

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055819.D
 Acq On : 25 May 2019 1:44
 Operator : JC/SP
 Sample : K3022-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: May 25 05:41:44 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	438357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	614652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	558440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	192651	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	202936	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
35) Dibromofluoromethane	7.59	113	185685	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
50) Toluene-d8	10.09	98	722721	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.40	95	233974	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	

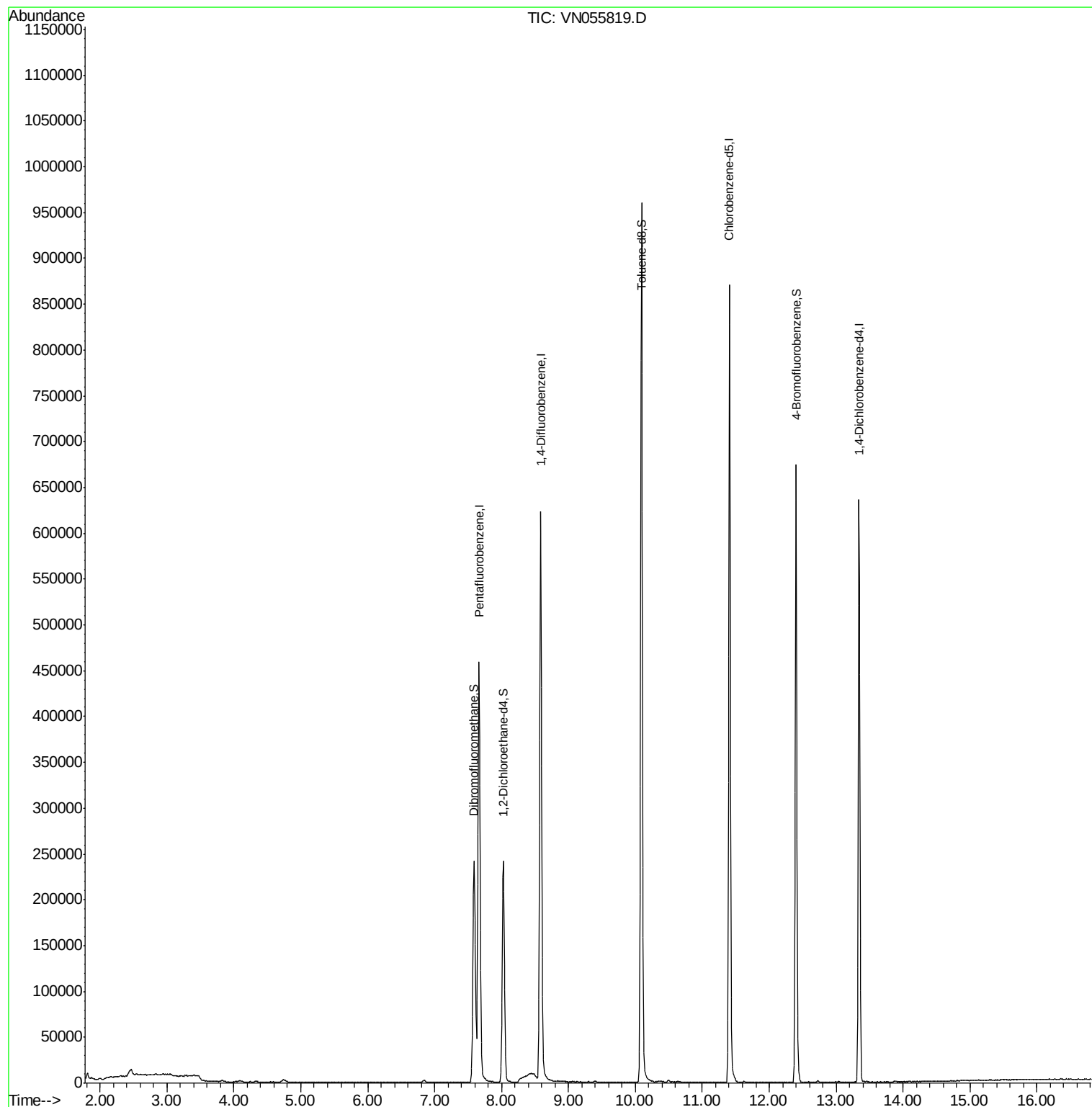
Target Compounds	Qvalue

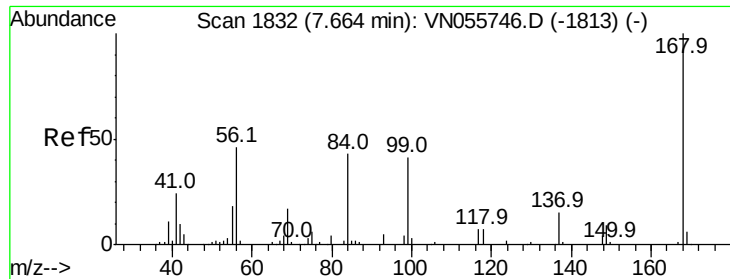
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052419\
Data File : VN055819.D
Acq On : 25 May 2019 1:44
Operator : JC/SP
Sample : K3022-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Quant Time: May 25 05:41:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055819.D

Acq: 25 May 2019 1:44

Instrument :

MSVOA_N

ClientSampled :

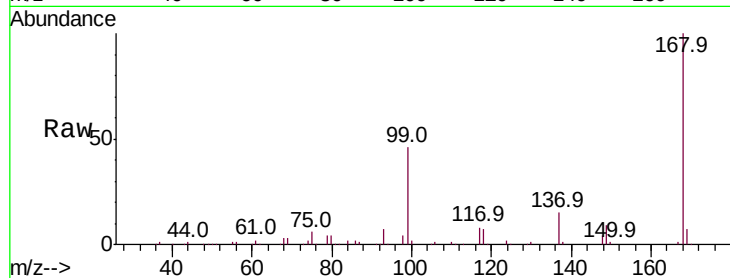
MW-4

Tot Ion:168 Resp: 438357

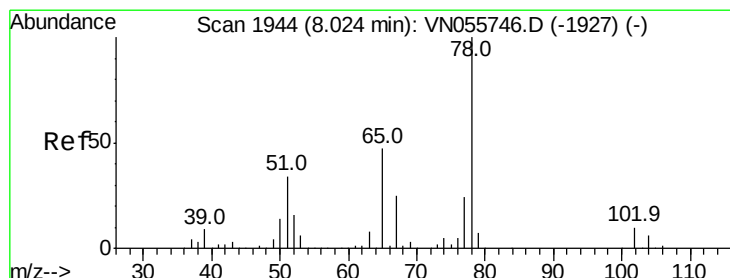
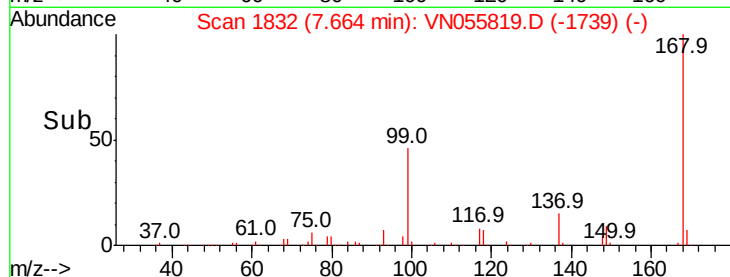
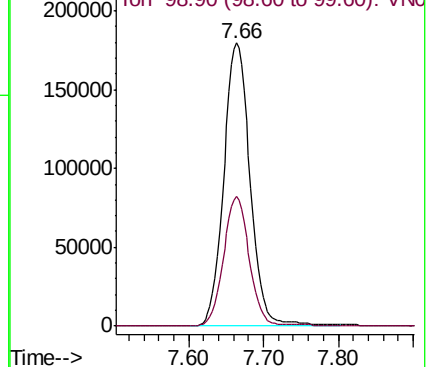
Ion Ratio Lower Upper

168 100

99 45.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055819.D (-1739) (-)



