

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052819\
 Data File : VN055854.D
 Acq On : 28 May 2019 15:46
 Operator : JC/SP
 Sample : K3073-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-1B

Quant Time: May 29 05:55:45 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

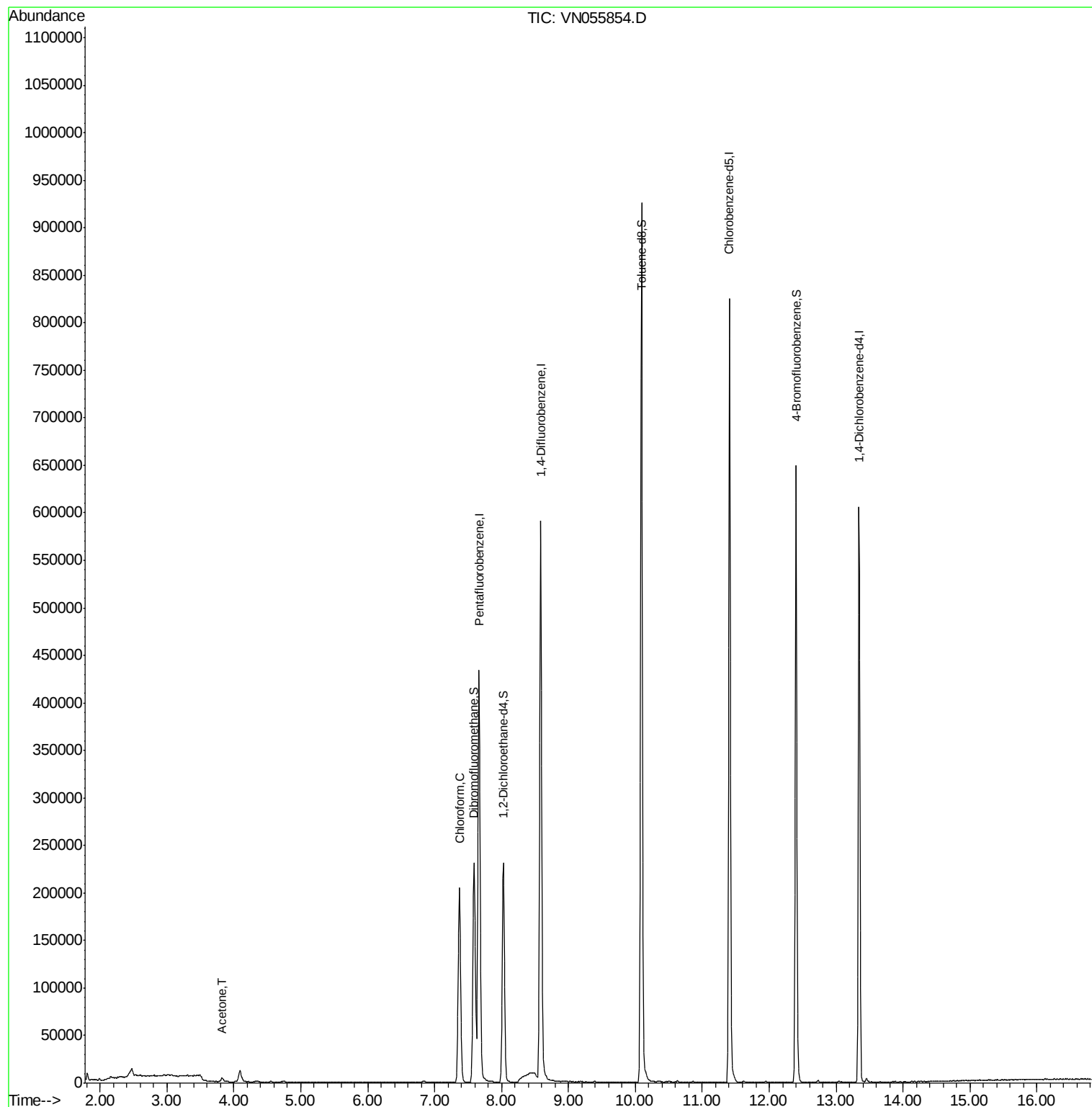
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	416648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	588910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	533117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	185718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	196931	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
35) Dibromofluoromethane	7.59	113	177450	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	10.09	98	696599	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.40	95	223420	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
Target Compounds						
16) Acetone	3.82	43	6712	3.549	ug/l	99
30) Chloroform	7.37	83	220849	32.193	ug/l	98

