

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062868.D
 Acq On : 12 Aug 2020 19:49
 Operator : JC/MD
 Sample : PB130904ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130904ZHE#07

Quant Time: Aug 13 06:33:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

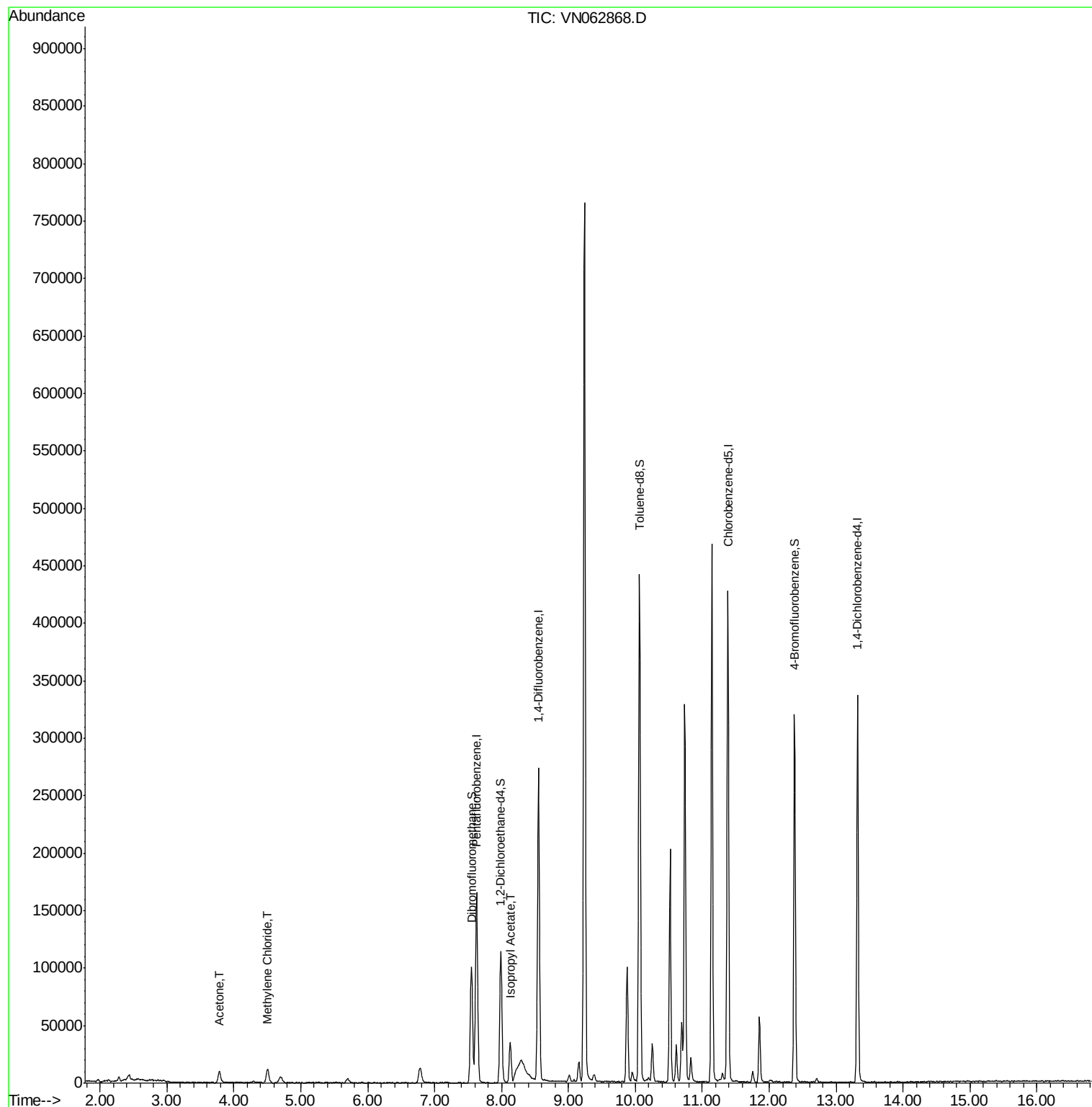
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	124660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	229616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	234950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	108315	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
35) Dibromofluoromethane	7.55	113	76454	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	10.06	98	299756	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.38	95	111788	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
Target Compounds						
16) Acetone	3.78	43	17666	23.716	ug/l	98
20) Methylene Chloride	4.51	84	8547	5.595	ug/l	89
43) Isopropyl Acetate	8.13	43	40383	10.366	ug/l	98

