

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072719\
 Data File : VN056945.D
 Acq On : 26 Jul 2019 16:35
 Operator : JC/SP
 Sample : VN0727WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBL01

Quant Time: Jul 27 01:06:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:47:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	677310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	980584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	810903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	239681	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	353597	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
35) Dibromofluoromethane	7.58	113	329722	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
50) Toluene-d8	10.08	98	1242061	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.40	95	336859	43.23	ug/l	0.00
Spiked Amount			Recovery	=	86.46%	

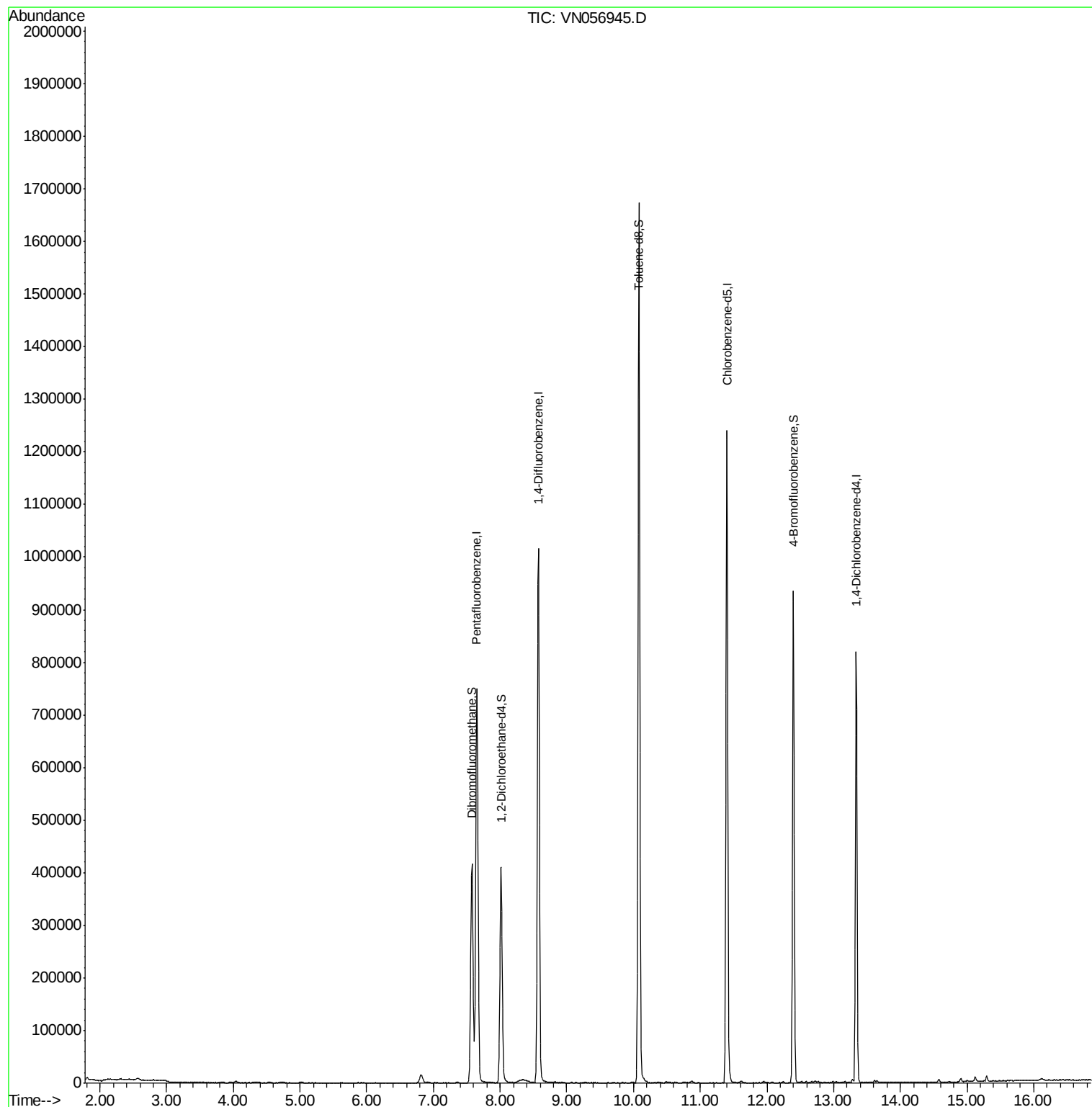
Target Compounds	Qvalue
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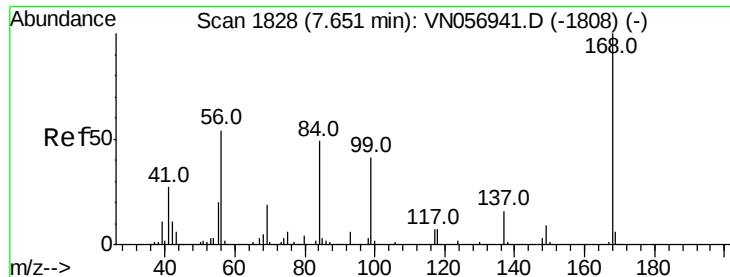
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072719\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056945.D