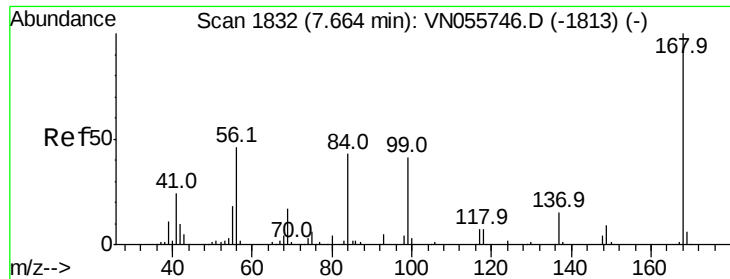
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055854.D

Acq: 28 May 2019 15:46

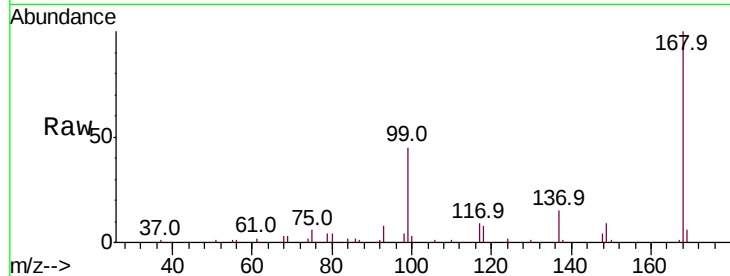
Instrument :
MSVOA_N
ClientSampleId :
TWP-1B

Tot Ion:168 Resp: 416648

Ion Ratio Lower Upper

168 100

99 45.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

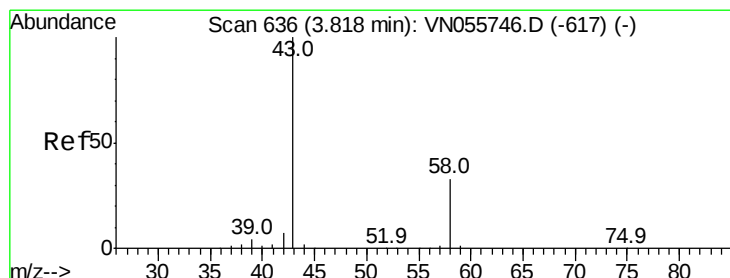
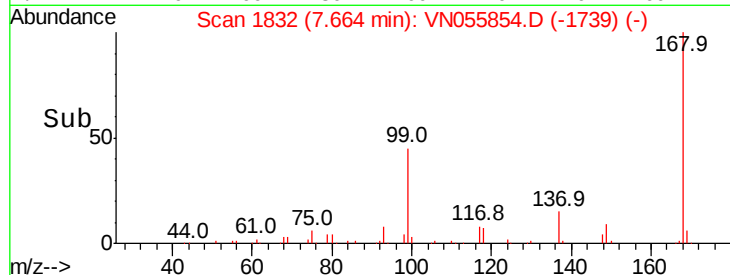
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 3.549 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055854.D