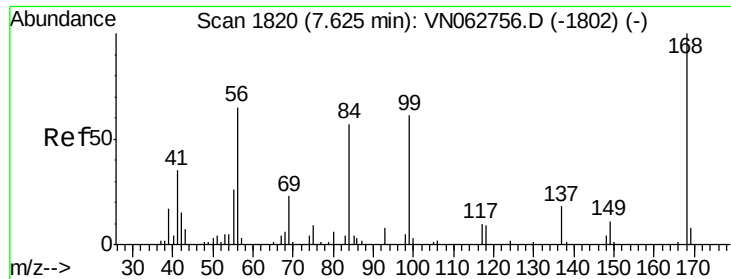
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081220\
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

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Acq: 12 Aug 2020 19:49

Instrument :

MSVOA_N

ClientSampleId :

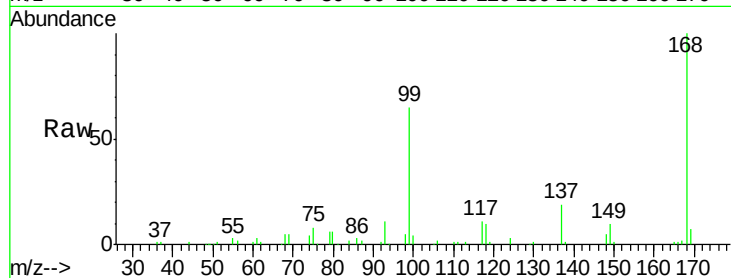
PB130904ZHE#07

Tot Ion:168 Resp: 124660

Ion Ratio Lower Upper

168 100

99 65.4 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

60000

50000

40000

30000

20000

10000

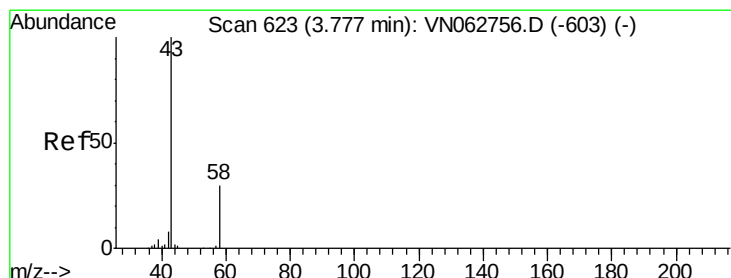
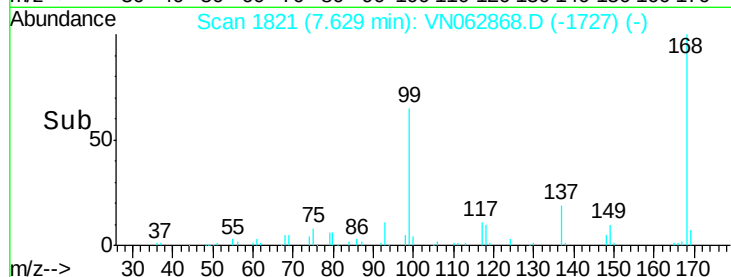
0

