

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
 Data File : VN056862.D
 Acq On : 22 Jul 2019 18:35
 Operator : JC/SP
 Sample : PB121556ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556ZHE#02

Quant Time: Jul 23 03:22:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

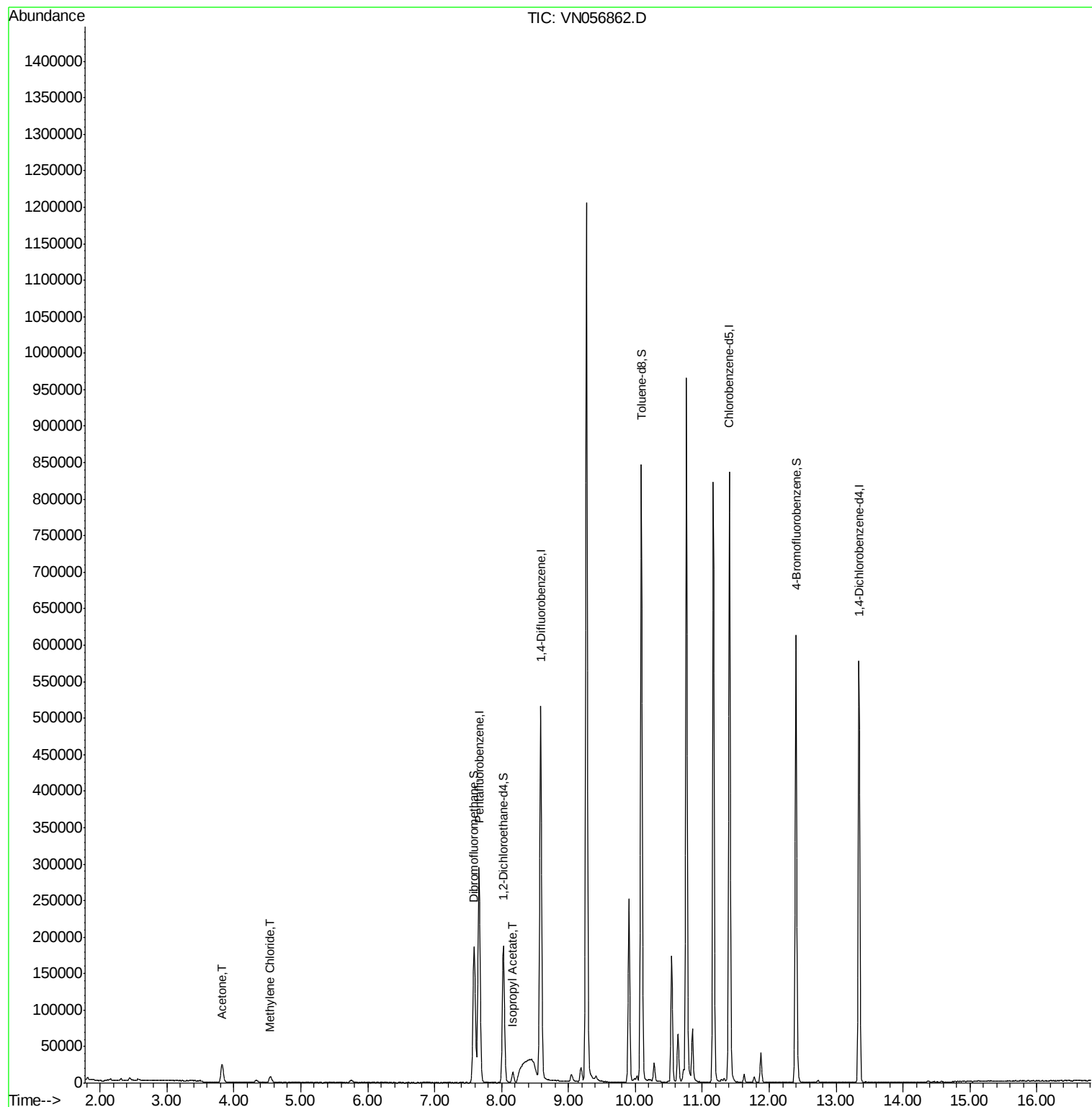
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	260240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	477673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	522109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	155452	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.00%	
35) Dibromofluoromethane	7.59	113	144614	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
50) Toluene-d8	10.09	98	615482	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.40	95	220044	58.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.10%	
Target Compounds						
16) Acetone	3.82	43	43703	43.720	ug/l	94
20) Methylene Chloride	4.55	84	6571	2.198	ug/l #	83
43) Isopropyl Acetate	8.17	43	17375	2.845	ug/l	97