#33

1,2-Dichloroethane-d4

Concen: 44.828 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055819.D

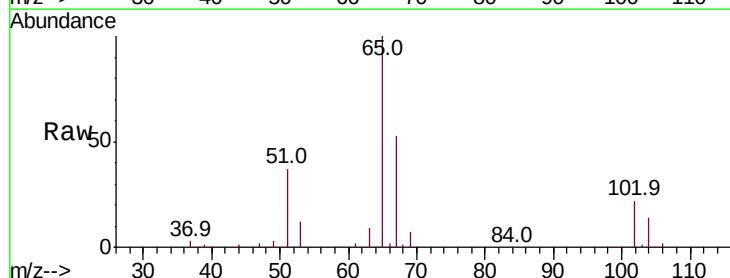
Acq: 25 May 2019 1:44

Tgt Ion: 65 Resp: 202936

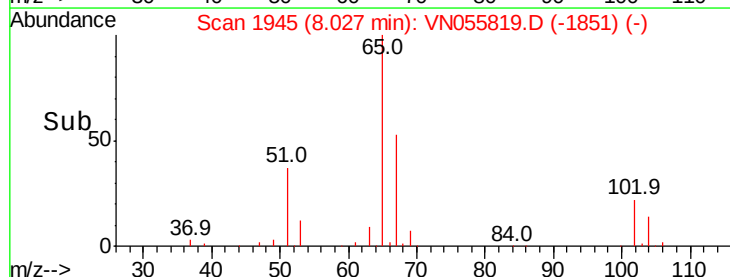
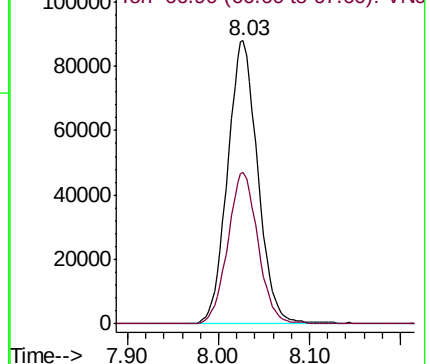
Ion Ratio Lower Upper

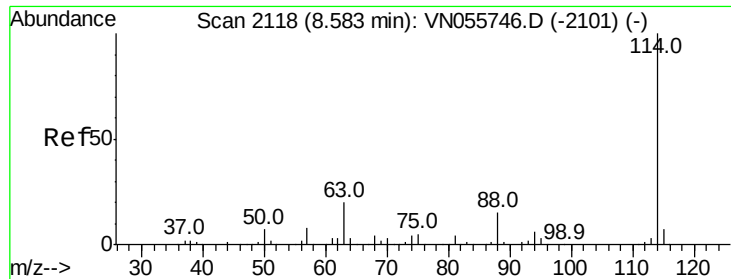
65 100

67 53.3 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055819.D (-1851) (-)

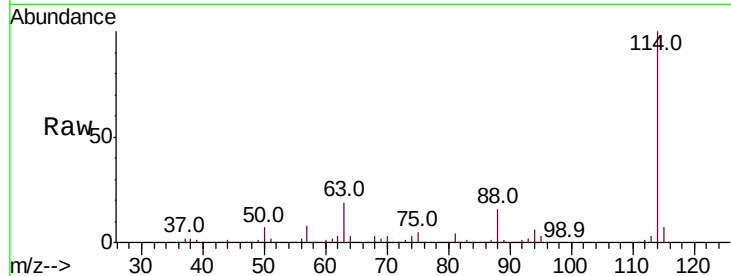




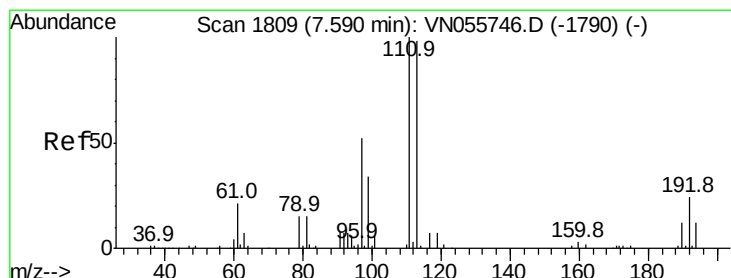
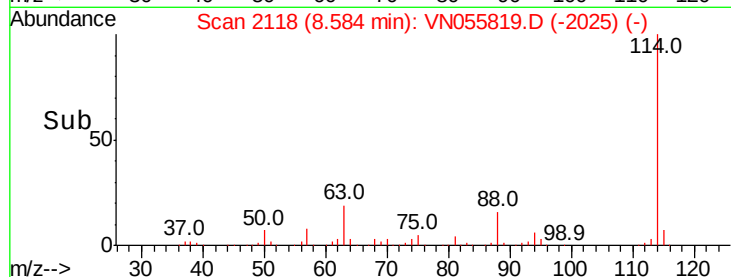
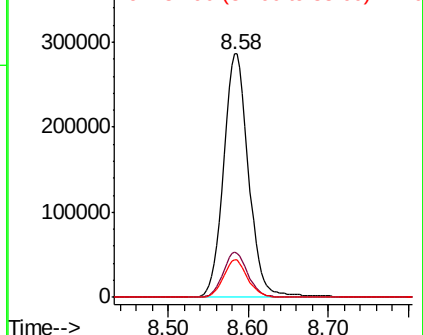
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055819.D
 Acq: 25 May 2019 1:44