7.50

7.60

7.70

Time-->



#16

Acetone

Concen: 23.716 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062868.D

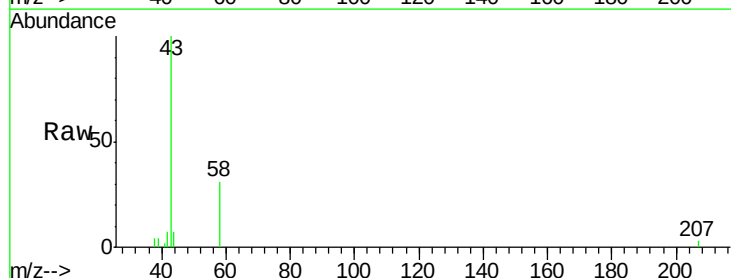
Acq: 12 Aug 2020 19:49

Tgt Ion: 43 Resp: 17666

Ion Ratio Lower Upper

43 100

58 31.3 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

8000

6000

4000

2000

0

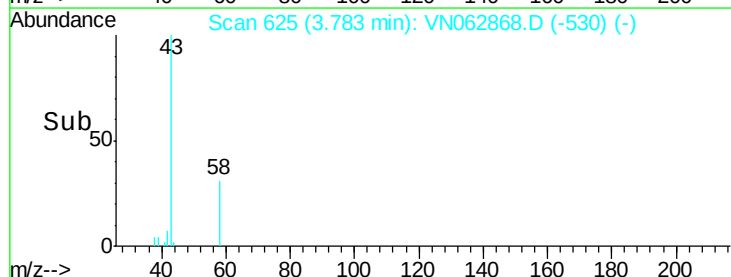
3.70

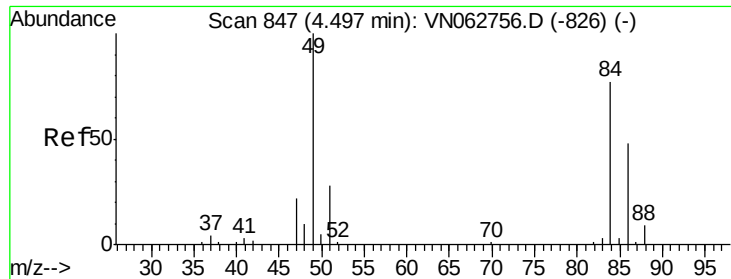
3.75

3.80

3.85

Time-->

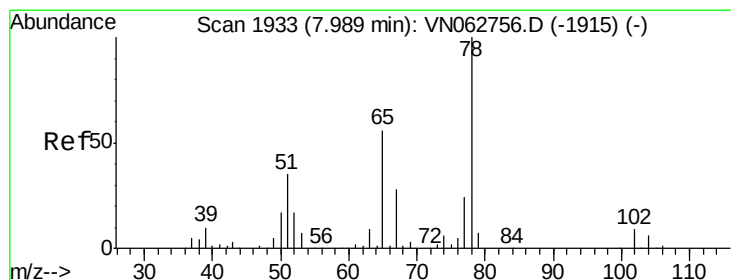
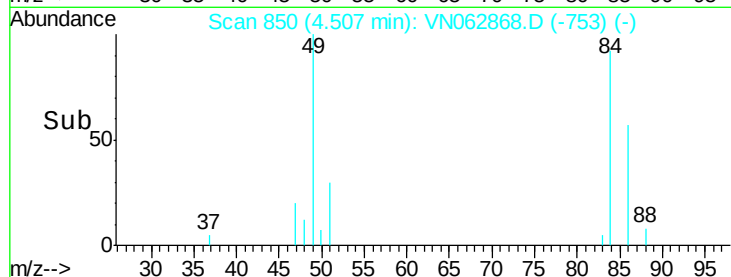
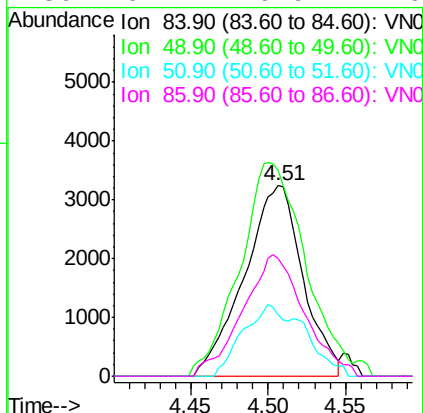
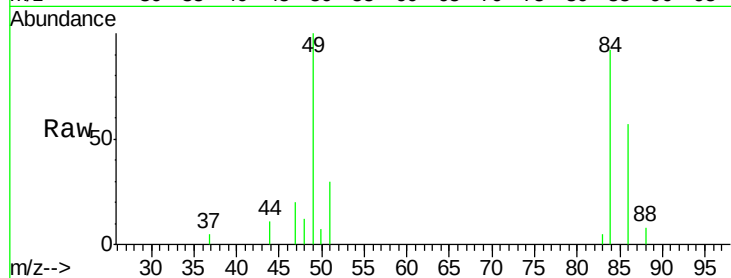




#20
Methvlene Chloride
Concen: 5.595 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062868.D
Acq: 12 Aug 2020 19:49

