

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063827.D
 Acq On : 2 Oct 2020 17:32
 Operator : JC/MD
 Sample : PB132030ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#06

Quant Time: Oct 05 06:17:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

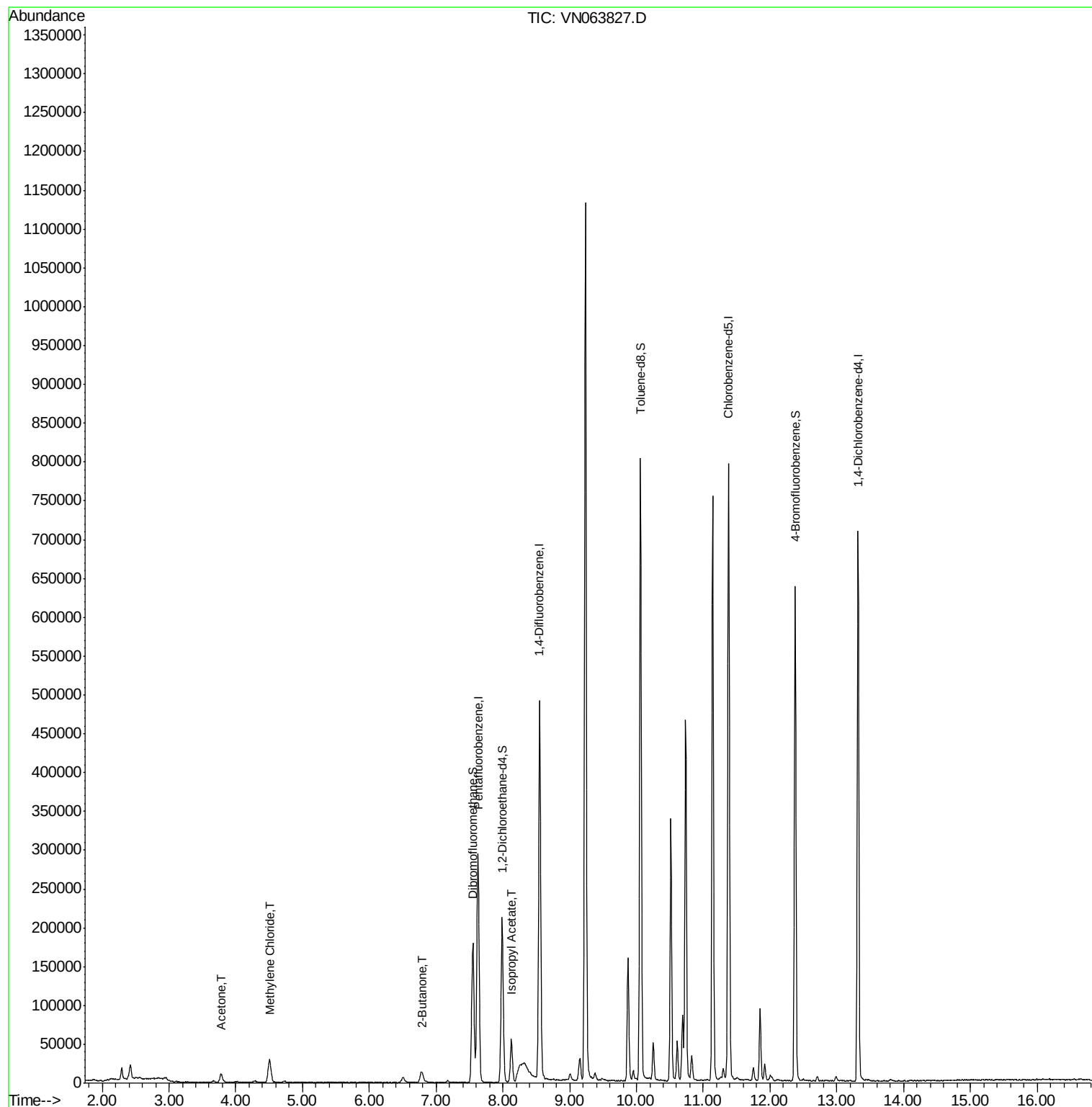
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	210518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	403246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	184678	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
35) Dibromofluoromethane	7.55	113	133756	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
50) Toluene-d8	10.06	98	515892	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.38	95	207319	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
Target Compounds						
16) Acetone	3.78	43	19657	18.361	ug/l	99
20) Methylene Chloride	4.51	84	20271	8.348	ug/l	98
25) 2-Butanone	6.79	43	16921	11.148	ug/l	98
43) Isopropyl Acetate	8.13	43	65836	9.834	ug/l	98

