

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062842.D
 Acq On : 11 Aug 2020 20:21
 Operator : JC/MD
 Sample : PB130874ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130874ZHE#04

Quant Time: Aug 11 21:48:34 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

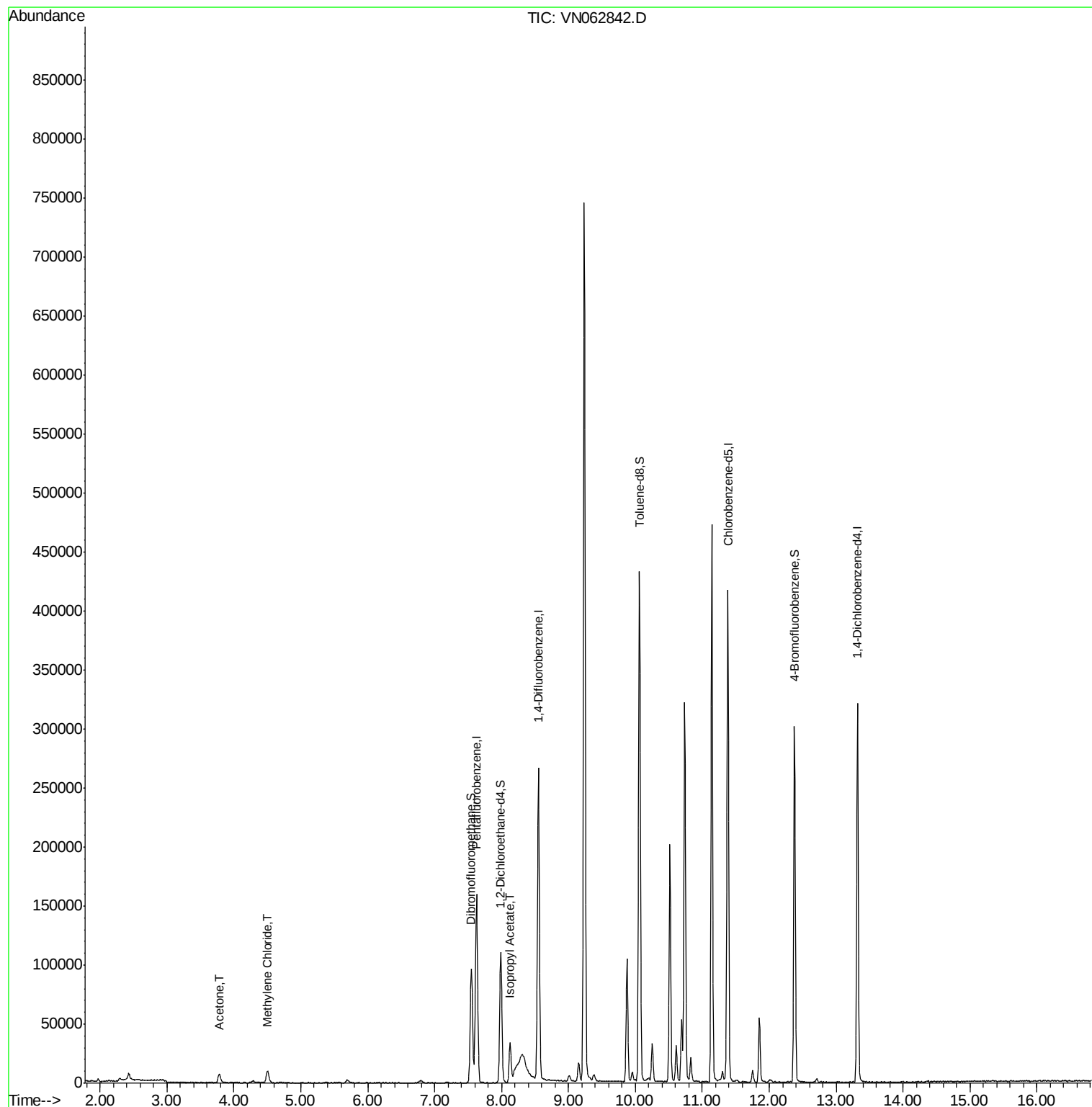
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	123840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	225573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	230256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84591	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	104210	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
35) Dibromofluoromethane	7.55	113	74276	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
50) Toluene-d8	10.06	98	295927	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.38	95	107802	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
Target Compounds						
16) Acetone	3.78	43	13551	18.312	ug/l	92
20) Methylene Chloride	4.50	84	7891	5.145	ug/l	92
43) Isopropyl Acetate	8.13	43	39620	10.353	ug/l	98