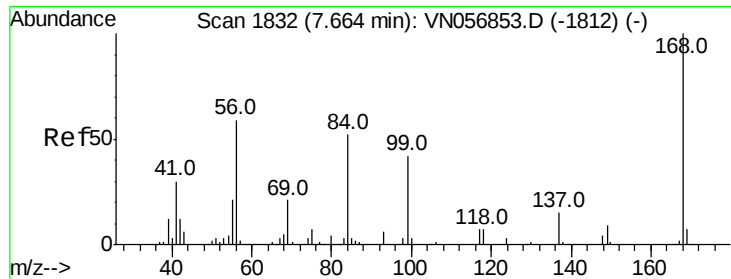
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072219\
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Quant Title : SW846 8260
QLast Update : Tue Jul 23 01:46:34 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: VN056862.D

Acq: 22 Jul 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

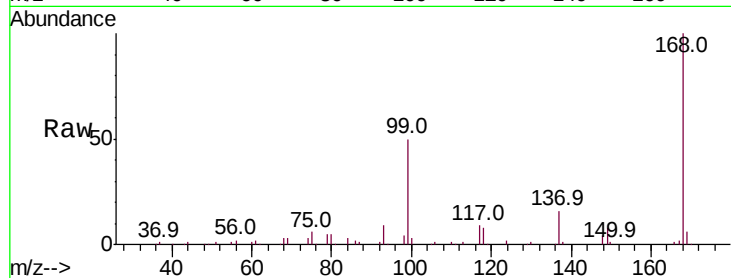
PB121556ZHE#02

Tot Ion:168 Resp: 260240

Ion Ratio Lower Upper

168 100

99 50.0 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

120000

100000

80000

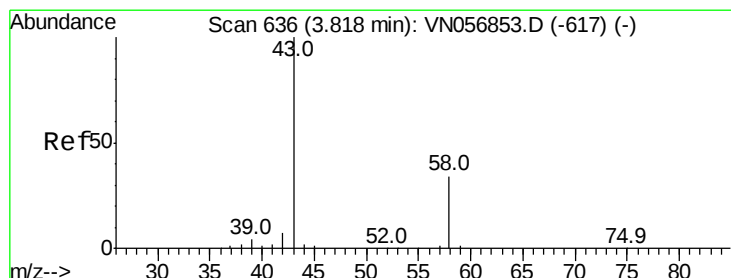
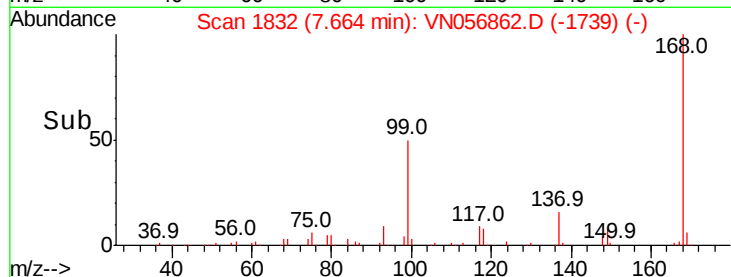
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 43.720 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056862.D