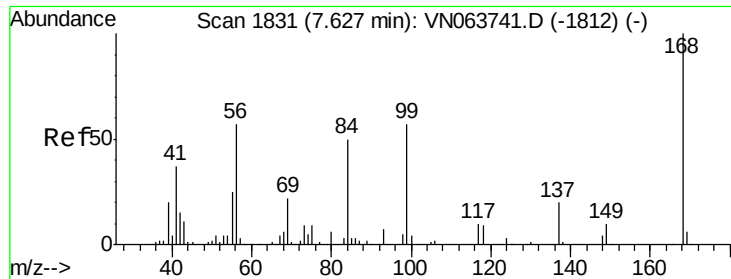
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 05 06:17:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063827.D

Acq: 2 Oct 2020 17:32

Instrument :

MSVOA_N

ClientSampleId :

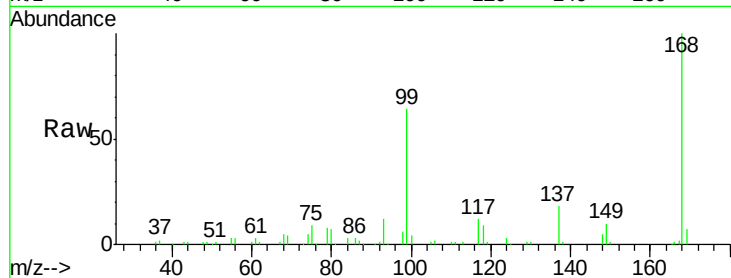
PB132030ZHE#06

Tot Ion:168 Resp: 210518

Ion Ratio Lower Upper

168 100

99 63.9 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

60000

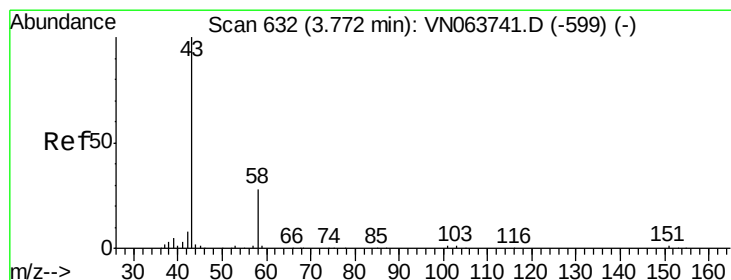
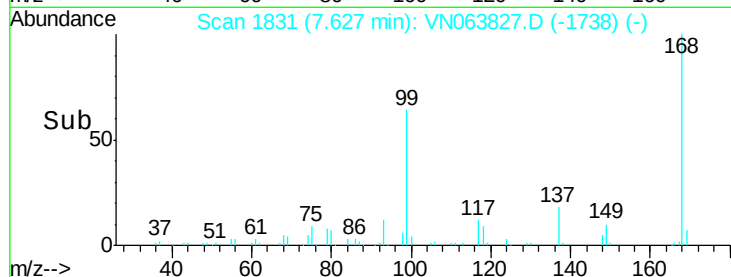
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 18.361 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063827.D

