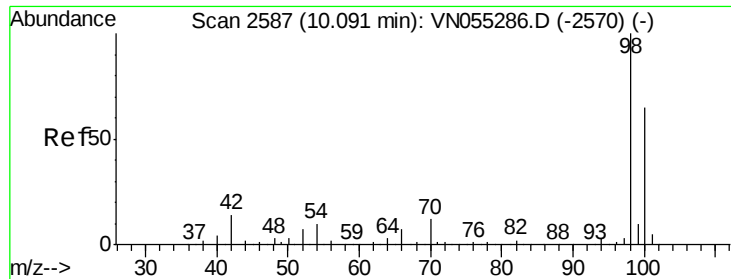


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

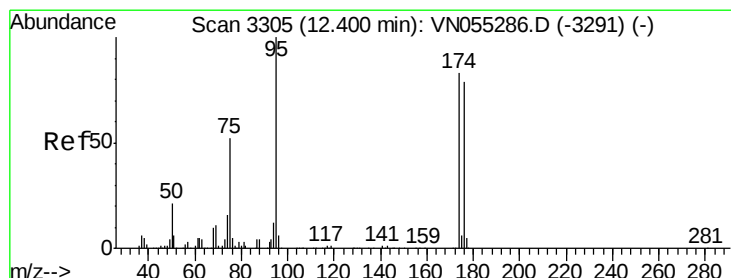
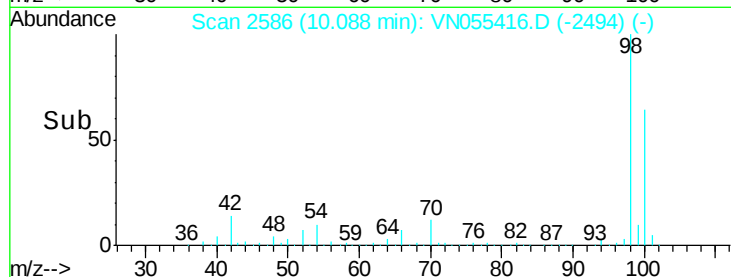
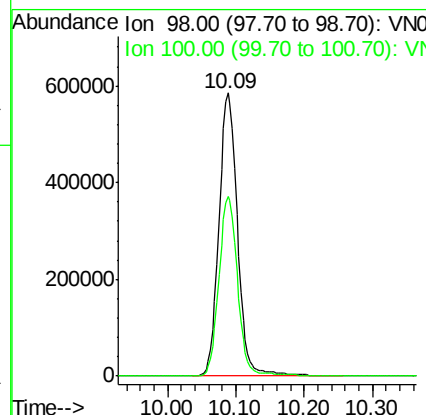
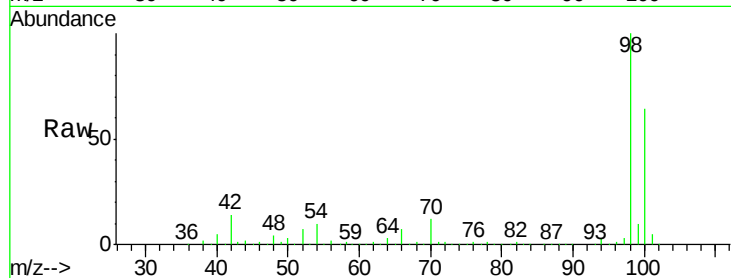




#50
Toluene-d8
Concen: 51.355 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055416.D
Acq: 6 May 2019 15:24

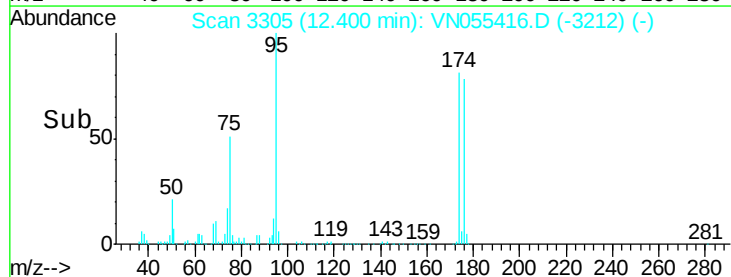
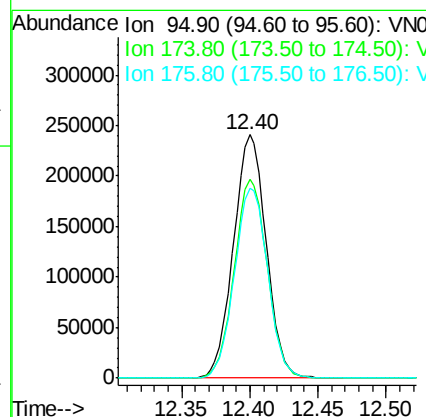
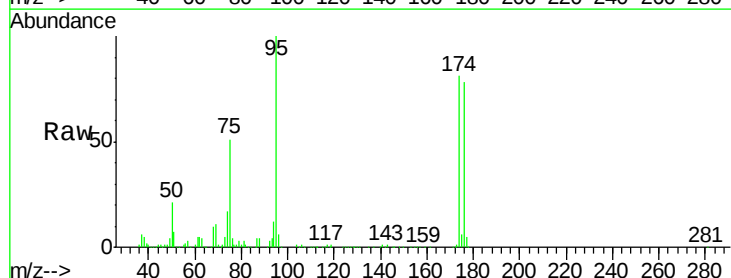
Instrument :
MSVOA_N
ClientSampleId :
SP-1-B