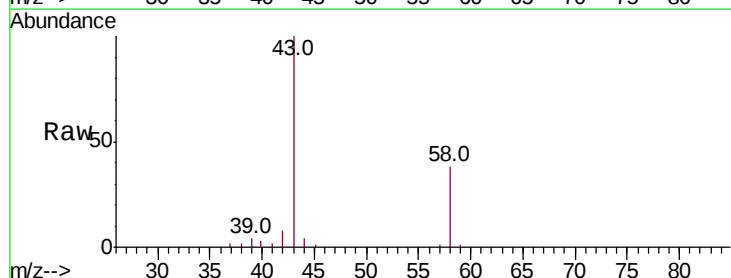
Acq: 22 Jul 2019 18:35

Tgt Ion: 43 Resp: 43703

Ion Ratio Lower Upper

43 100

58 37.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

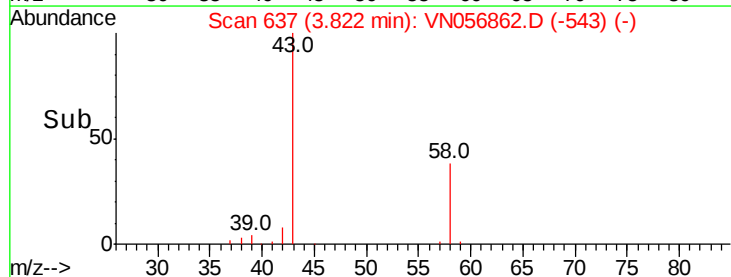
15000

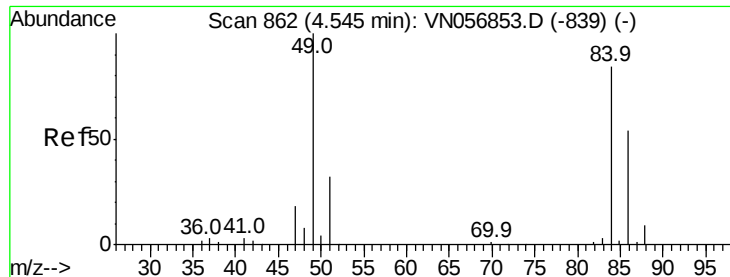
10000

5000

0

Time-->

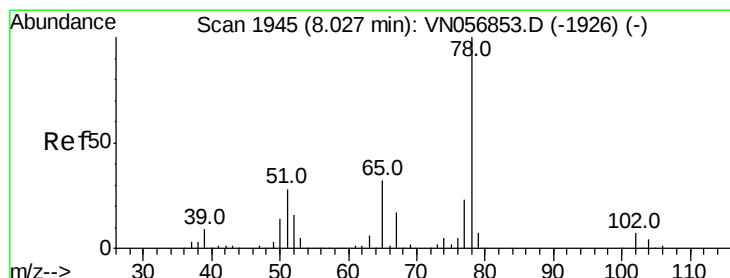
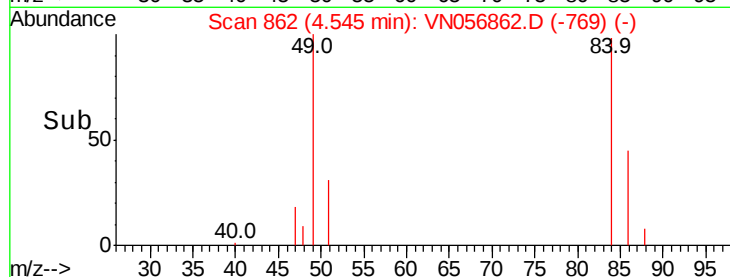
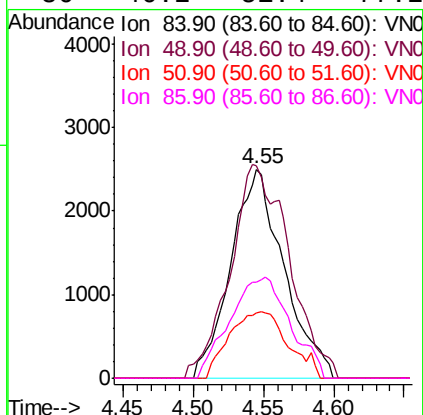
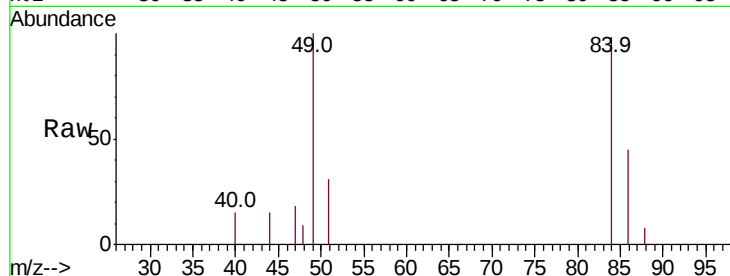