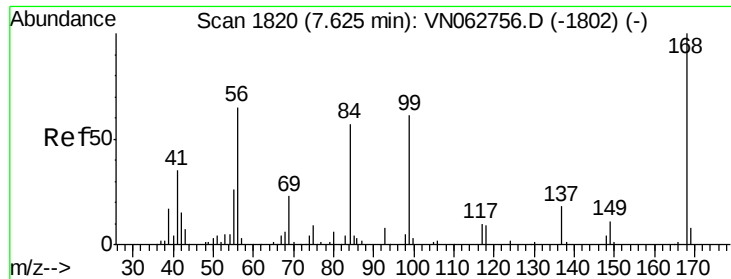
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1820

Delta R.T. -0.00 min

Lab File: VN062842.D

Acq: 11 Aug 2020 20:21

Instrument :

MSVOA_N

ClientSampleId :

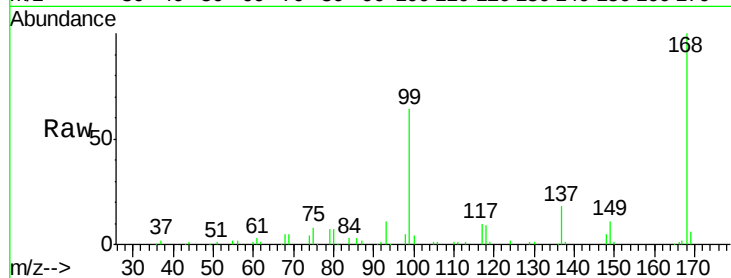
PB130874ZHE#04

Tot Ion:168 Resp: 123840

Ion Ratio Lower Upper

168 100

99 63.9 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

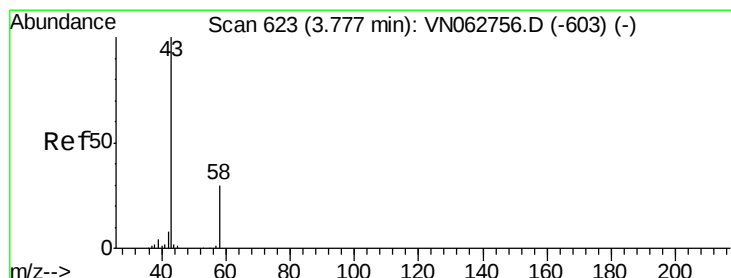
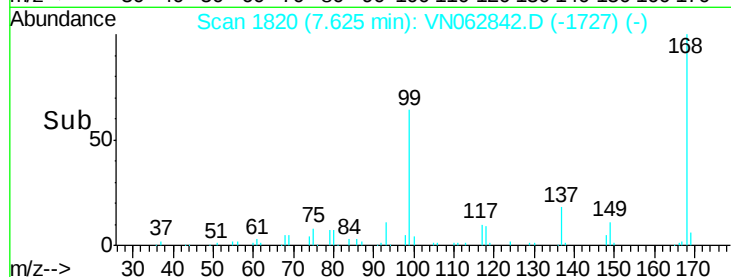
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 18.312 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062842.D