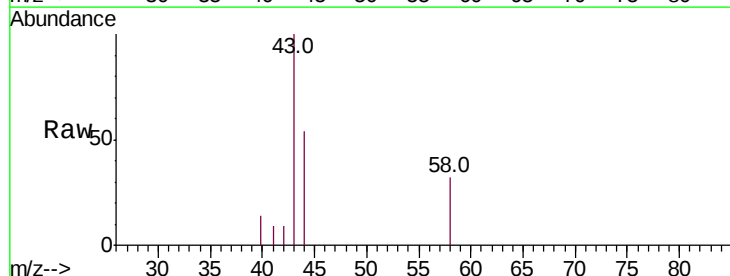
Acq: 28 May 2019 15:46

Tgt Ion: 43 Resp: 6712

Ion Ratio Lower Upper

43 100

58 32.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

2500

2000

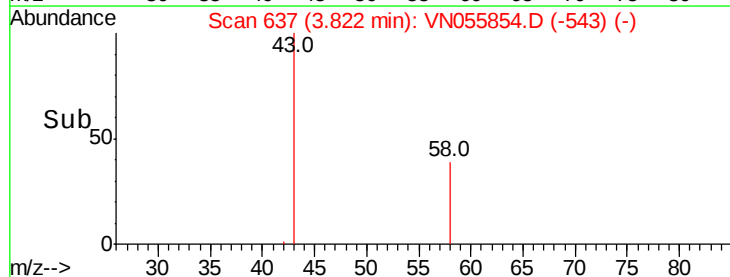
1500

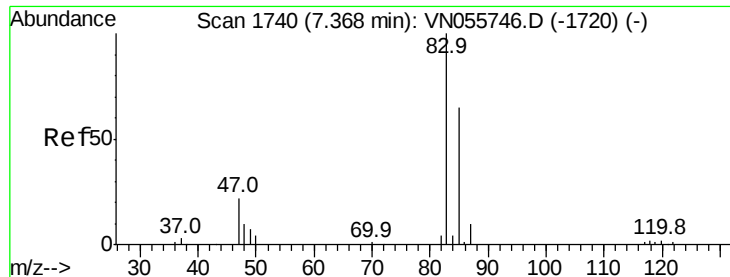
1000

500

0

Time--> 3.75 3.80 3.85 3.90

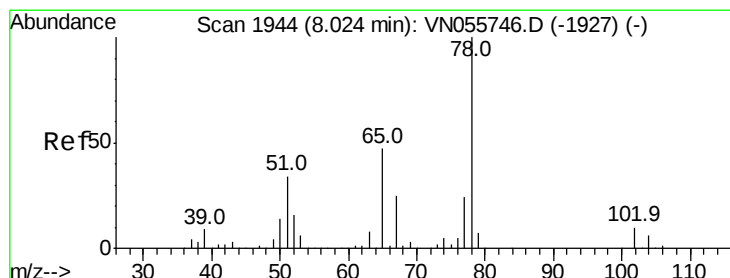
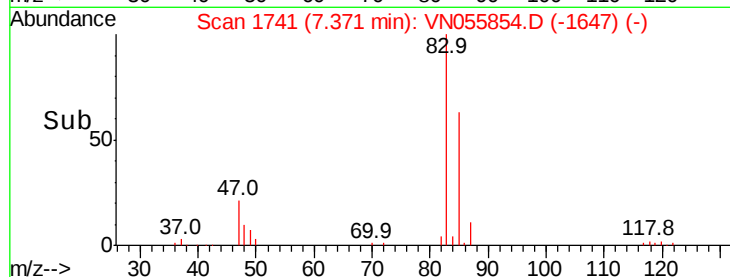
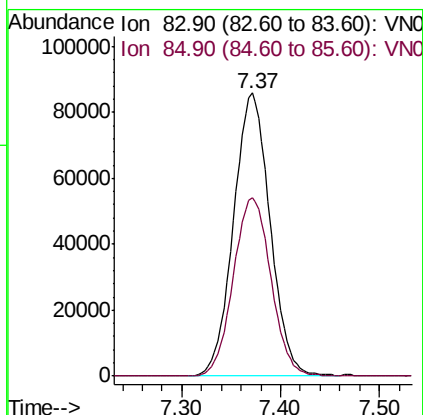
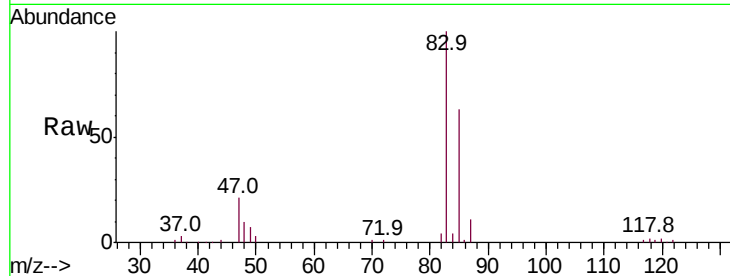




#30
Chloroform
Concen: 32.193 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055854.D
Acq: 28 May 2019 15:46