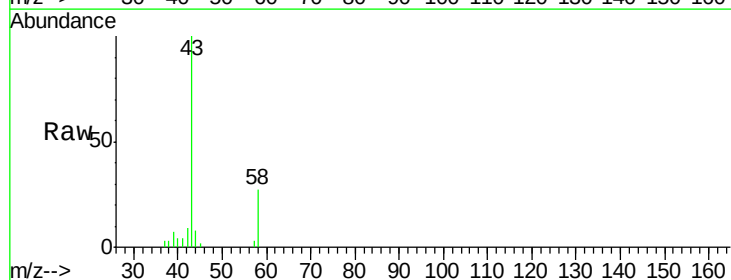
Acq: 2 Oct 2020 17:32

Tgt Ion: 43 Resp: 19657

Ion Ratio Lower Upper

43 100

58 27.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

8000

6000

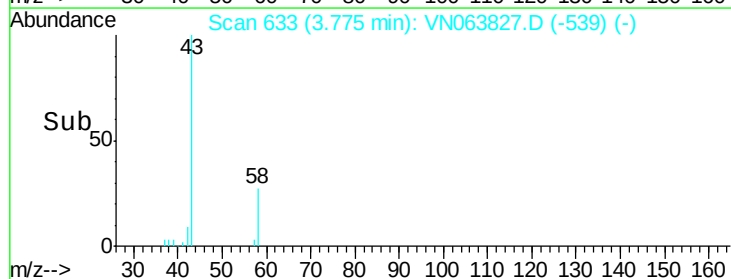
4000

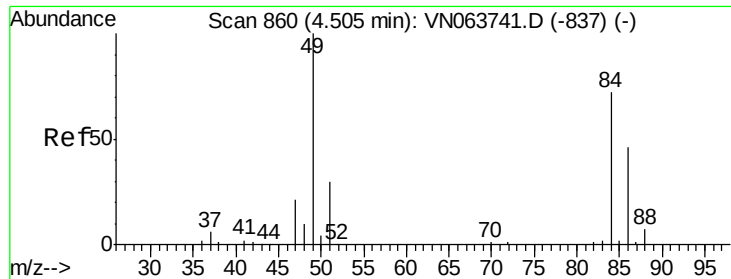
2000

0

Time-->

3.70 3.80 3.90

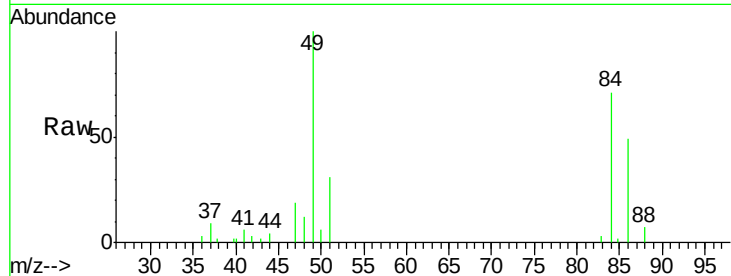




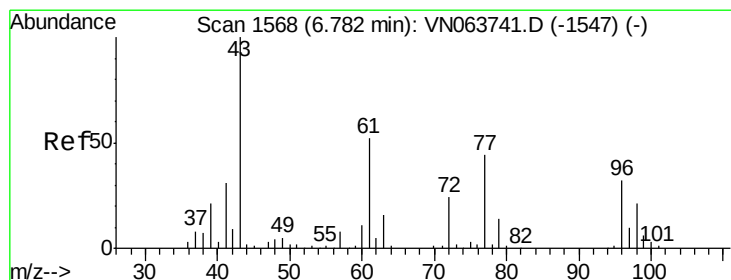
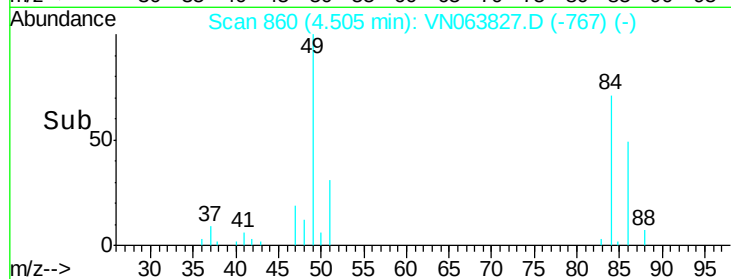
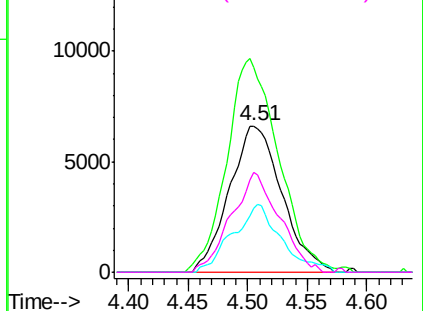
#20
Methvlene Chloride
Concen: 8.348 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063827.D
Acq: 2 Oct 2020 17:32