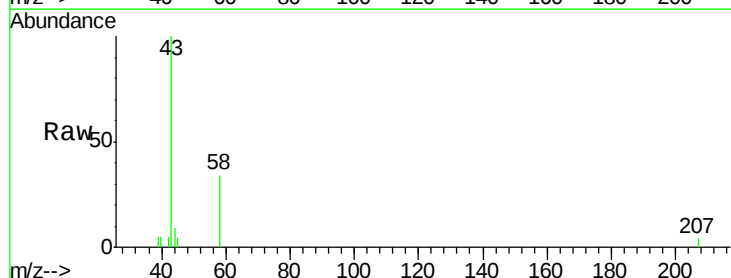
Acq: 11 Aug 2020 20:21

Tgt Ion: 43 Resp: 13551

Ion Ratio Lower Upper

43 100

58 34.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

5000

4000

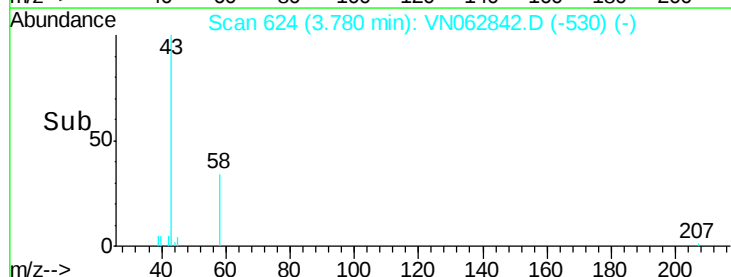
3000

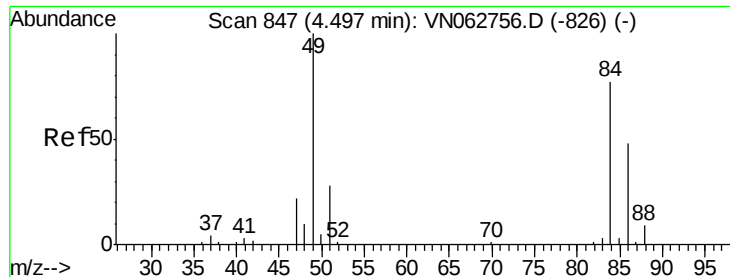
2000

1000

0

Time-->

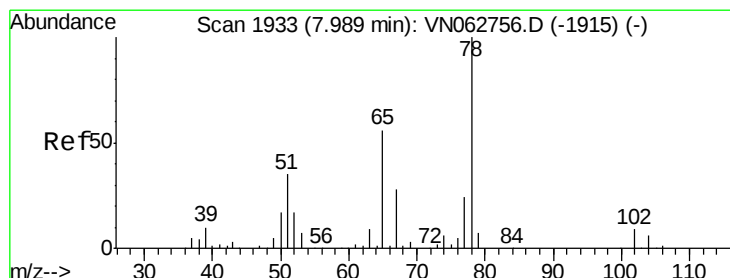
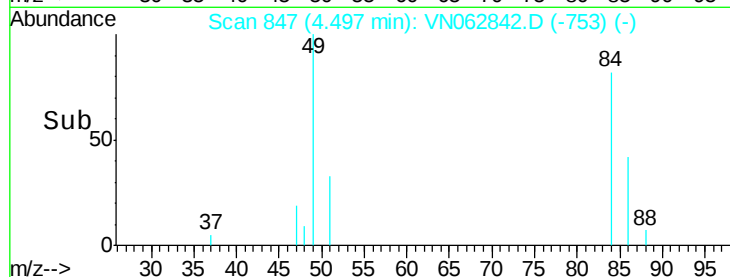
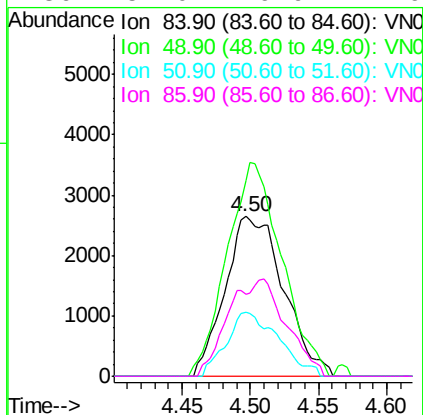
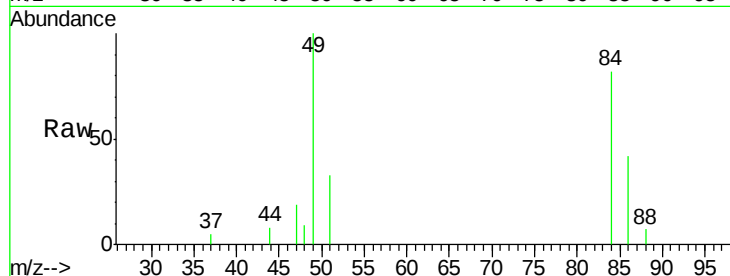




#20
Methvlene Chloride
Concen: 5.145 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062842.D
Acq: 11 Aug 2020 20:21

