

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052919\
 Data File : VN055868.D
 Acq On : 29 May 2019 11:13
 Operator : JC/SP
 Sample : VN0529WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBL02

Quant Time: May 30 07:42:05 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	411042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	582164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	532845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176797	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	194598	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
35) Dibromofluoromethane	7.59	113	174949	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
50) Toluene-d8	10.09	98	700667	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.40	95	217690	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	

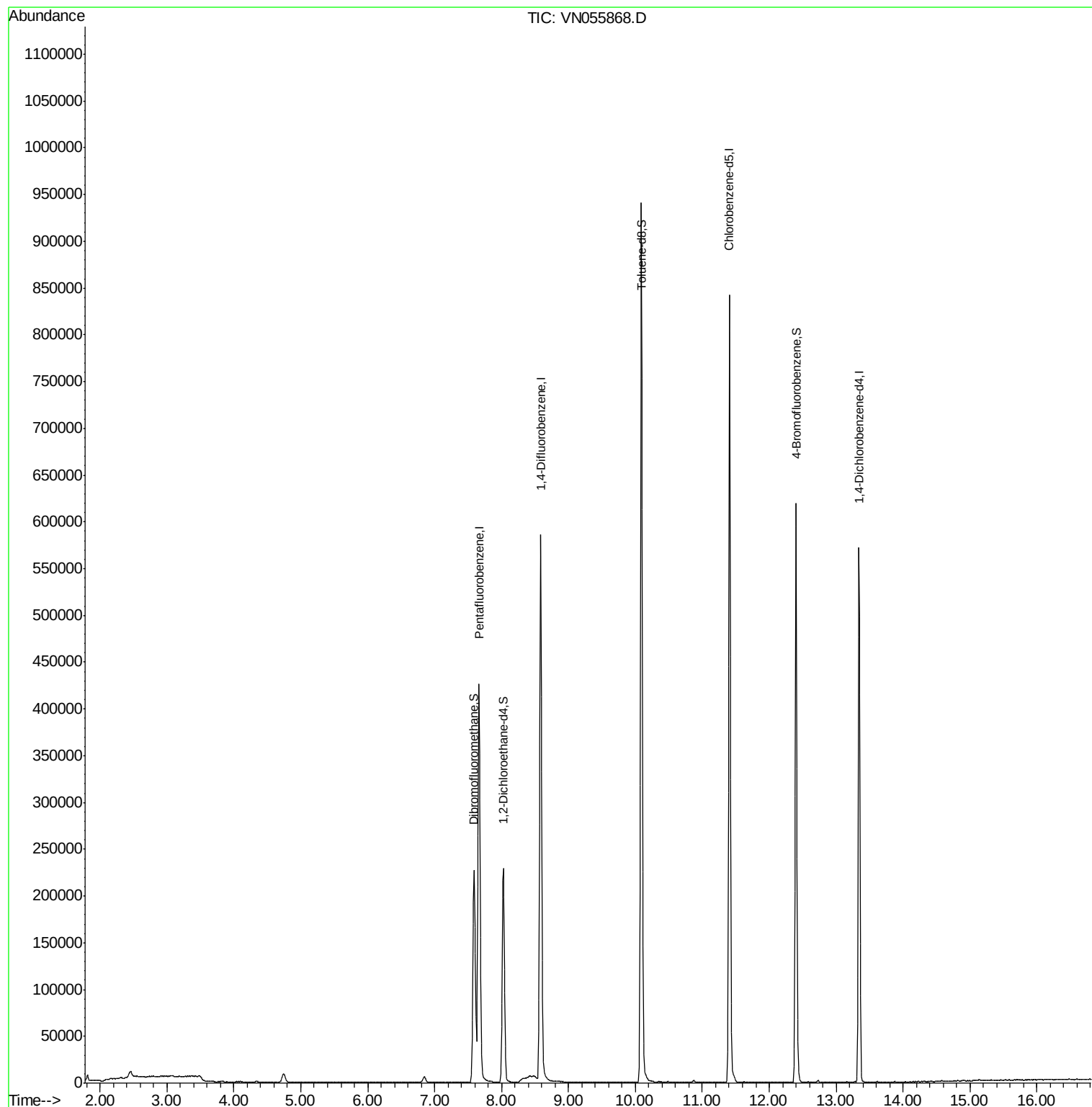
Target Compounds	Qvalue

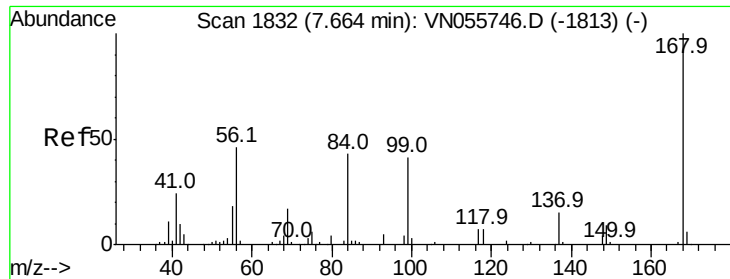
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055868.D

Acq: 29 May 2019 11:13

Instrument :

MSVOA_N

ClientSampleId :

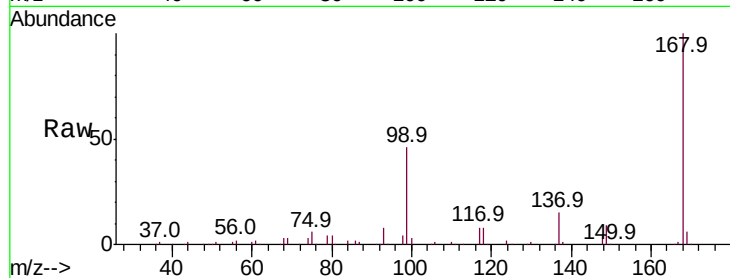
VN0529WBL02

Tot Ion:168 Resp: 411042

Ion Ratio Lower Upper

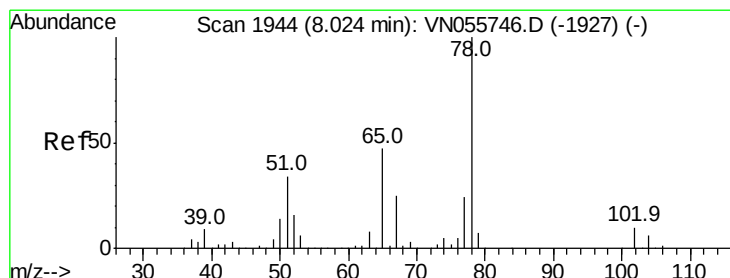
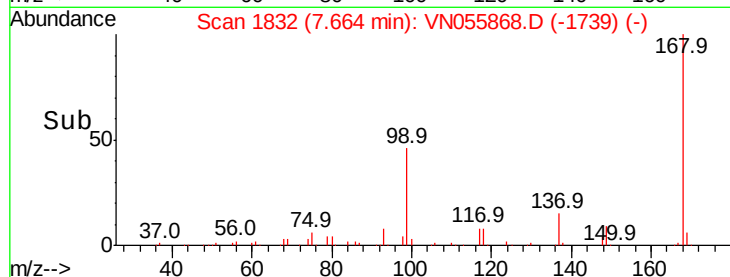
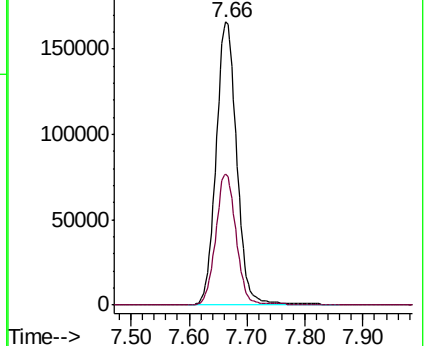
168 100

99 46.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 45.843 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055868.D