#20
Methvlene Chloride
Concen: 2.198 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056862.D
Acq: 22 Jul 2019 18:35

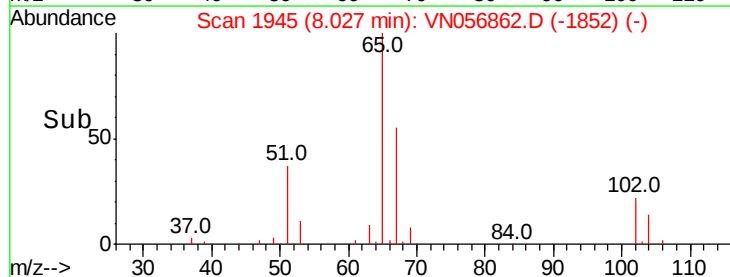
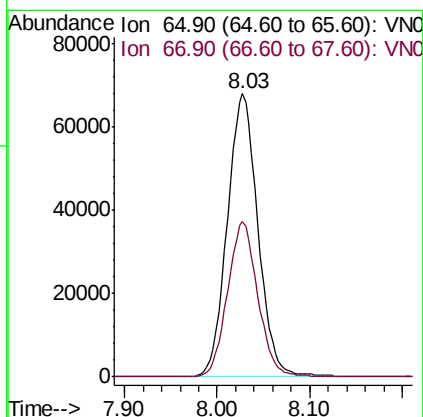
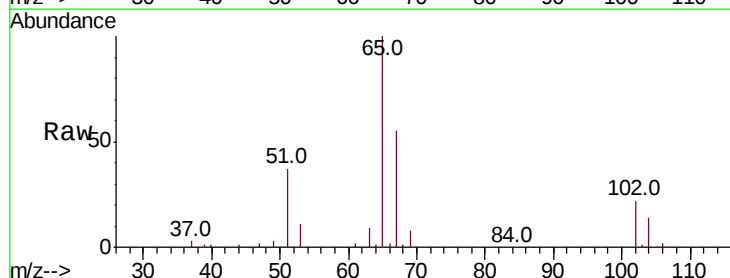
Instrument :
MSVOA_N
ClientSampleId :
PB121556ZHE#02

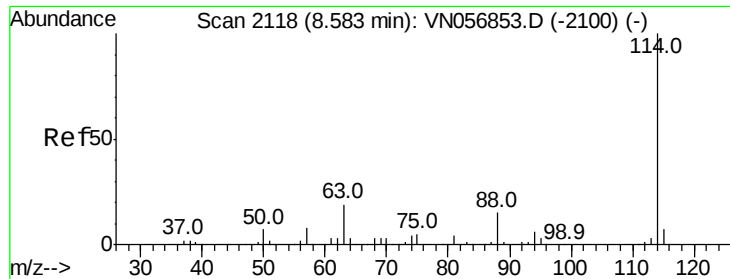
Tot Ion: 84 Resp: 6571
Ion Ratio Lower Upper
84 100
49 101.8 94.9 142.3
51 31.3 29.9 44.9
86 46.2 51.4 77.2#



#33
1,2-Dichloroethane-d4
Concen: 56.002 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056862.D
Acq: 22 Jul 2019 18:35