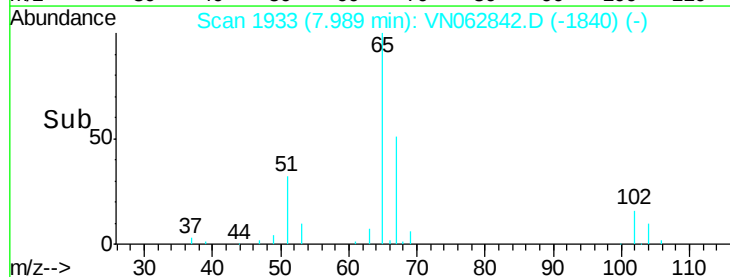
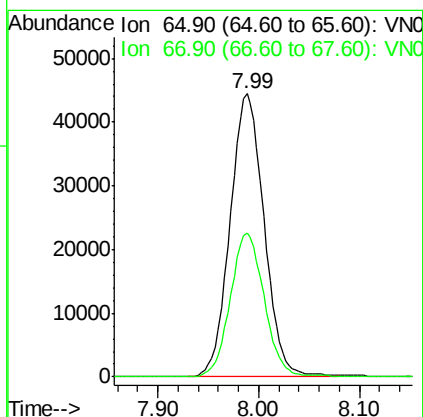
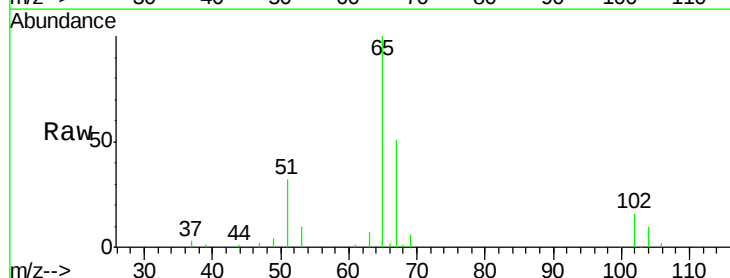
Instrument :
MSVOA_N
ClientSampleId :
PB130874ZHE#04

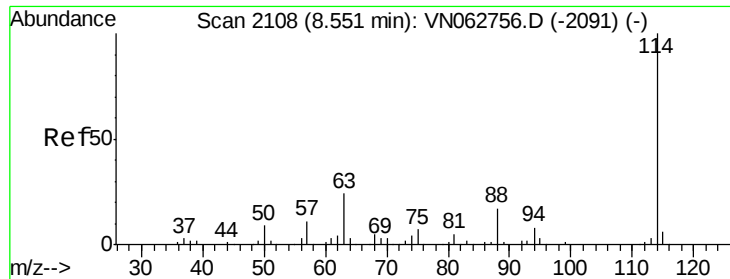
Tot Ion:	84	Resp:	7891
Ion	Ratio	Lower	Upper
84	100		
49	122.2	103.4	155.2
51	39.9	29.3	43.9
86	51.0	49.9	74.9



#33
1,2-Dichloroethane-d4
Concen: 50.886 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062842.D
Acq: 11 Aug 2020 20:21