Acq: 26 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

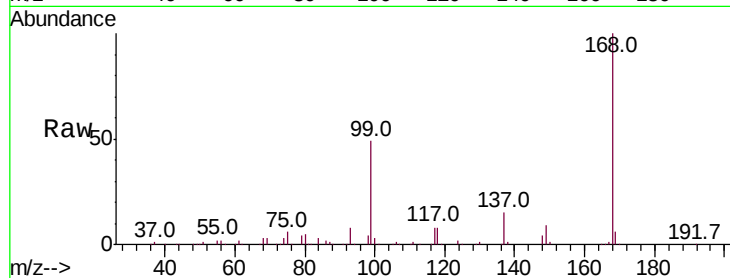
VN0727WBL01

Tot Ion:168 Resp: 677310

Ion Ratio Lower Upper

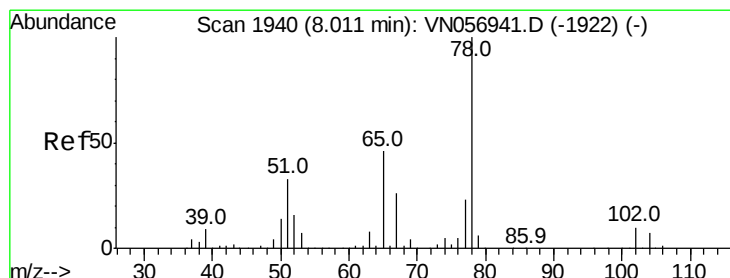
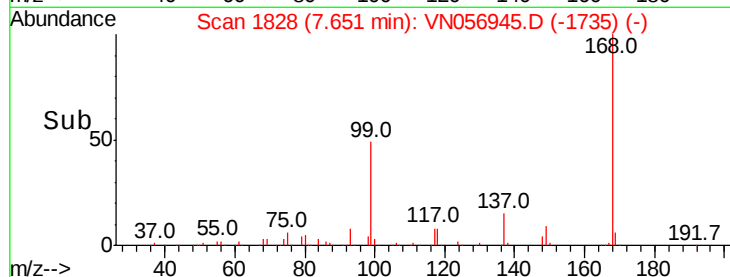
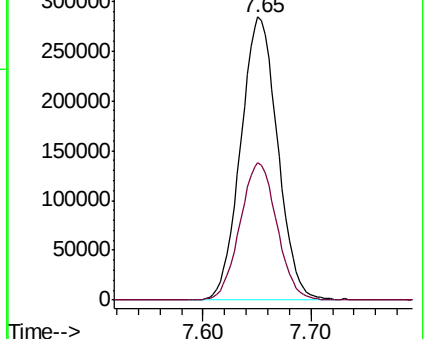
168 100

99 48.6 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 51.000 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN056945.D