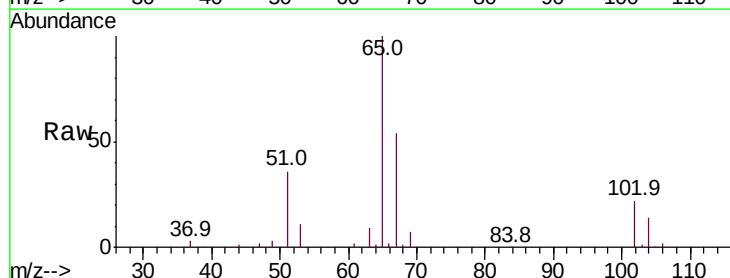
Acq: 29 May 2019 11:13

Tgt Ion: 65 Resp: 194598

Ion Ratio Lower Upper

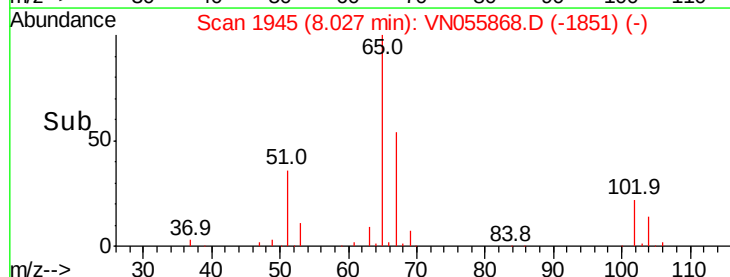
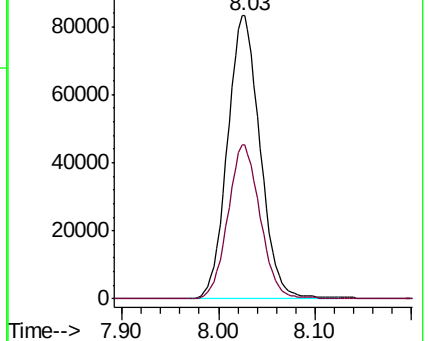
65 100

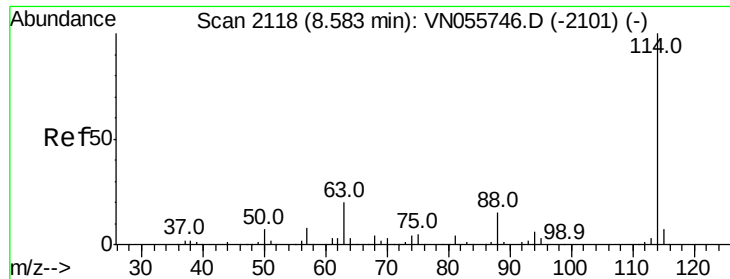
67 53.9 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

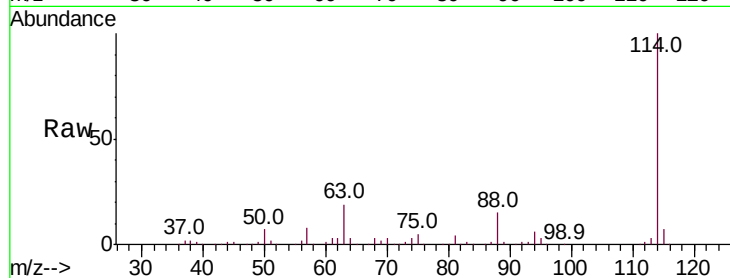




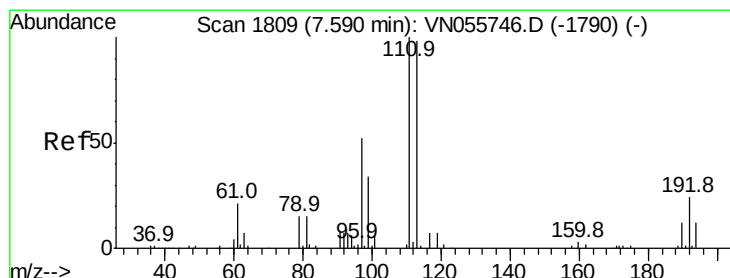
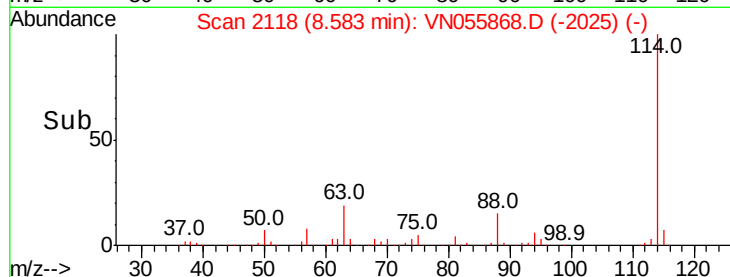
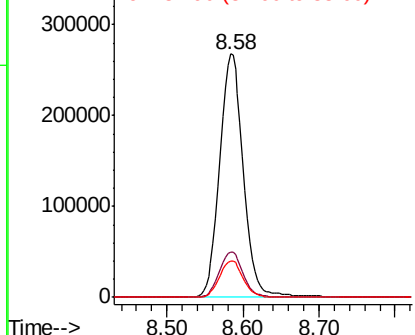
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055868.D
 Acq: 29 May 2019 11:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBL02