Tgt Ion:	65	Resp:	104210
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.4

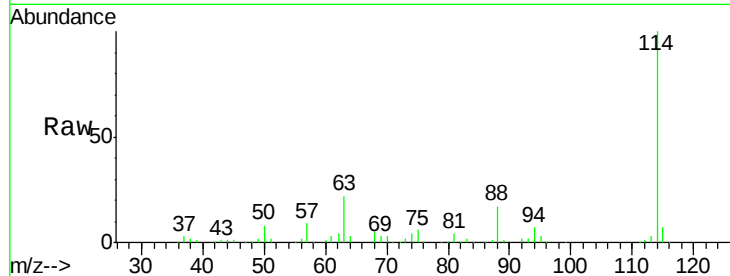




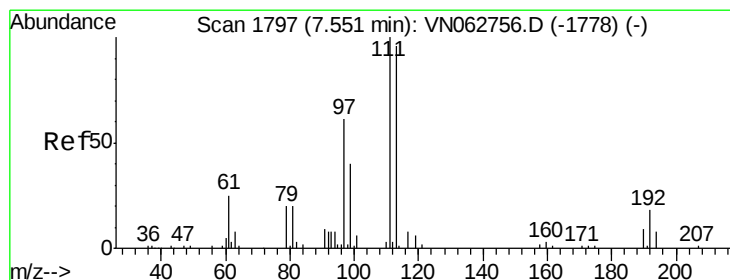
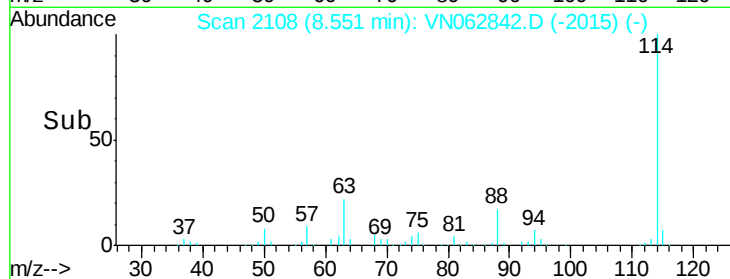
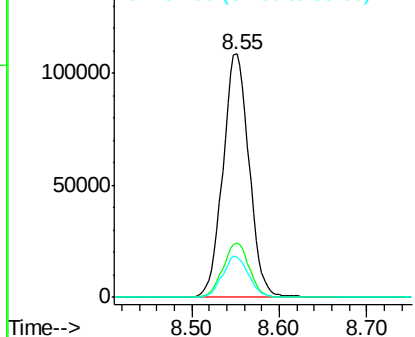
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062842.D
 Acq: 11 Aug 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130874ZHE#04

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	47.6
88	16.6	0.0	34.4

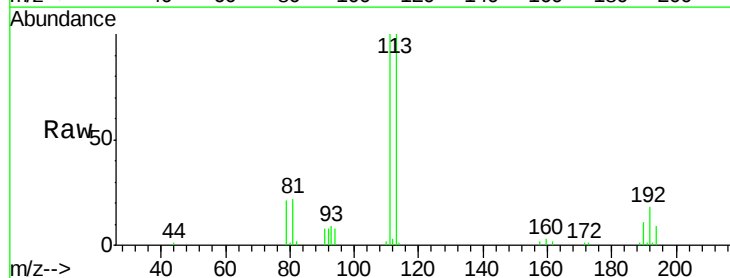


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

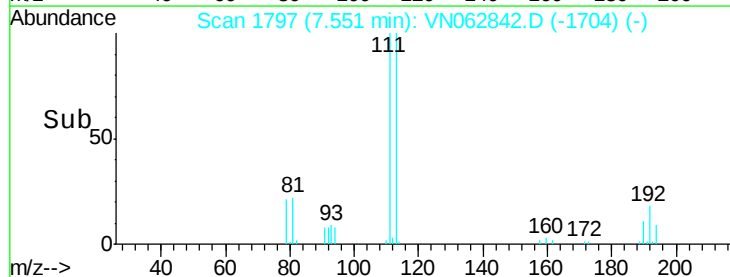
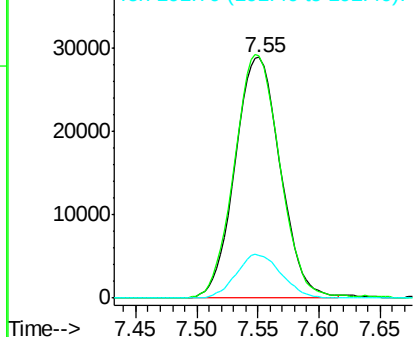


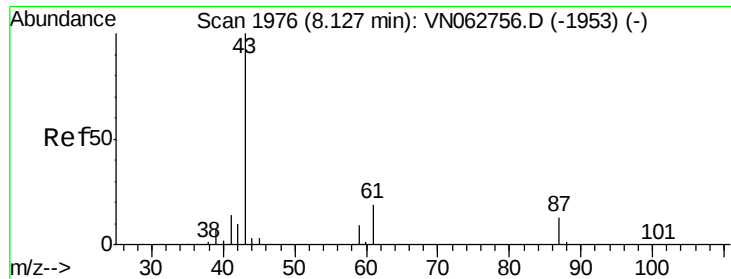
#35
 Dibromofluoromethane
 Concen: 48.136 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062842.D
 Acq: 11 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.6
192	18.1	15.0	22.4