Tgt Ion: 65 Resp: 155452
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.6

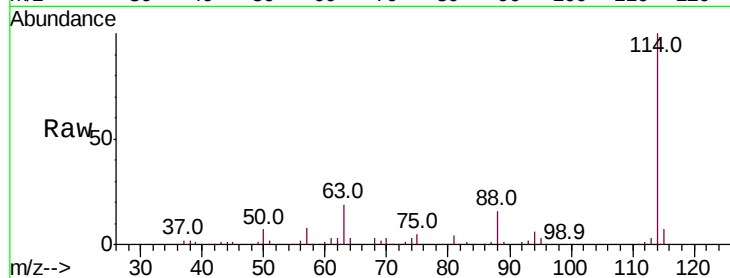




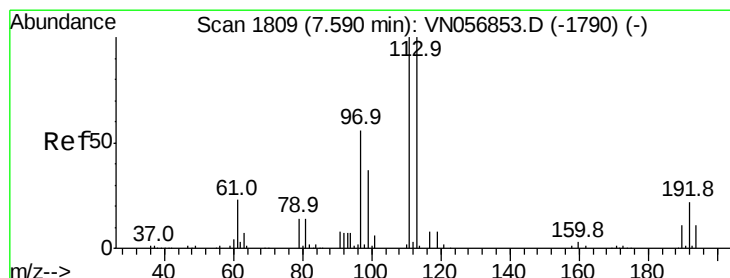
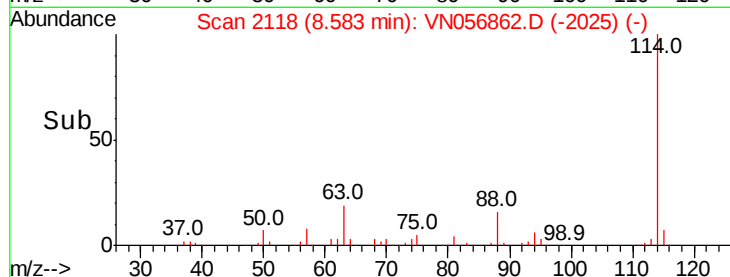
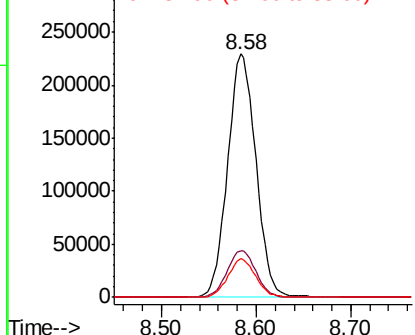
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056862.D
 Acq: 22 Jul 2019 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556ZHE#02

Tot Ion:114 Resp: 477673
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.8
 88 15.7 0.0 31.0

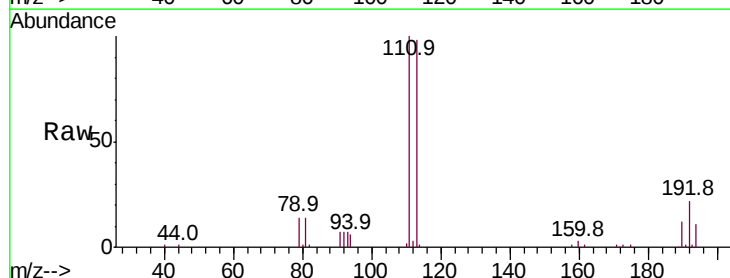


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

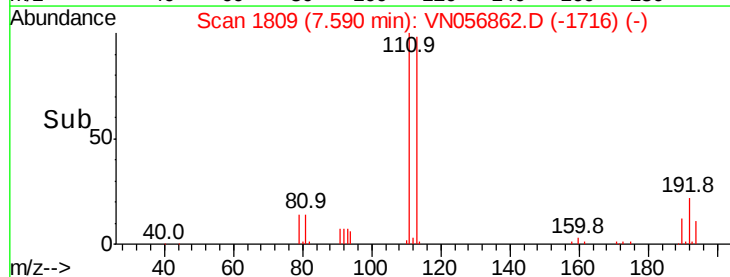
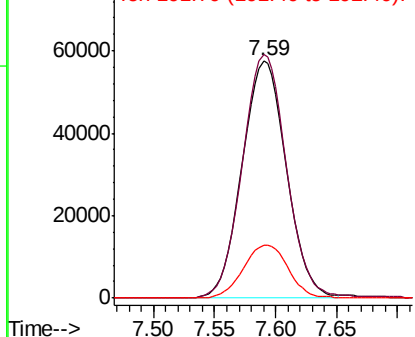


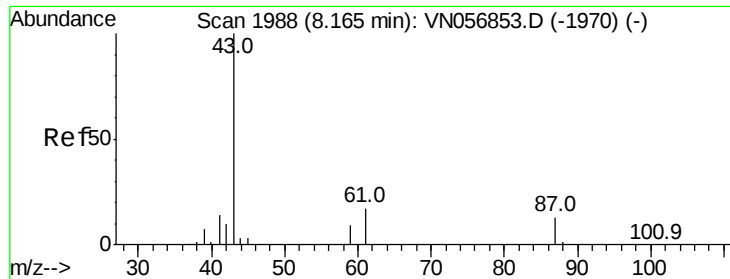
#35
 Dibromofluoromethane
 Concen: 47.764 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056862.D
 Acq: 22 Jul 2019 18:35