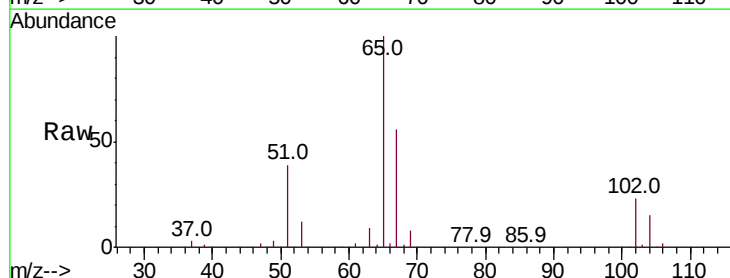
Acq: 26 Jul 2019 16:35

Tgt Ion: 65 Resp: 353597

Ion Ratio Lower Upper

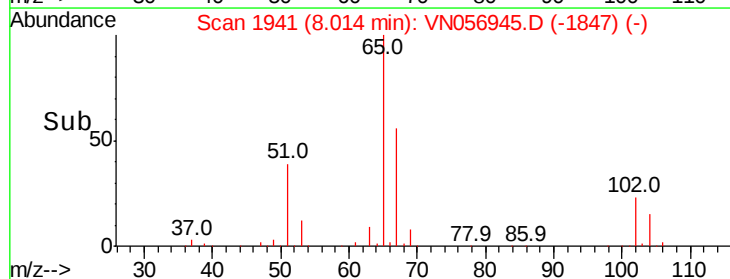
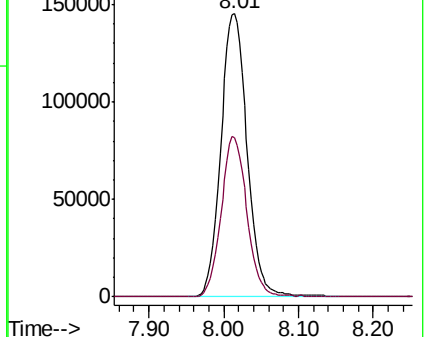
65 100

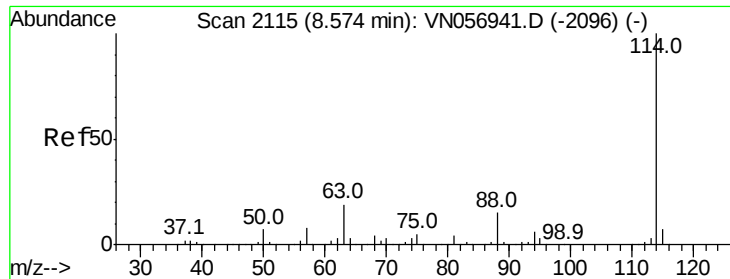
67 55.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