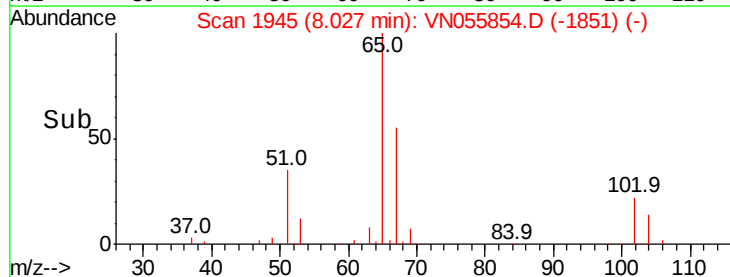
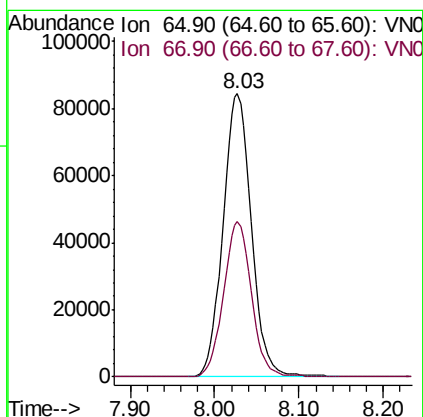
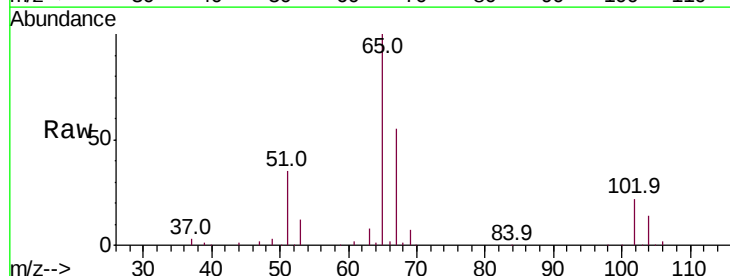
Instrument :
MSVOA_N
ClientSampleId :
TWP-1B

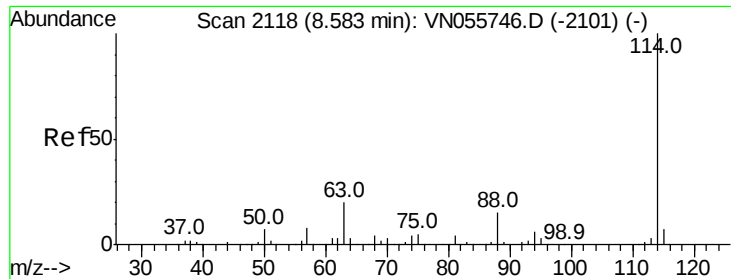
Tot Ion: 83 Resp: 220849
Ion Ratio Lower Upper
83 100
85 63.0 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 45.768 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055854.D
Acq: 28 May 2019 15:46

Tgt Ion: 65 Resp: 196931
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.2

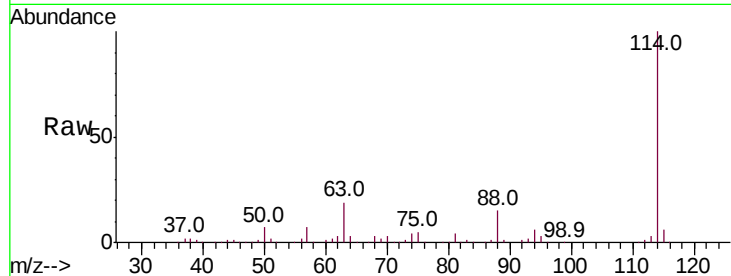




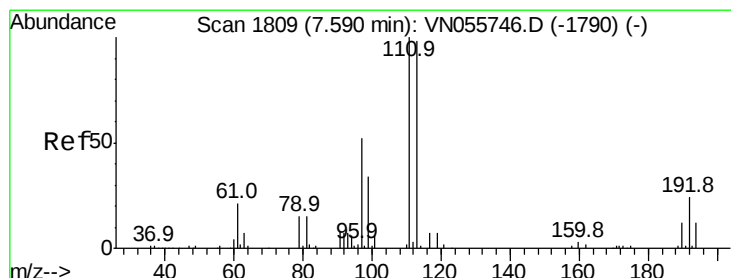
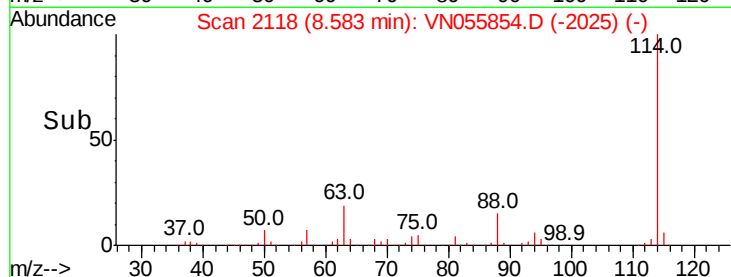
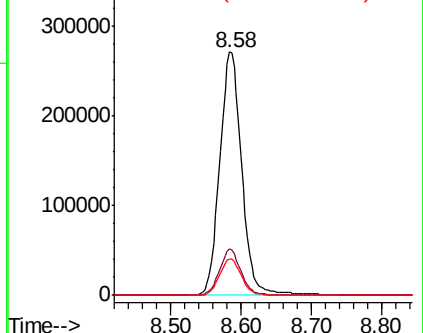
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055854.D
 Acq: 28 May 2019 15:46