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Tot Ion:114 Resp: 614652
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.5 0.0 31.0

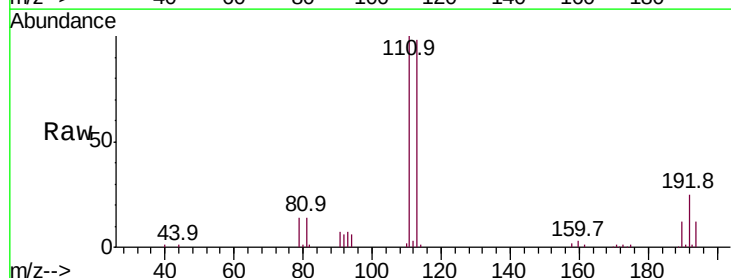


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

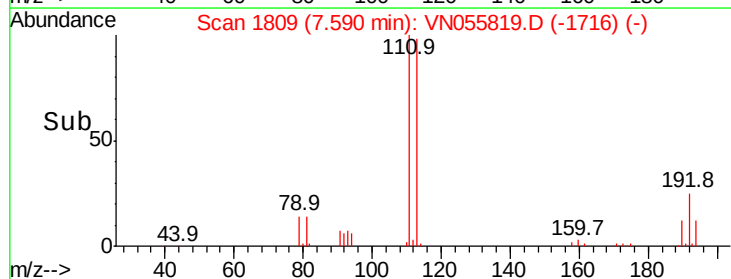
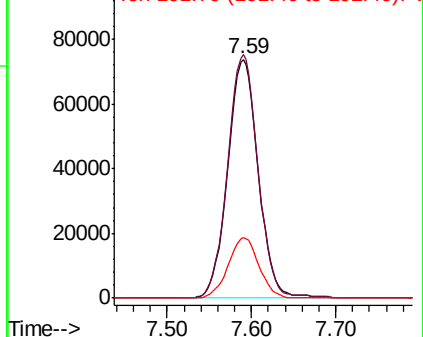


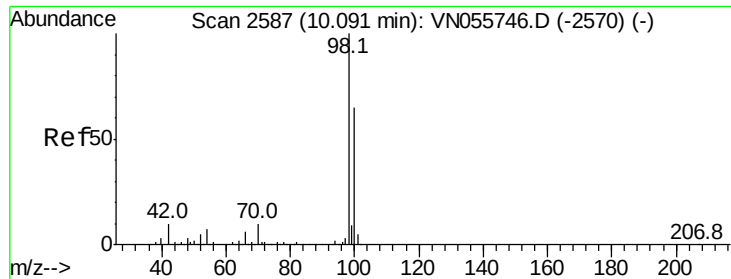
#35
 Dibromofluoromethane
 Concen: 47.783 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055819.D
 Acq: 25 May 2019 1:44

Tgt Ion:113 Resp: 185685
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.9 122.9
 192 25.4 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: 48.484 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055819.D

Acq: 25 May 2019 1:44

Instrument :

MSVOA_N

ClientSampled :