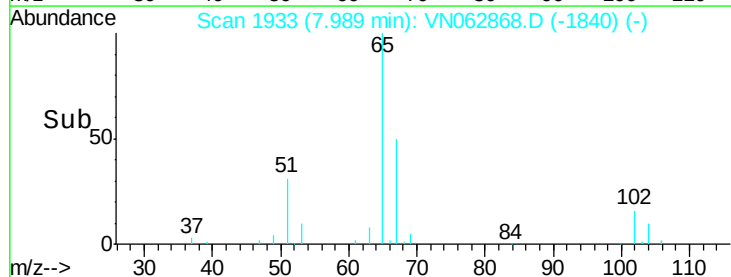
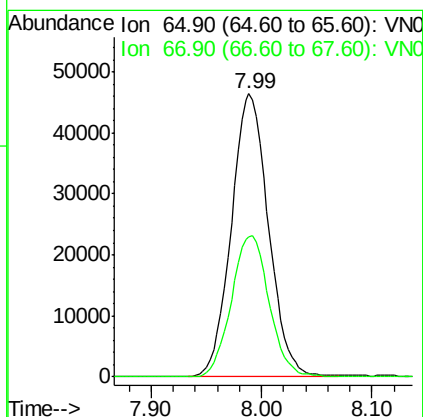
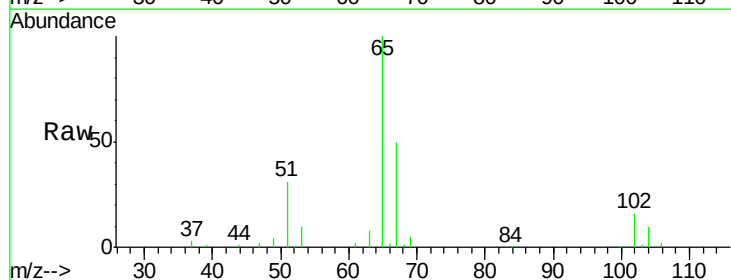
Instrument :
MSVOA_N
ClientSampleId :
PB130904ZHE#07

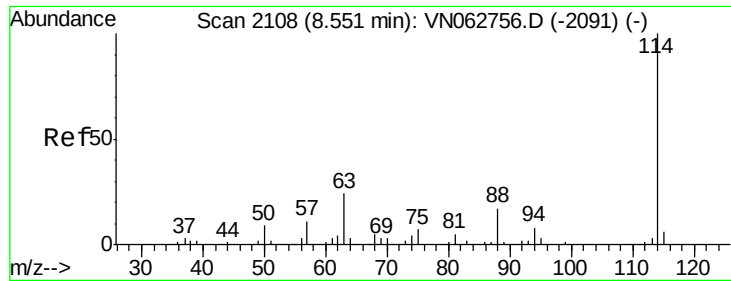
Tot Ion: 84 Resp: 8547
Ion Ratio Lower Upper
84 100
49 108.4 103.4 155.2
51 32.6 29.3 43.9
86 62.2 49.9 74.9



#33
1,2-Dichloroethane-d4
Concen: 52.542 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062868.D
Acq: 12 Aug 2020 19:49