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#06

Tot Ion:	84	Resp:	20271
Ion	Ratio	Lower	Upper
84	100		
49	137.3	110.4	165.6
51	43.4	33.3	49.9
86	68.1	50.7	76.1

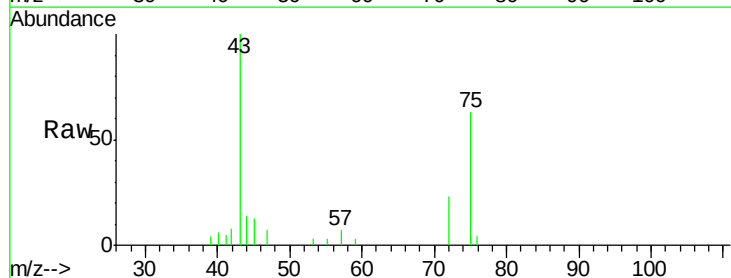


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

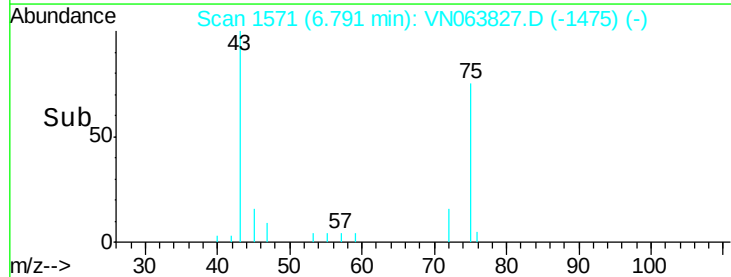
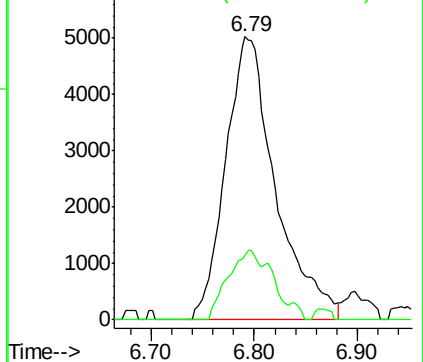


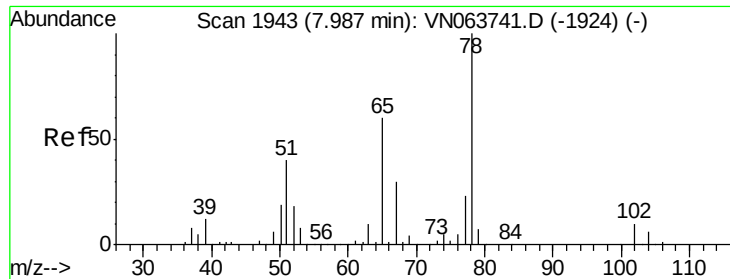
#25
2-Butanone
Concen: 11.148 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN063827.D
Acq: 2 Oct 2020 17:32

Tgt Ion:	43	Resp:	16921
Ion	Ratio	Lower	Upper
43	100		
72	22.9	19.3	28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