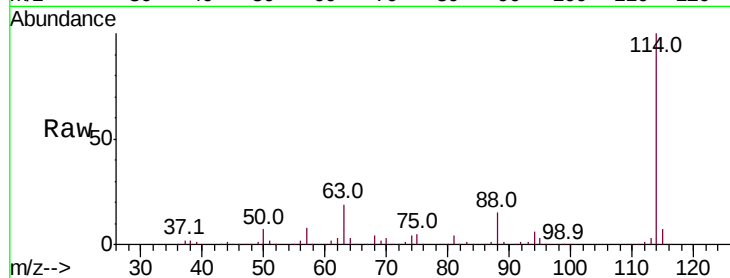




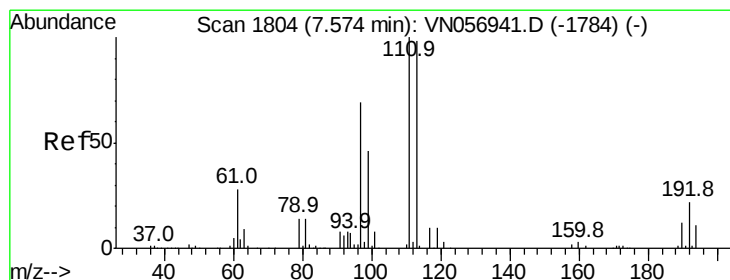
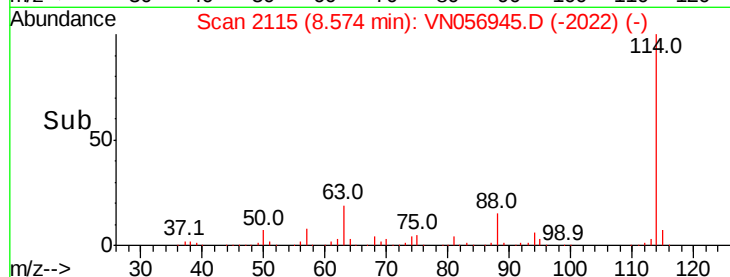
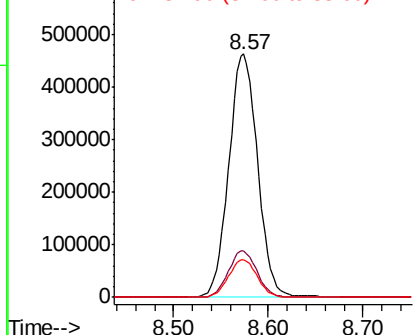
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN056945.D
 Acq: 26 Jul 2019 16:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBL01

Tot Ion:114 Resp: 980584
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.0
 88 15.4 0.0 30.0

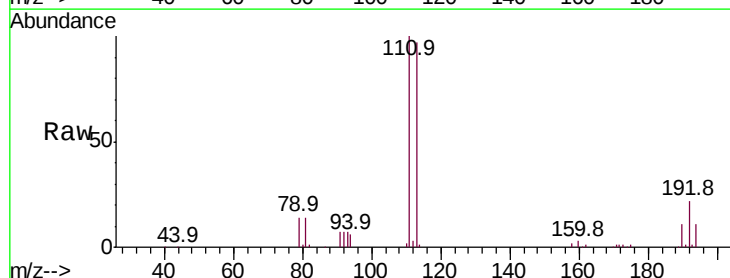


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

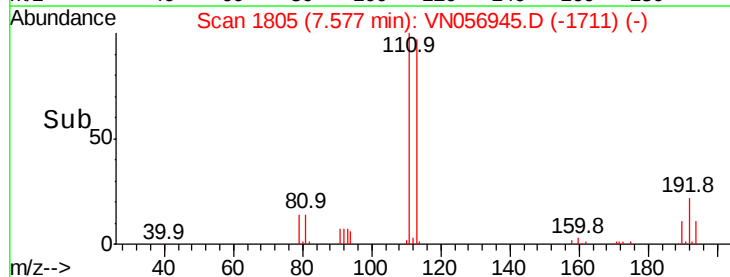
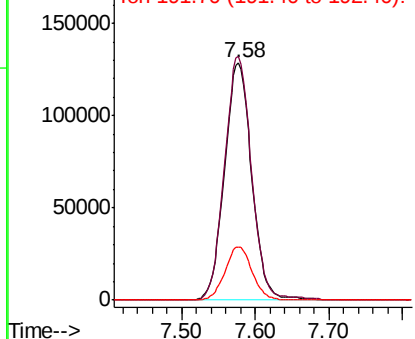


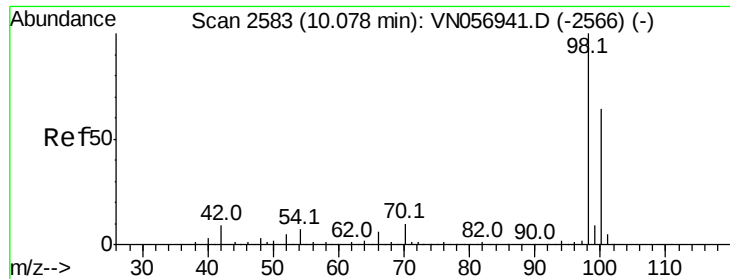
#35
 Dibromofluoromethane
 Concen: 52.525 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN056945.D
 Acq: 26 Jul 2019 16:35

Tgt Ion:113 Resp: 329722
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.0 123.0
 192 22.5 18.4 27.6



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: 51.885 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN056945.D