Tot Ion:114 Resp: 582164
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.1 0.0 31.0

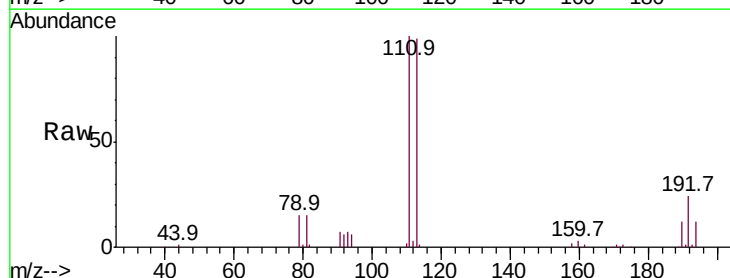


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

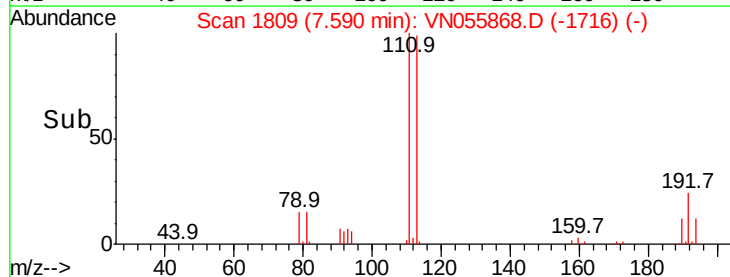
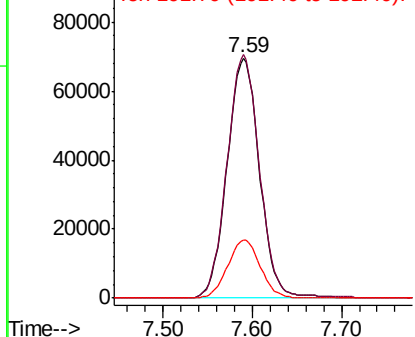


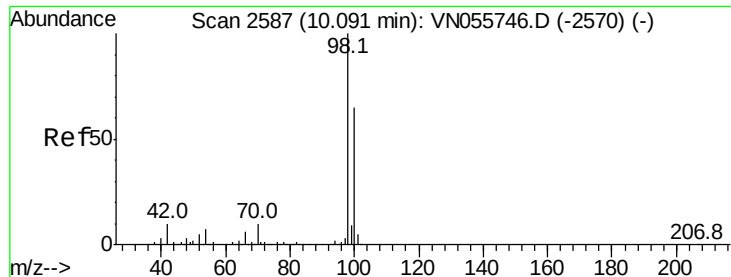
#35
 Dibromofluoromethane
 Concen: 47.532 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055868.D
 Acq: 29 May 2019 11:13

Tgt Ion:113 Resp: 174949
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.9 122.9
 192 24.3 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: 49.627 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055868.D

Acq: 29 May 2019 11:13

Instrument :

MSVOA_N

ClientSampleId :