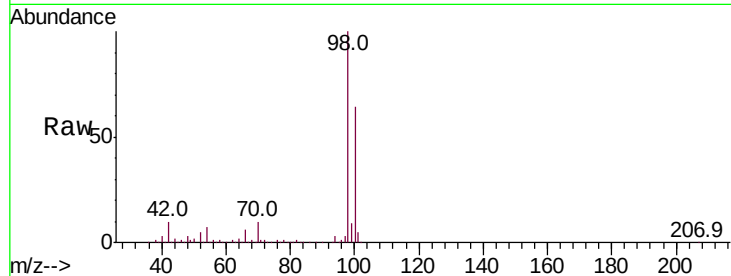
MW-4

Tot Ion: 98 Resp: 722721

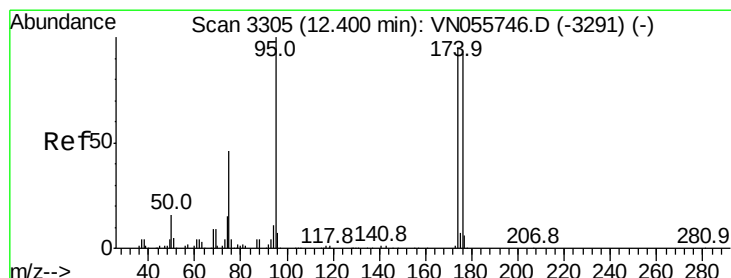
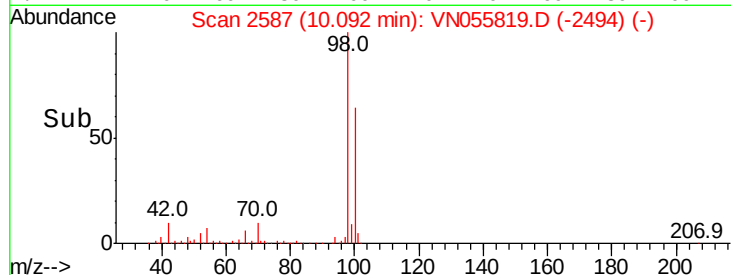
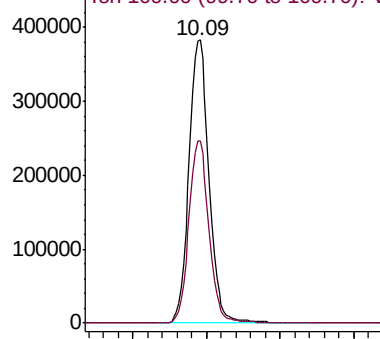
Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055819.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: 45.776 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055819.D

Acq: 25 May 2019 1:44

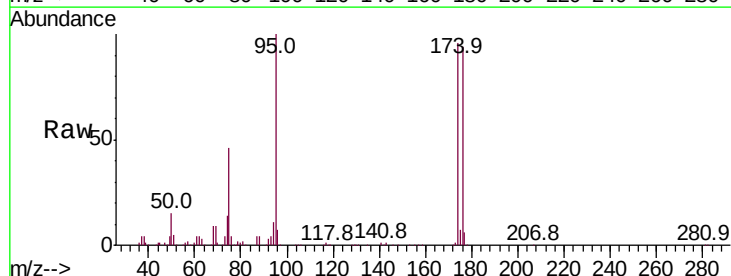
Tgt Ion: 95 Resp: 233974

Ion Ratio Lower Upper

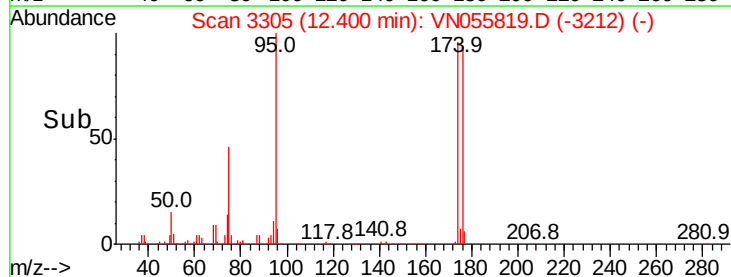
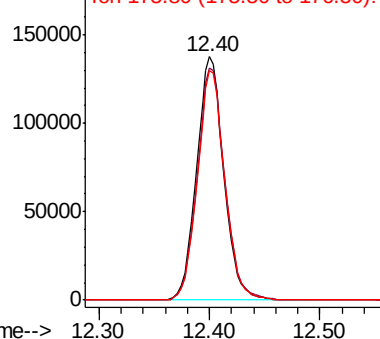
95 100