Tgt Ion:113 Resp: 144614
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 22.7 18.5 27.7



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





#43

Isopropyl Acetate

Concen: 2.845 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#02

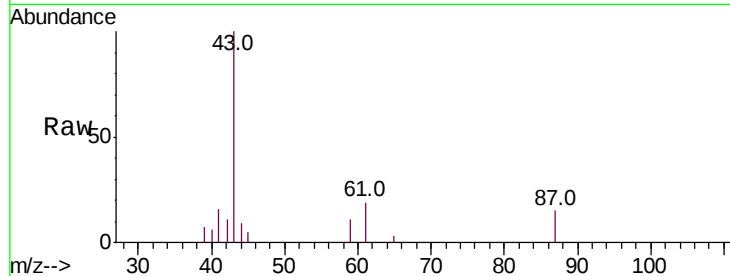
Tot Ion: 43 Resp: 17375

Ion Ratio Lower Upper

43 100

61 20.2 17.8 26.6

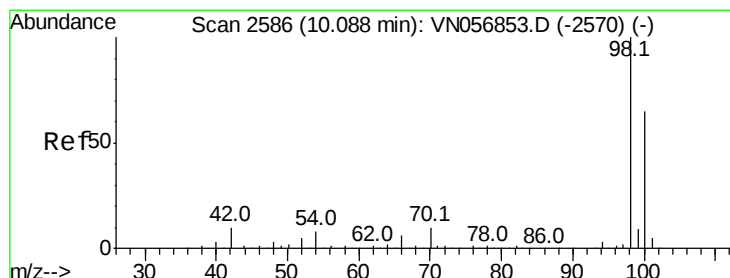
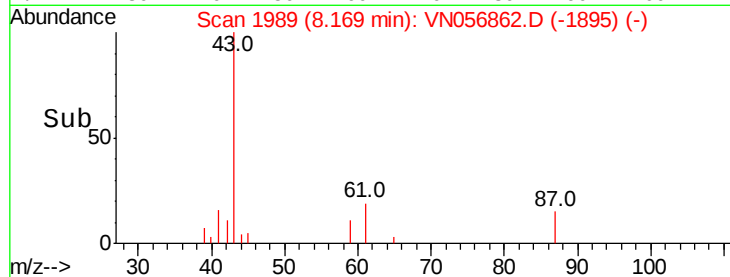
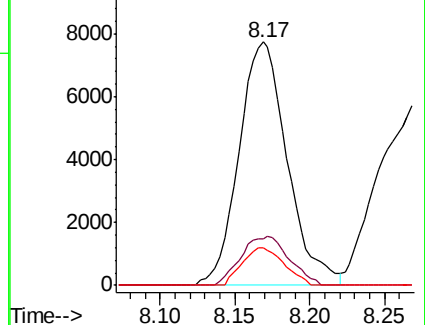
87 13.5 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056853.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056853.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056853.D (-1970) (-)