Tgt Ion: 65 Resp: 108315
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.4

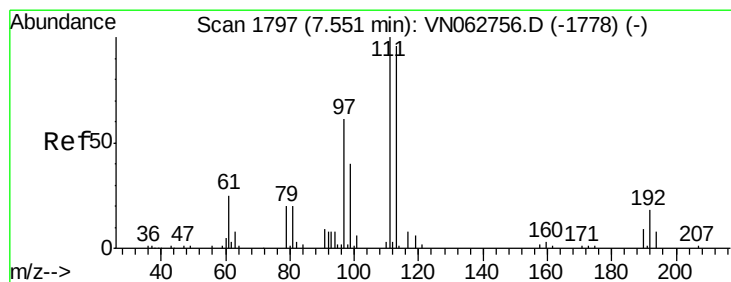
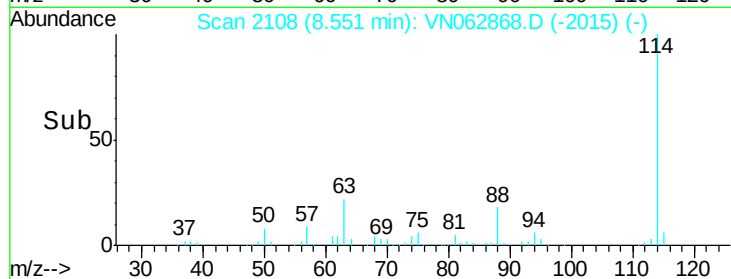
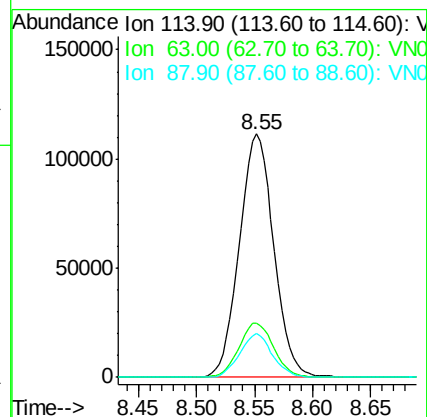
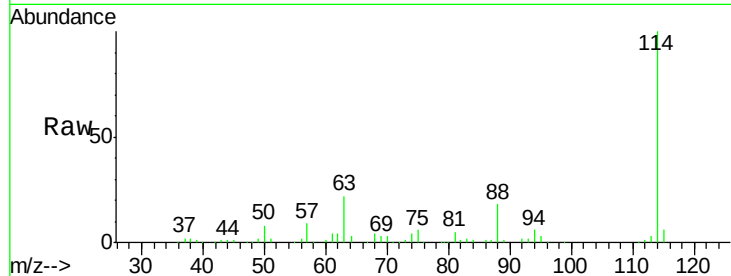




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062868.D
 Acq: 12 Aug 2020 19:49

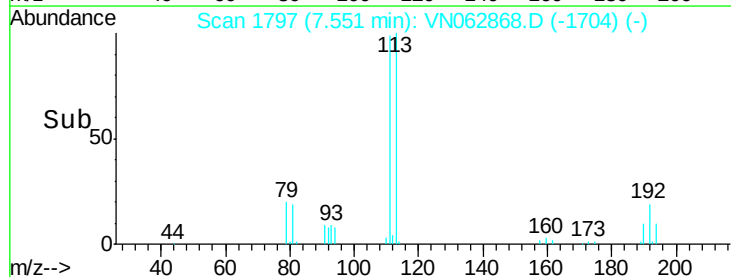
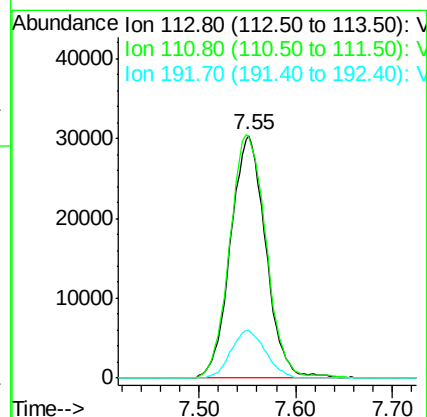
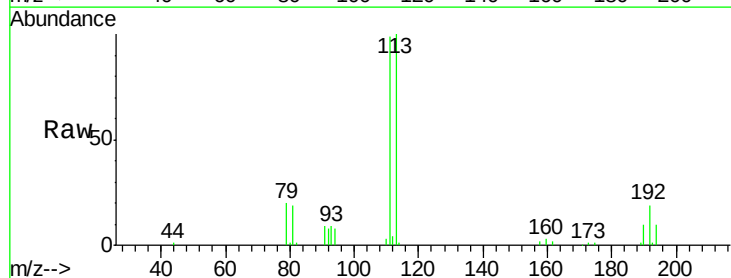
Instrument :
 MSVOA_N
 ClientSampleId :
 PB130904ZHE#07

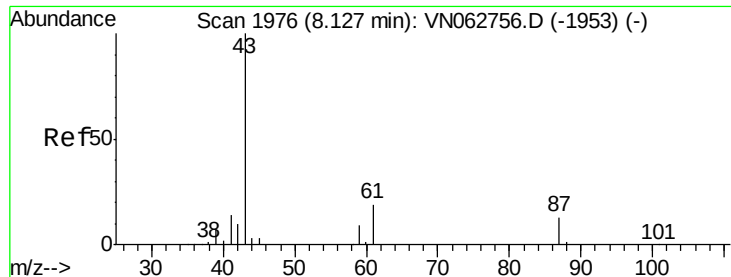
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	47.6
88	17.9	0.0	34.4