Instrument :
 MSVOA_N
 ClientSampled :
 TWP-1B

Tot Ion:114 Resp: 588910
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.1 0.0 31.0

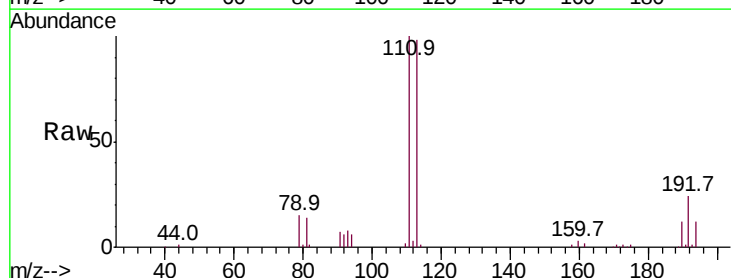


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

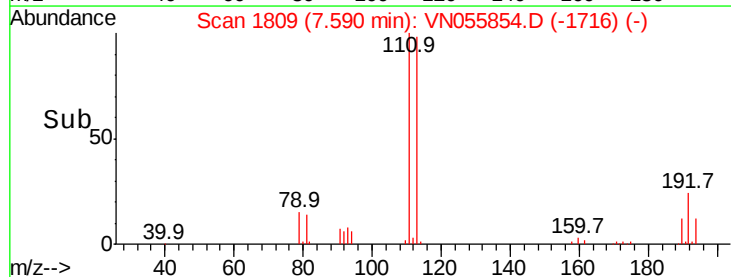
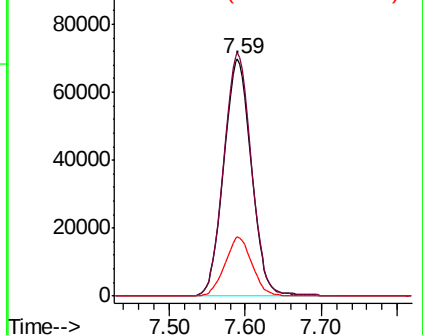


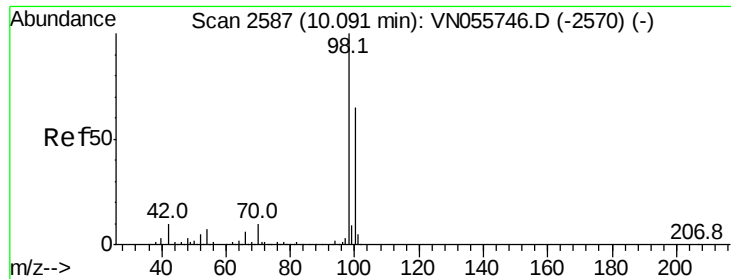
#35
 Dibromofluoromethane
 Concen: 47.659 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055854.D
 Acq: 28 May 2019 15:46

Tgt Ion:113 Resp: 177450
 Ion Ratio Lower Upper
 113 100
 111 102.4 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: 48.774 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055854.D