#50

Toluene-d8

Concen: 53.136 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056862.D

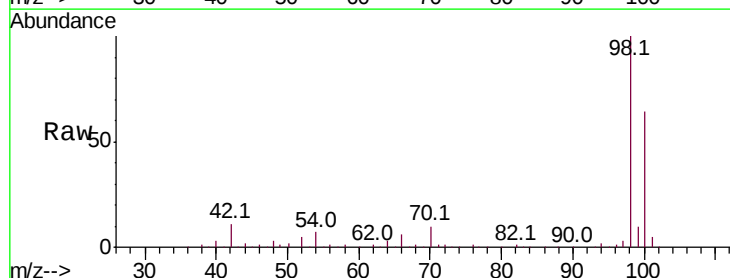
Acq: 22 Jul 2019 18:35

Tgt Ion: 98 Resp: 615482

Ion Ratio Lower Upper

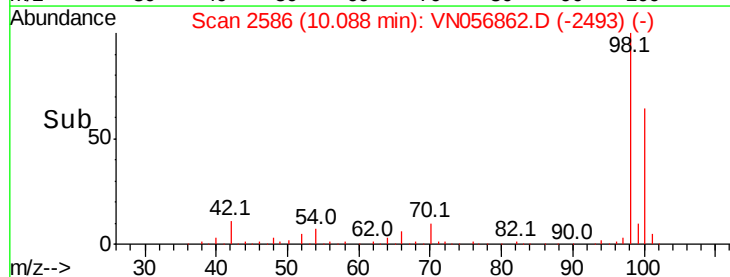
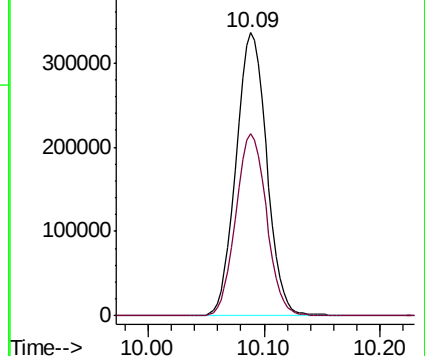
98 100

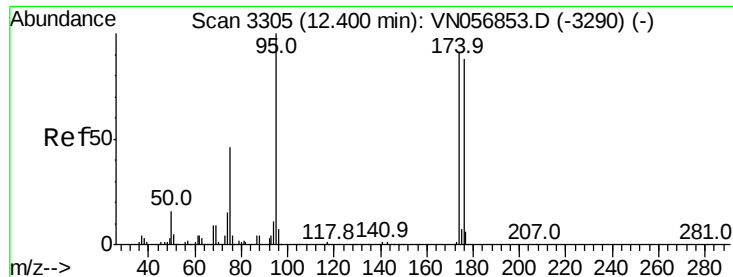
100 64.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN056853.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056853.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 58.049 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#02

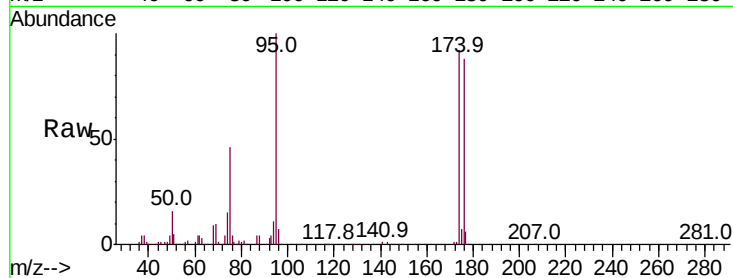
Tot Ion: 95 Resp: 220044

Ion Ratio Lower Upper

95 100

174 91.6 0.0 183.4

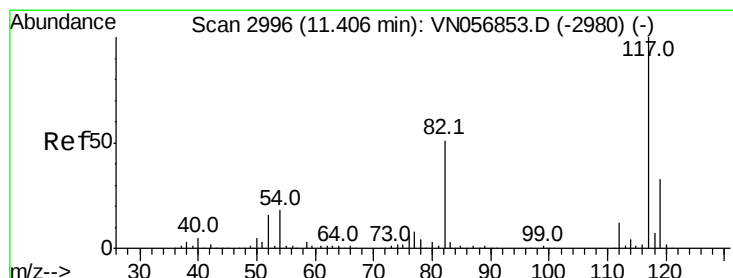
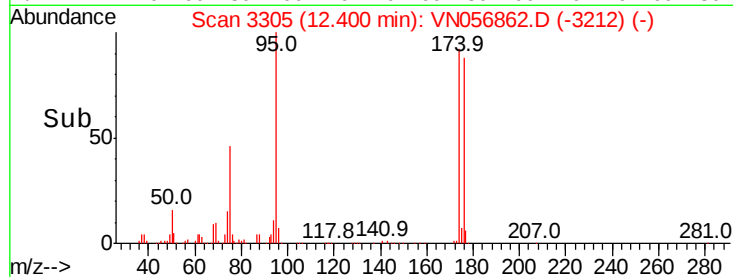
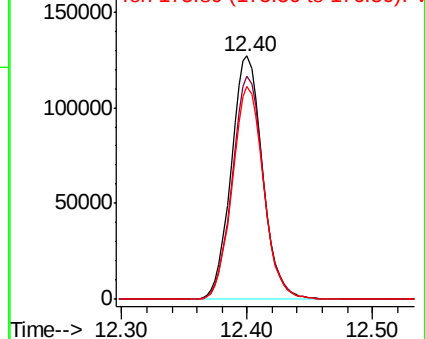
176 87.4 0.0 175.8