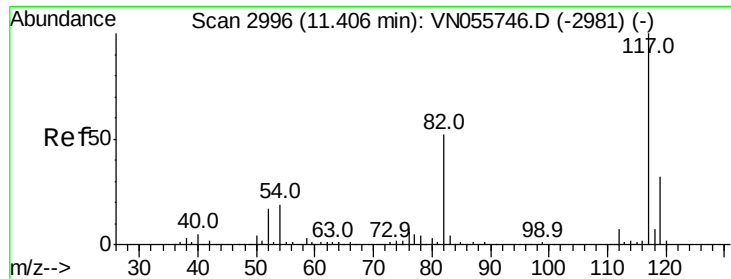
174 96.9 0.0 191.0

176 94.8 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055819.D (-3212) (-)

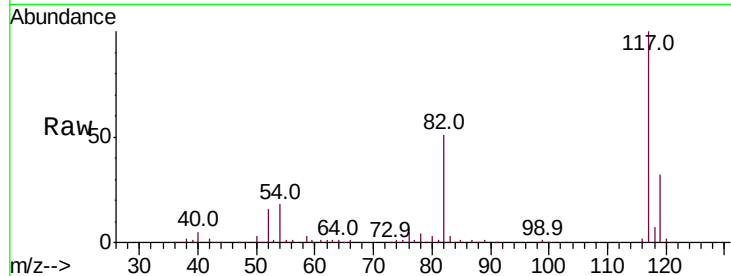




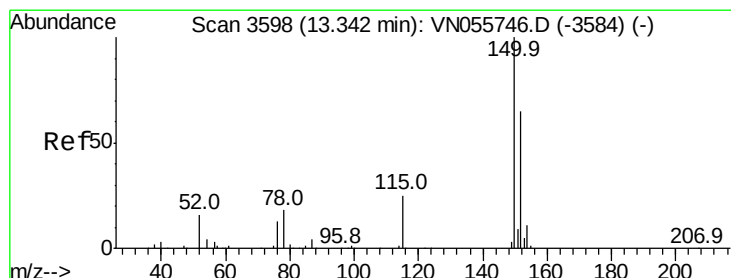
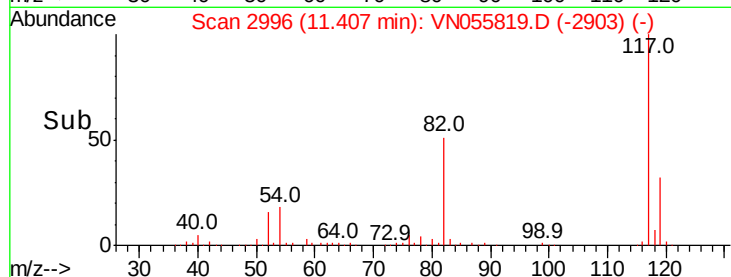
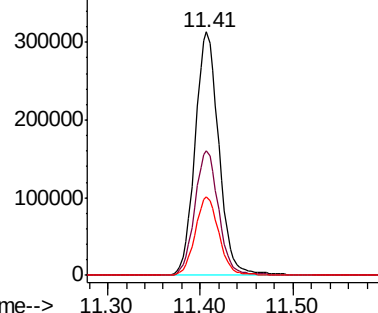
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055819.D
Acq: 25 May 2019 1:44

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion:117 Resp: 558440
Ion Ratio Lower Upper
117 100
82 51.3 41.8 62.8
119 32.2 25.4 38.0

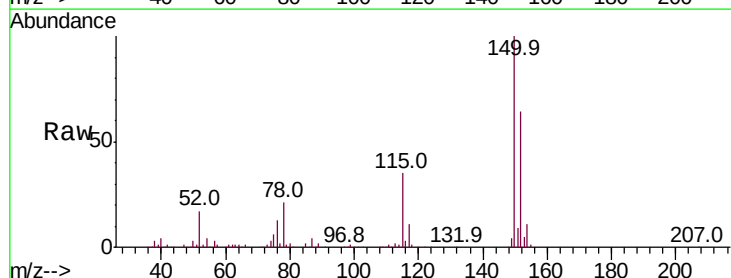


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055819.D
Acq: 25 May 2019 1:44

Tgt Ion:152 Resp: 192651
Ion Ratio Lower Upper
152 100
115 53.6 27.0 81.0
150 157.2 0.0 343.2



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