#35
 Dibromofluoromethane
 Concen: 48.675 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062868.D
 Acq: 12 Aug 2020 19:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	19.3	15.0	22.4





#43

Isopropyl Acetate

Concen: 10.366 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062868.D

Acq: 12 Aug 2020 19:49

Instrument :

MSVOA_N

ClientSampleId :

PB130904ZHE#07

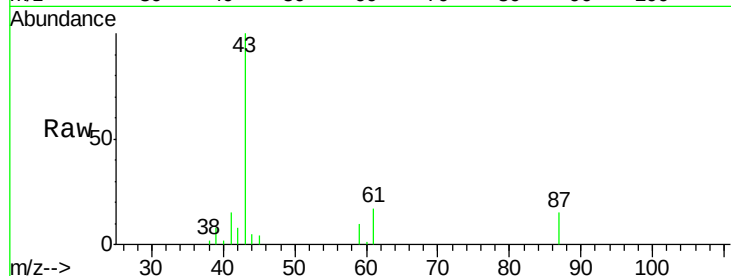
Tot Ion: 43 Resp: 40383

Ion Ratio Lower Upper

43 100

61 19.0 15.8 23.6

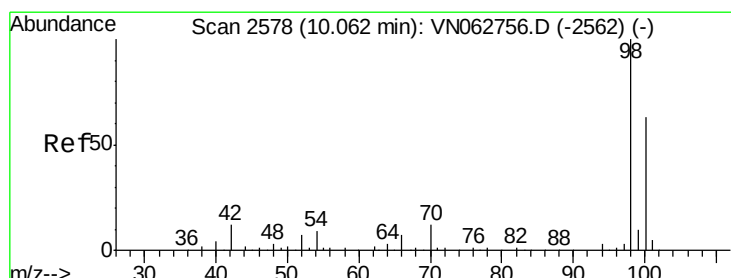
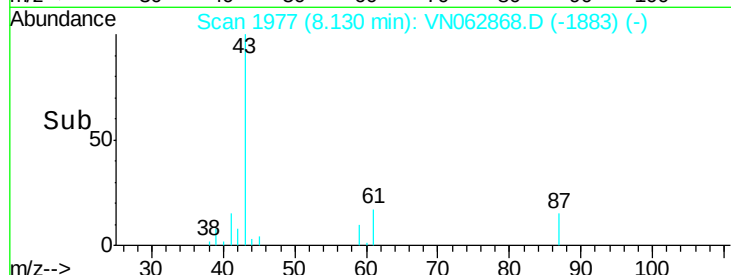
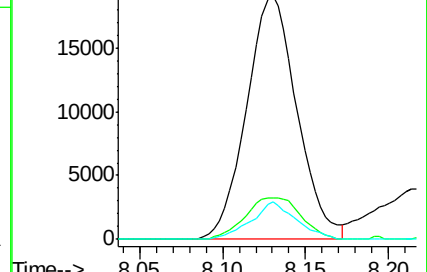
87 13.6 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062756.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062756.D (-1953) (-)