Acq: 28 May 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

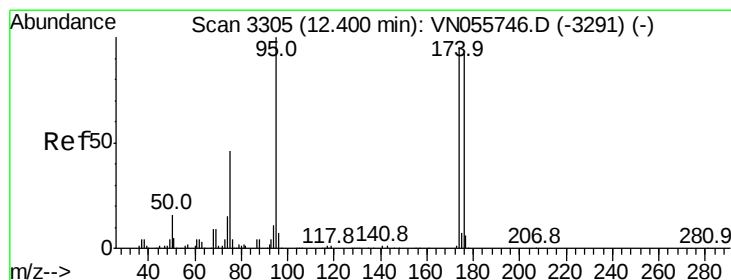
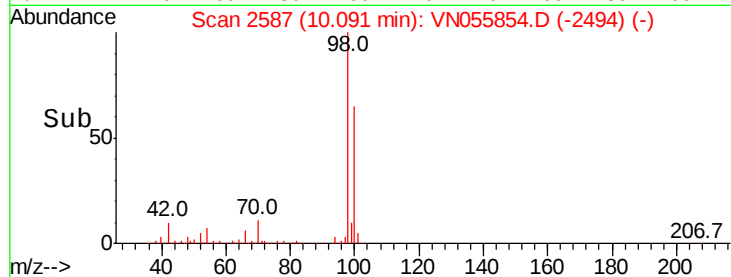
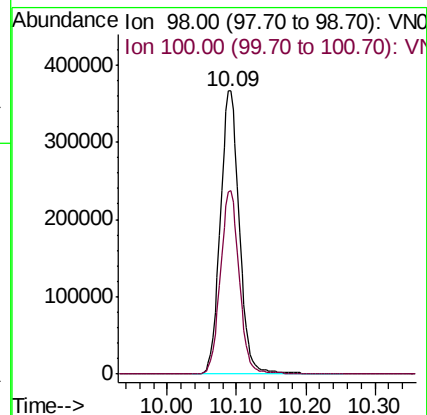
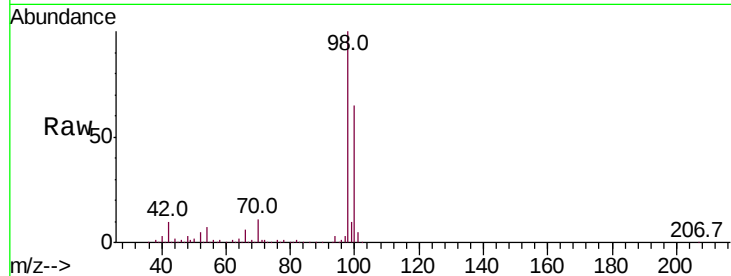
TWP-1B

Tot Ion: 98 Resp: 696599

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.622 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055854.D

Acq: 28 May 2019 15:46

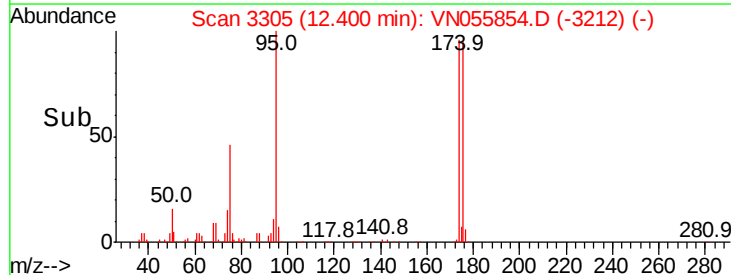
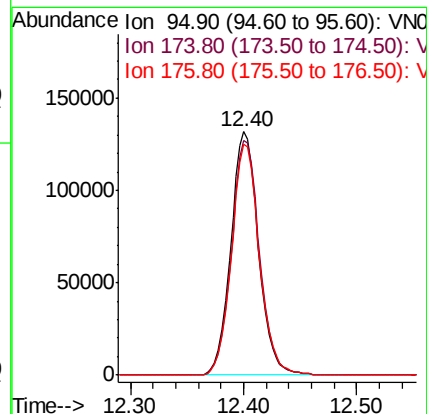
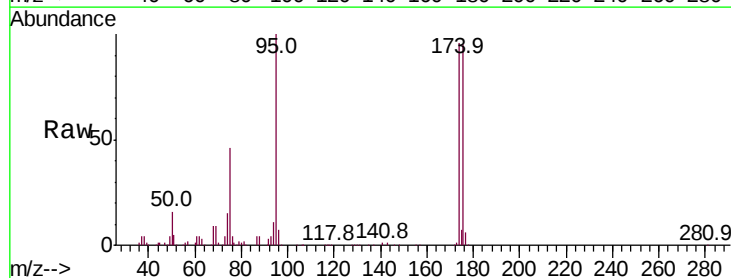
Tgt Ion: 95 Resp: 223420