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: 10.353 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062842.D

Acq: 11 Aug 2020 20:21

Instrument :

MSVOA_N

ClientSampleId :

PB130874ZHE#04

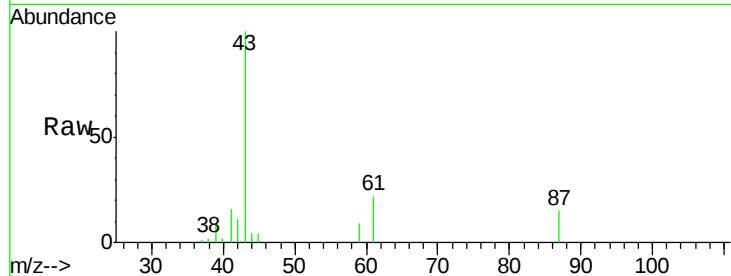
Tot Ion: 43 Resp: 39620

Ion Ratio Lower Upper

43 100

61 19.8 15.8 23.6

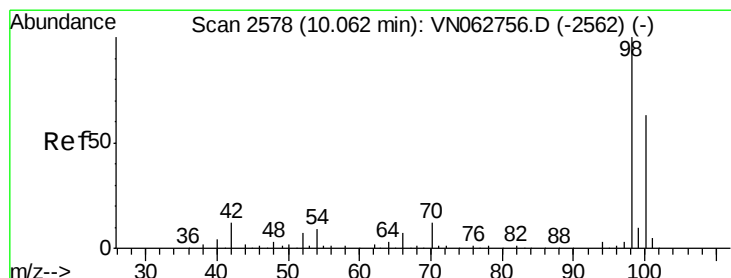
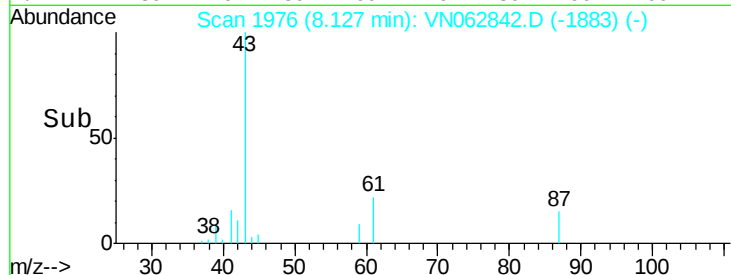
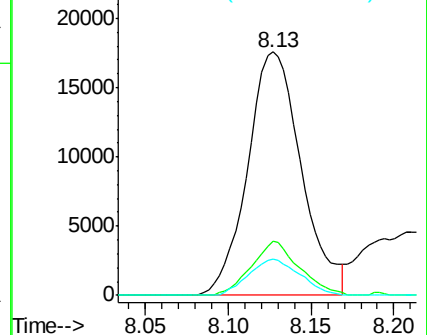
87 14.2 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062842.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062842.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062842.D (-1883) (-)