Abundance Ion 94.90 (94.60 to 95.60): VN056853.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN056853.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN056853.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

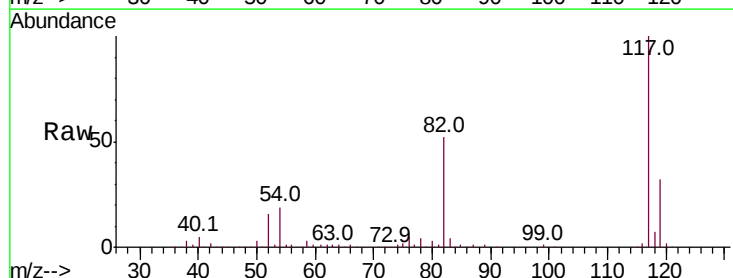
Tgt Ion: 117 Resp: 522109

Ion Ratio Lower Upper

117 100

82 52.0 41.2 61.8

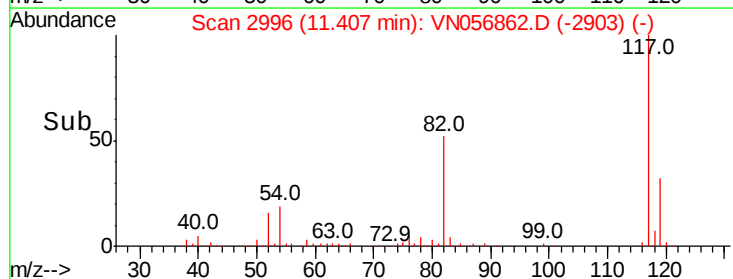
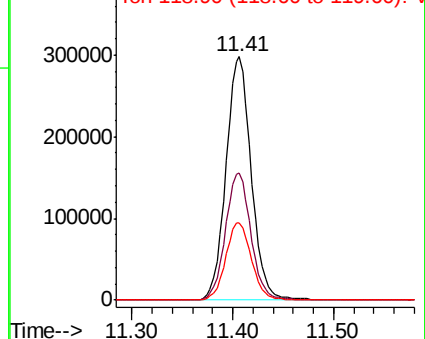
119 31.6 26.4 39.6

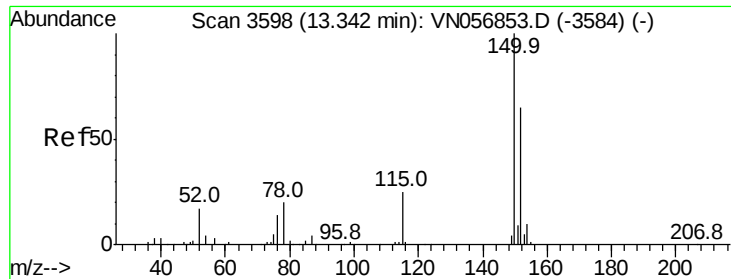


Abundance Ion 116.90 (116.60 to 117.60): VN056853.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN056853.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN056853.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#02

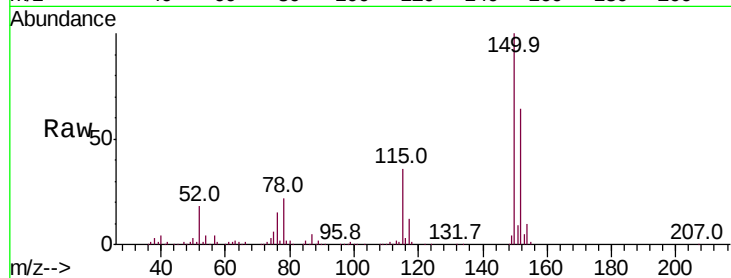
Tot Ion:152 Resp: 175894

Ion Ratio Lower Upper

152 100

115 55.4 27.6 82.7

150 155.8 0.0 343.0



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