Acq: 26 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

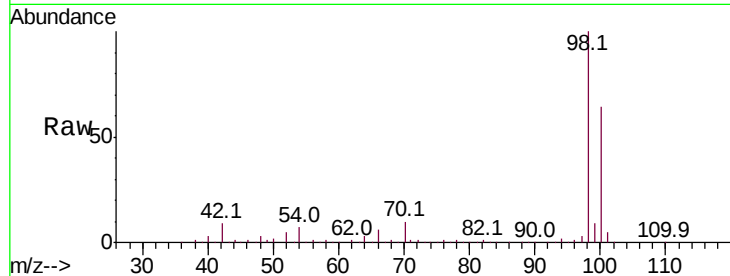
VN0727WBL01

Tot Ion: 98 Resp: 1242061

Ion Ratio Lower Upper

98 100

100 64.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

800000

600000

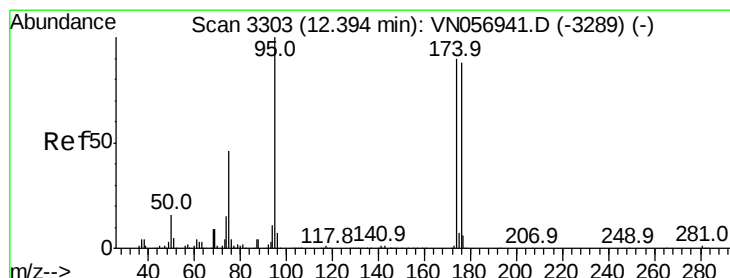
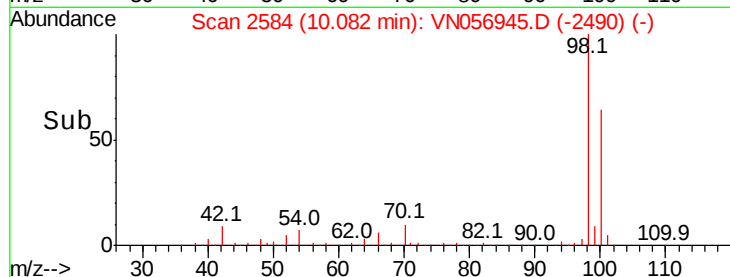
400000

200000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 43.225 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN056945.D