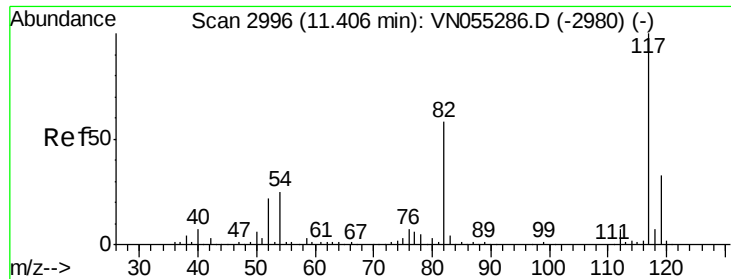
Tot Ion: 98 Resp: 1109587
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 59.166 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055416.D
Acq: 6 May 2019 15:24

Tgt Ion: 95 Resp: 399531
Ion Ratio Lower Upper
95 100
174 82.6 0.0 166.6
176 79.8 0.0 157.8

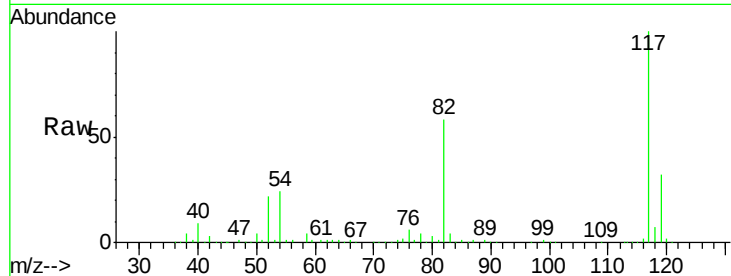




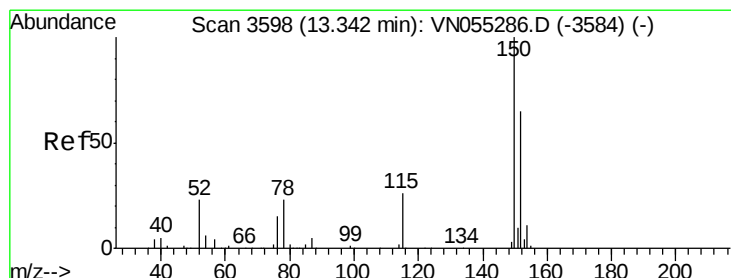
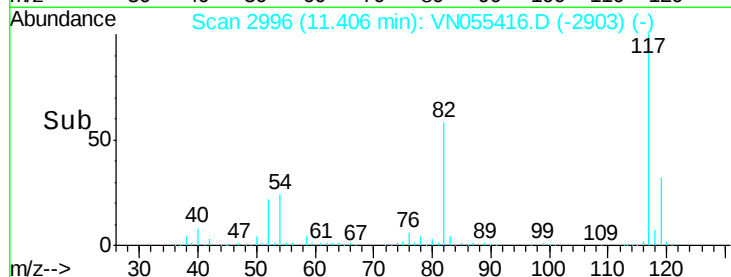
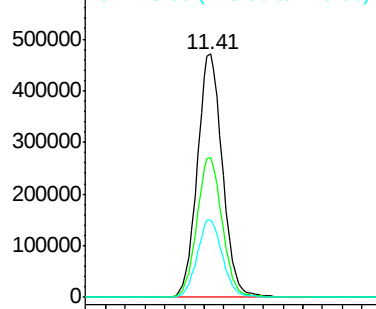
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055416.D
Acq: 6 May 2019 15:24

Instrument :
MSVOA_N
ClientSampled :
SP-1-B

Tot Ion:117 Resp: 840536
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 32.0 26.6 40.0

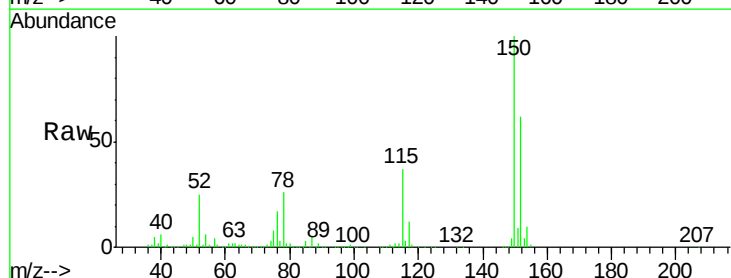


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055416.D
Acq: 6 May 2019 15:24

Tgt Ion:152 Resp: 318892
Ion Ratio Lower Upper
152 100
115 58.4 29.0 87.0
150 157.6 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