#50

Toluene-d8

Concen: 48.883 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN062868.D

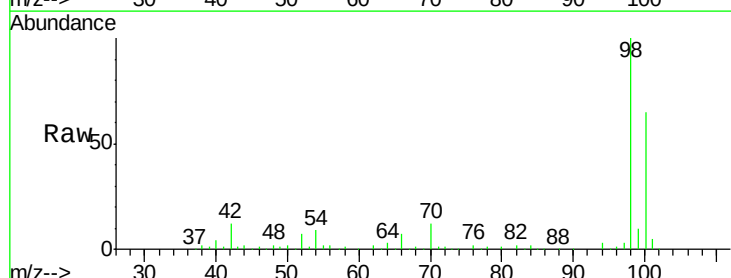
Acq: 12 Aug 2020 19:49

Tgt Ion: 98 Resp: 299756

Ion Ratio Lower Upper

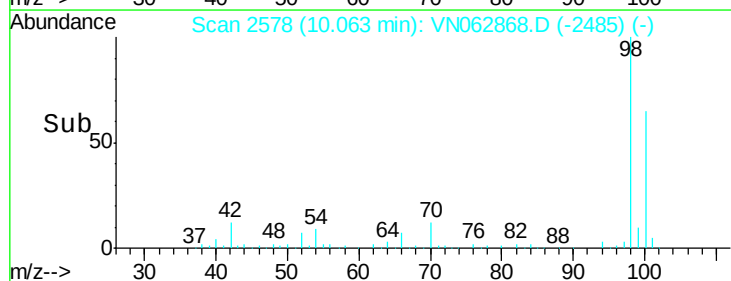
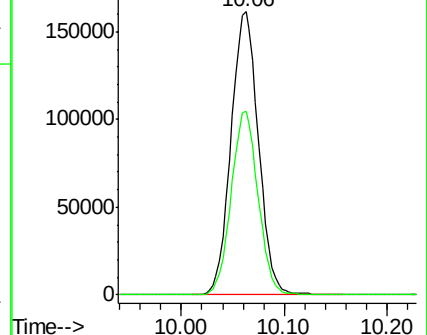
98 100

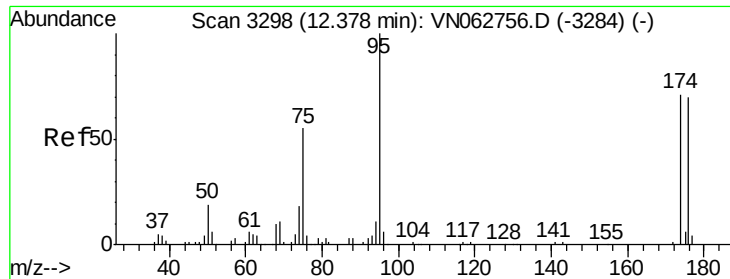
100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)





#62

4-Bromofluorobenzene

Concen: 48.240 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062868.D

Acq: 12 Aug 2020 19:49

Instrument :

MSVOA_N

ClientSampleId :

PB130904ZHE#07

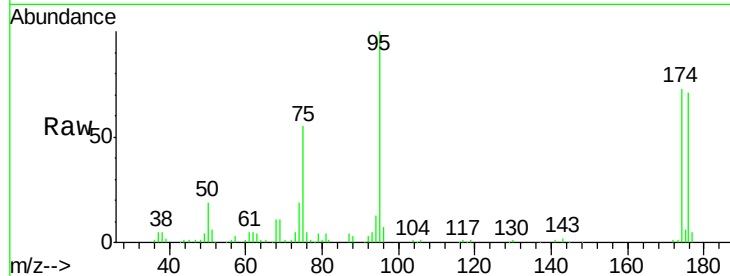
Tot Ion: 95 Resp: 111788

Ion Ratio Lower Upper

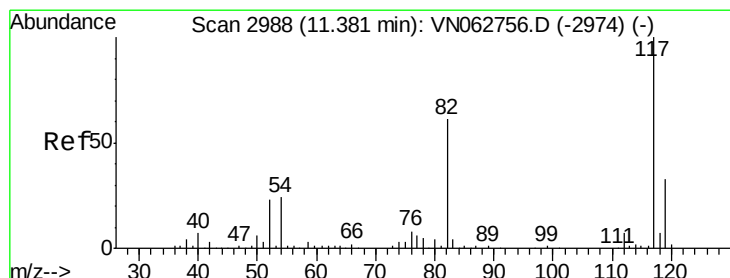
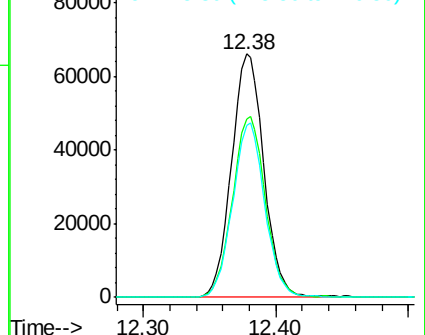
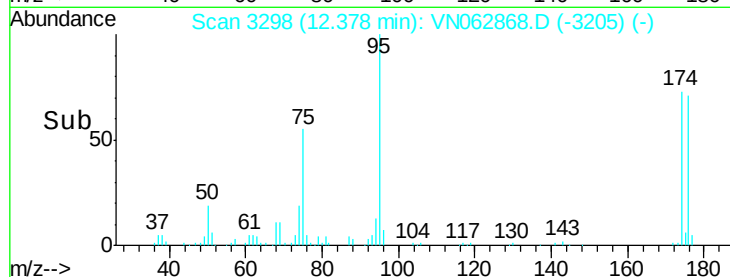
95 100