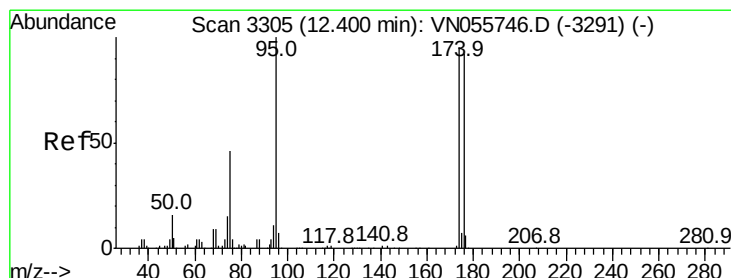
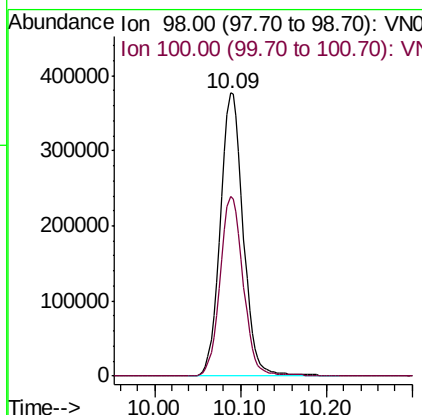
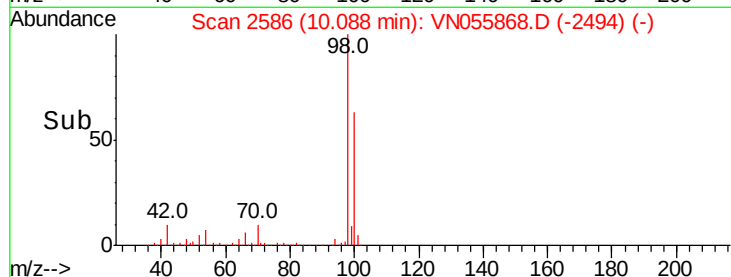
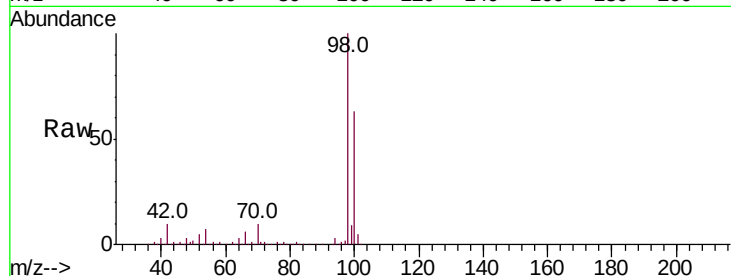
VN0529WBL02

Tot Ion: 98 Resp: 700667

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.967 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055868.D

Acq: 29 May 2019 11:13

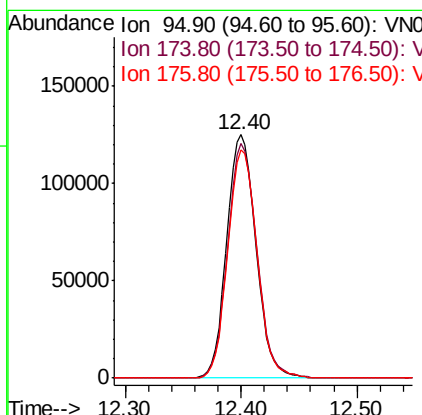
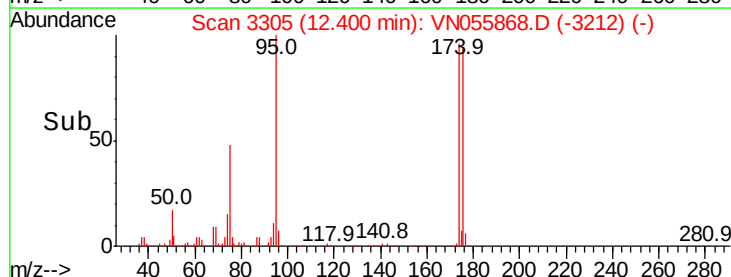
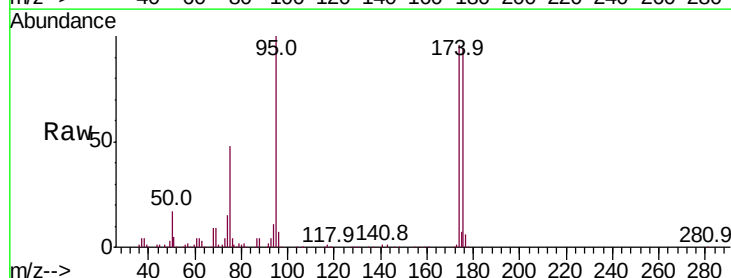
Tgt Ion: 95 Resp: 217690