#50

Toluene-d8

Concen: 49.123 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062842.D

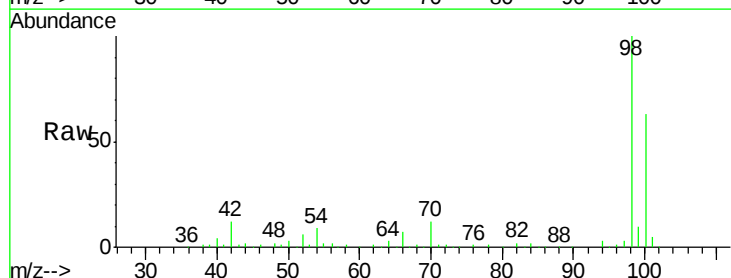
Acq: 11 Aug 2020 20:21

Tgt Ion: 98 Resp: 295927

Ion Ratio Lower Upper

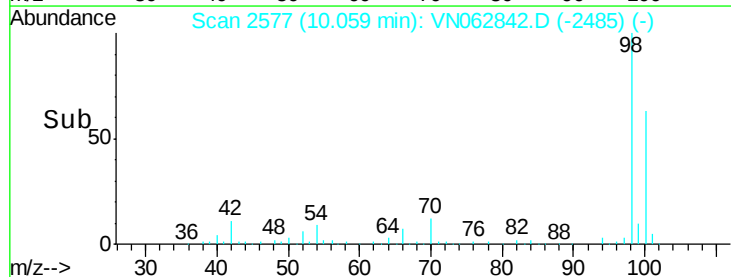
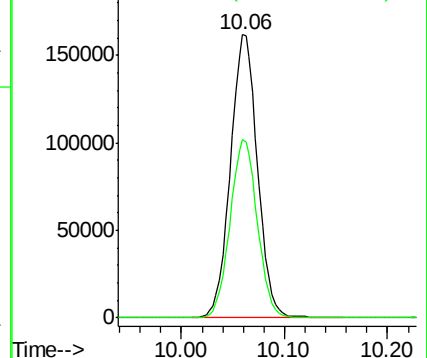
98 100

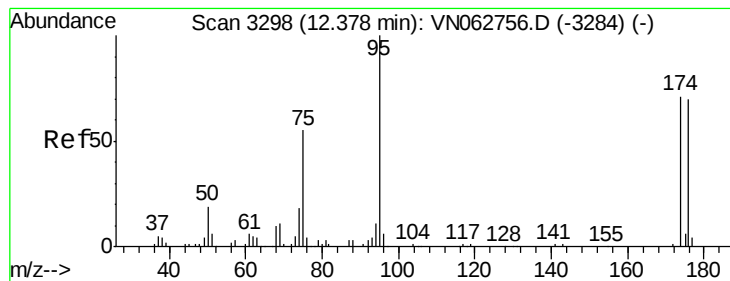
100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062842.D (-2485) (-)

Ion 100.00 (99.70 to 100.70): VN062842.D (-2485) (-)





#62

4-Bromofluorobenzene

Concen: 47.353 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062842.D

Acq: 11 Aug 2020 20:21

Instrument :

MSVOA_N

ClientSampleId :

PB130874ZHE#04

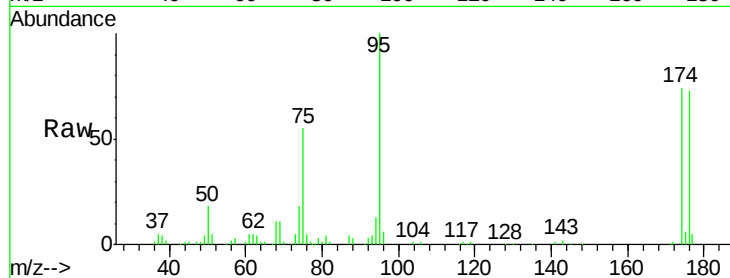
Tot Ion: 95 Resp: 107802

Ion Ratio Lower Upper

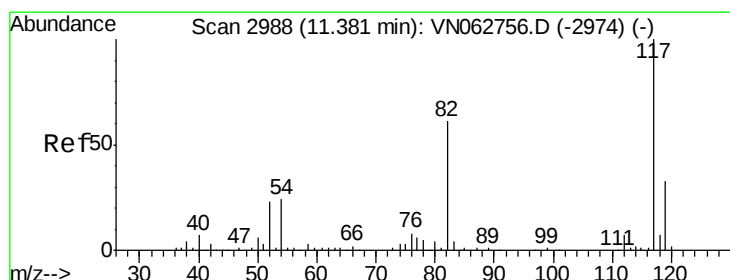
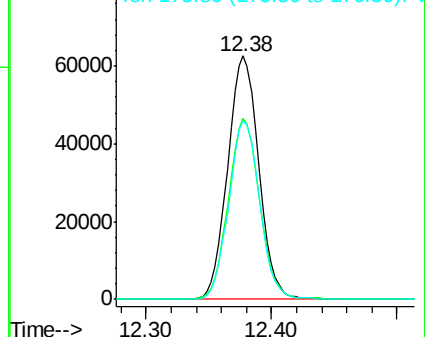
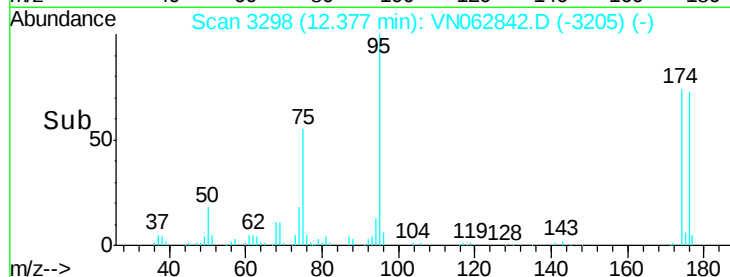
95 100