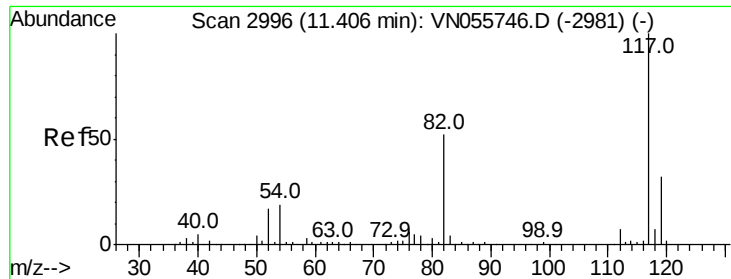
Ion Ratio Lower Upper

95 100

174 97.8 0.0 191.0

176 95.4 0.0 185.2

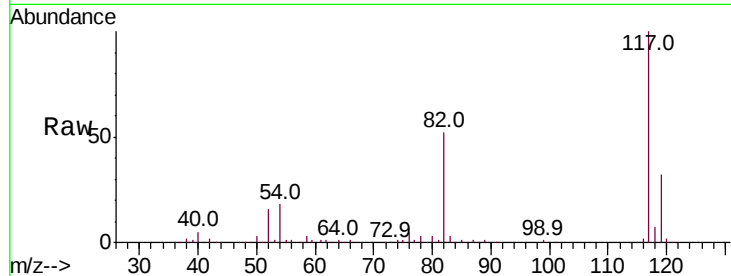




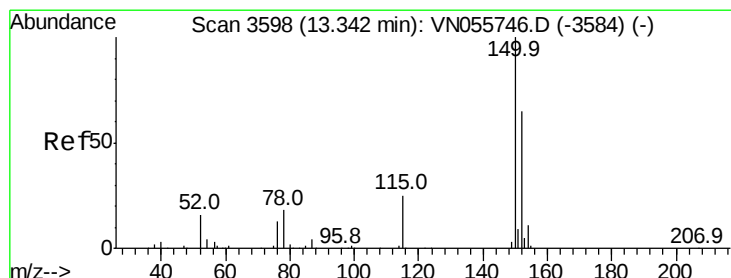
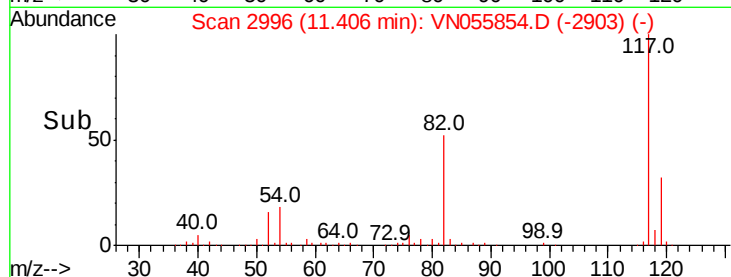
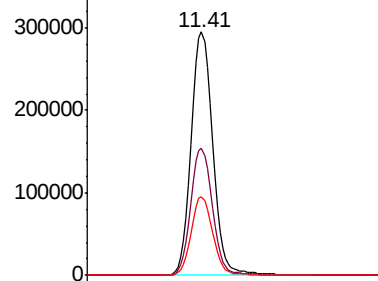
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055854.D
Acq: 28 May 2019 15:46

Instrument :
MSVOA_N
ClientSampled :
TWP-1B

Tot Ion:117 Resp: 533117
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.8
119 32.4 25.4 38.0

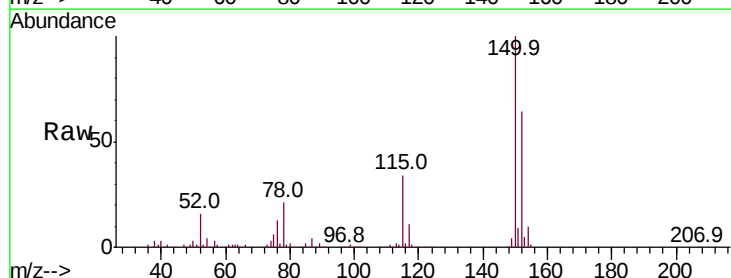


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055854.D
Acq: 28 May 2019 15:46

Tgt Ion:152 Resp: 185718
Ion Ratio Lower Upper
152 100
115 52.7 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