Acq: 26 Jul 2019 16:35

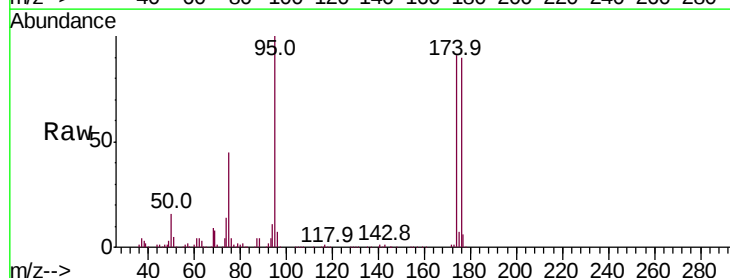
Tgt Ion: 95 Resp: 336859

Ion Ratio Lower Upper

95 100

174 92.4 0.0 182.2

176 89.9 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

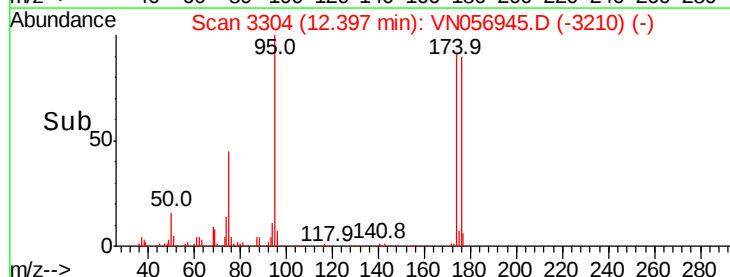
100000

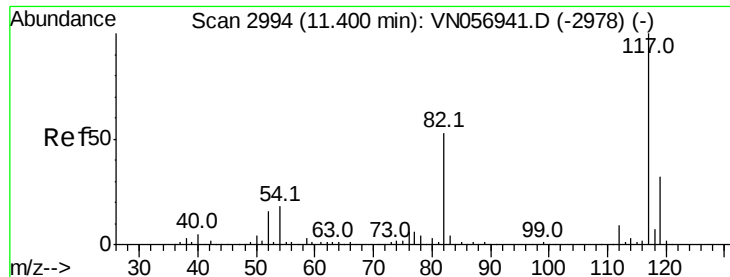
50000

0

12.30 12.35 12.40 12.45

Time-->

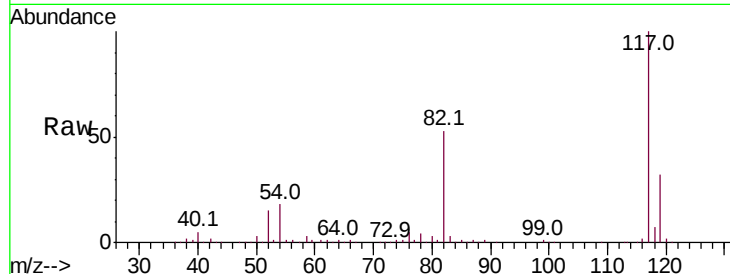




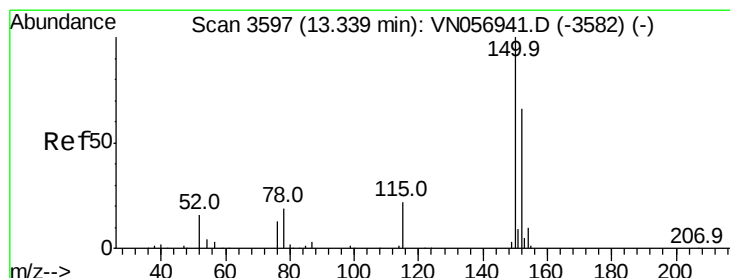
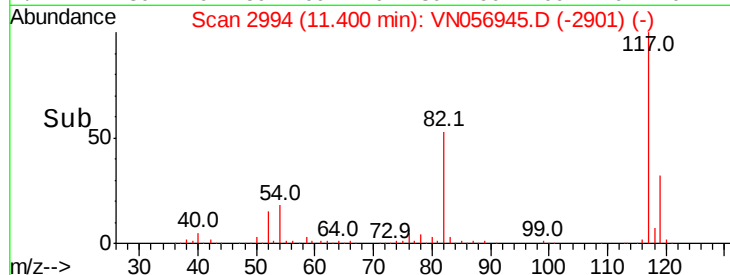
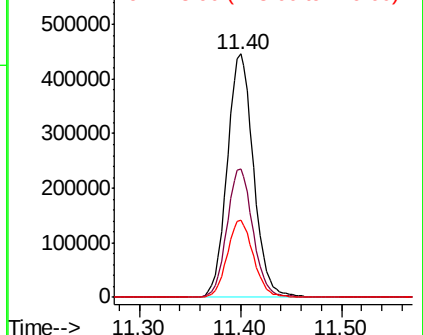
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN056945.D
Acq: 26 Jul 2019 16:35

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBL01

Tot Ion:117 Resp: 810903
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.4
119 31.6 25.8 38.6

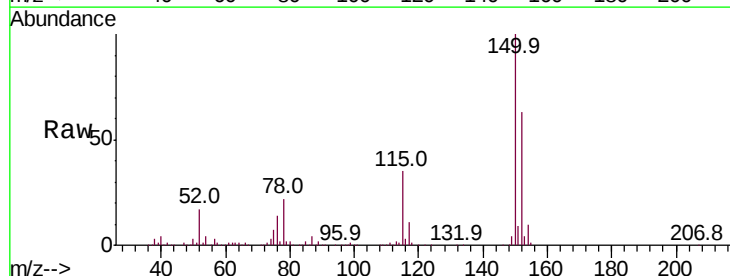


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN056945.D
Acq: 26 Jul 2019 16:35

Tgt Ion:152 Resp: 239681
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.6
150 158.3 0.0 349.4



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