174 74.7 0.0 144.8

176 72.9 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062842.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062842.D

Acq: 11 Aug 2020 20:21

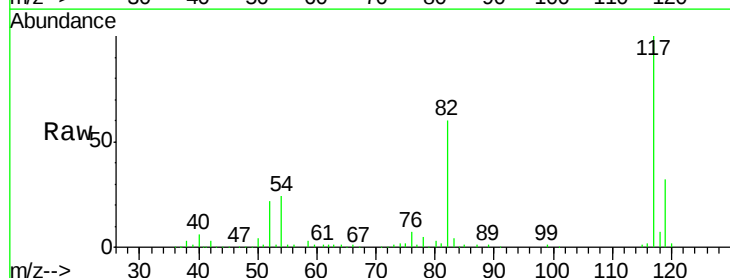
Tgt Ion: 117 Resp: 230256

Ion Ratio Lower Upper

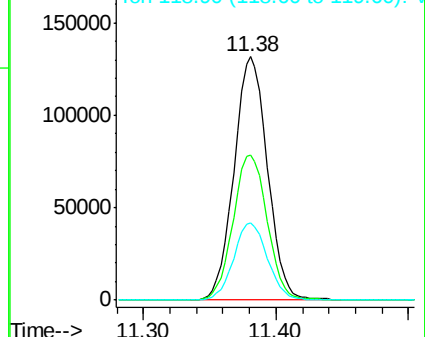
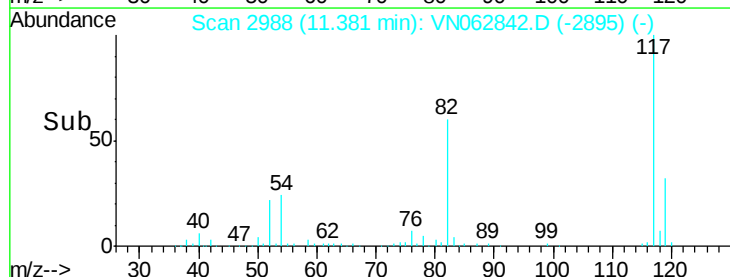
117 100

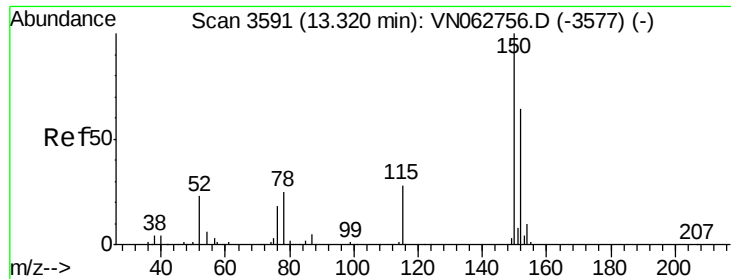
82 59.5 49.0 73.4

119 31.8 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VN062842.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: VN062842.D

Acq: 11 Aug 2020 20:21

Instrument :

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PB130874ZHE#04

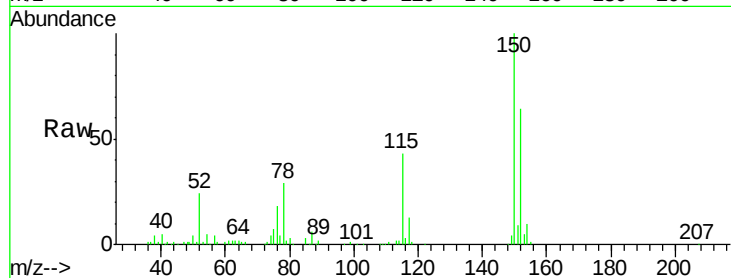
Tot Ion:152 Resp: 84591

Ion Ratio Lower Upper

152 100

115 64.8 31.6 94.8

150 159.4 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