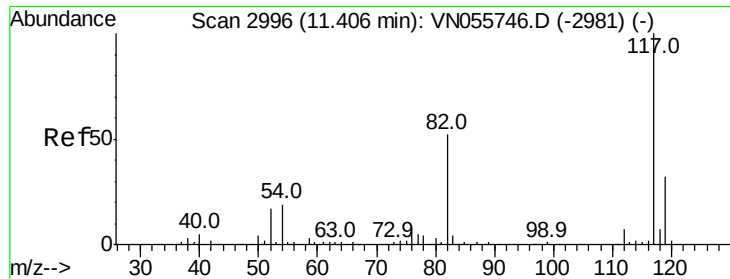
Ion Ratio Lower Upper

95 100

174 96.1 0.0 191.0

176 93.7 0.0 185.2

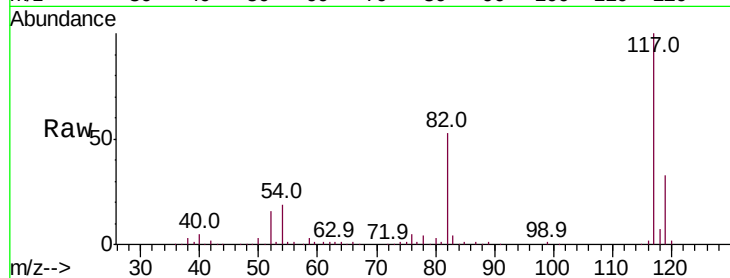




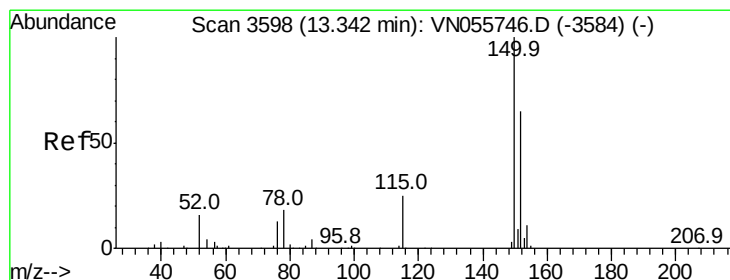
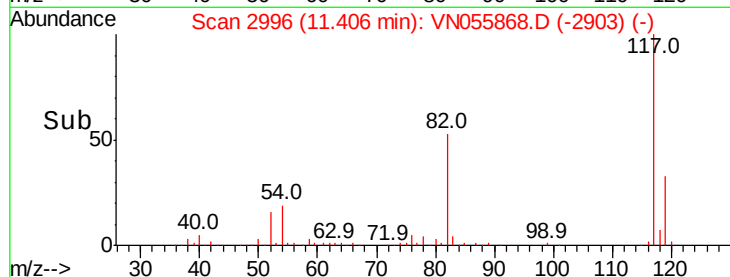
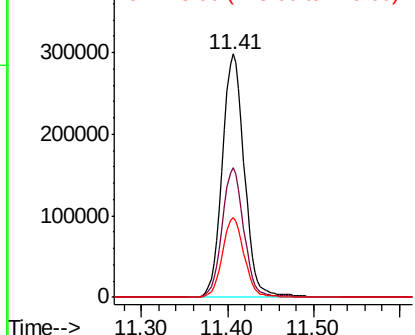
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055868.D
Acq: 29 May 2019 11:13

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBL02

Tot Ion:117 Resp: 532845
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.8
119 32.7 25.4 38.0

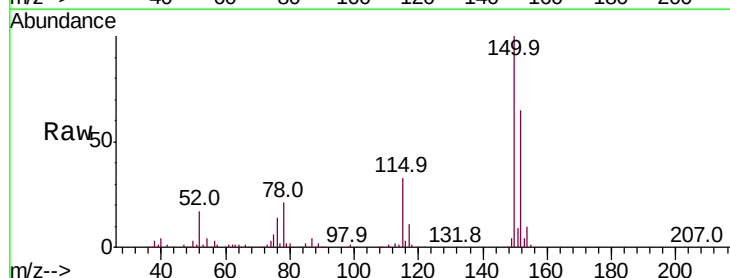


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055868.D
Acq: 29 May 2019 11:13

Tgt Ion:152 Resp: 176797
Ion Ratio Lower Upper
152 100
115 51.9 27.0 81.0
150 155.7 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