174 75.4 0.0 144.8

176 71.4 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062868.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062868.D

Acq: 12 Aug 2020 19:49

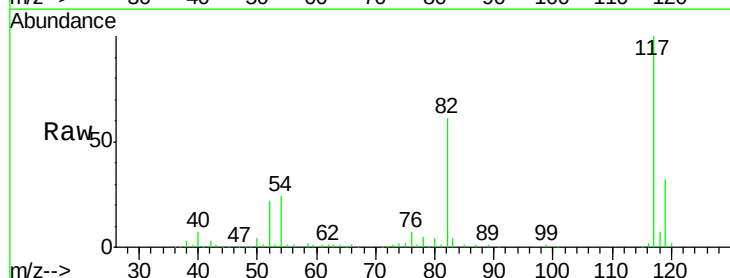
Tgt Ion: 117 Resp: 234950

Ion Ratio Lower Upper

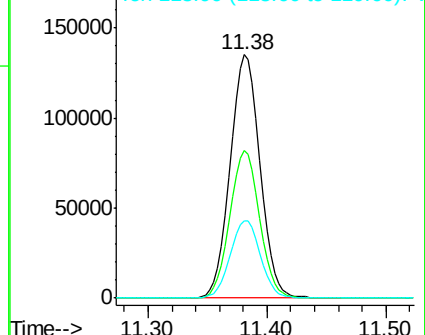
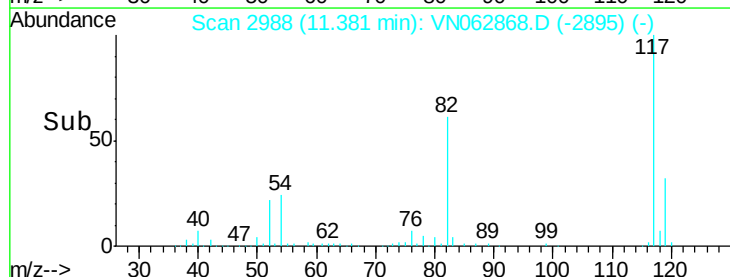
117 100

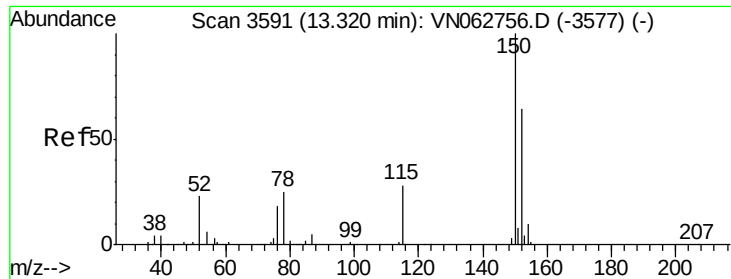
82 60.8 49.0 73.4

119 32.0 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VN062868.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062868.D

Acq: 12 Aug 2020 19:49

Instrument :

MSVOA_N

ClientSampleId :

PB130904ZHE#07

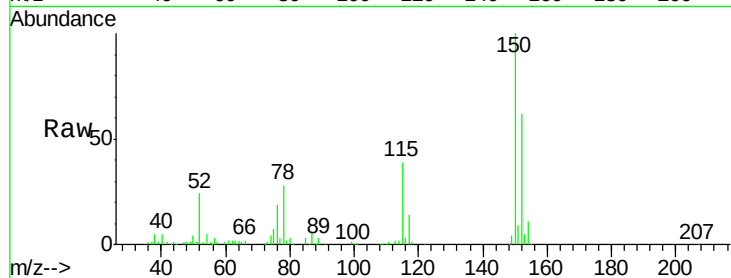
Tot Ion:152 Resp: 88110

Ion Ratio Lower Upper

152 100

115 61.8 31.6 94.8

150 157.7 0.0 349.2



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