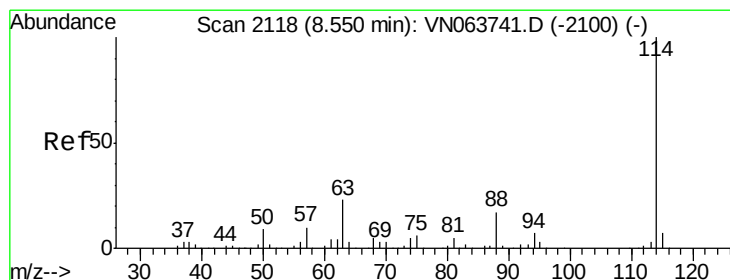
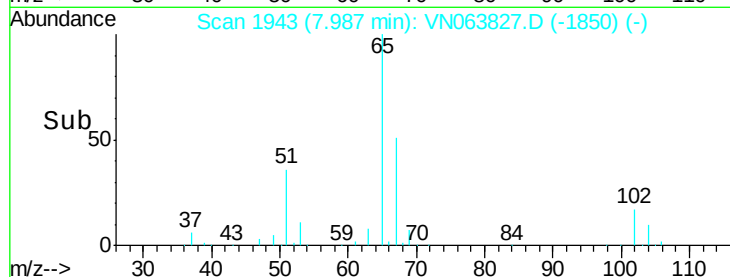
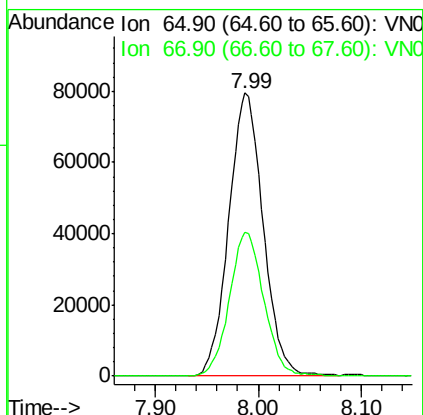
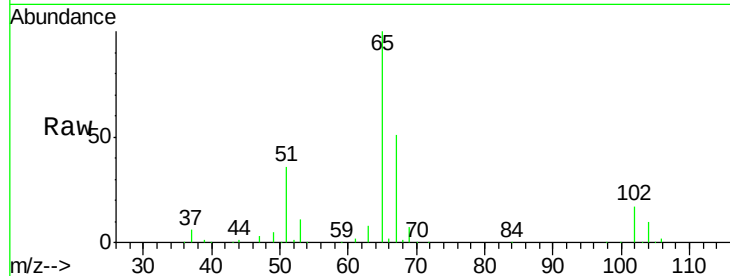




#33
 1,2-Dichloroethane-d4
 Concen: 53.100 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063827.D
 Acq: 2 Oct 2020 17:32

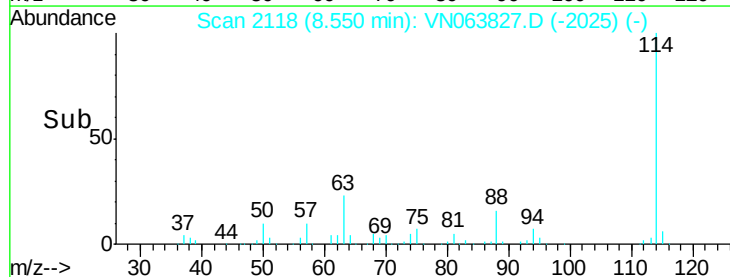
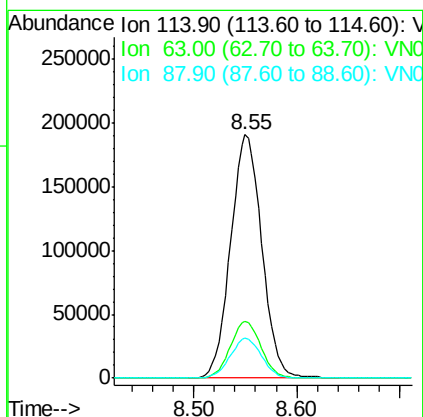
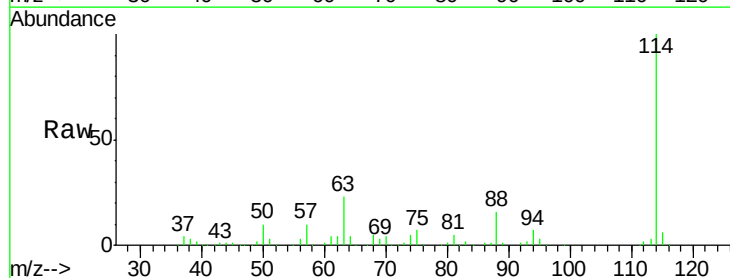
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#06

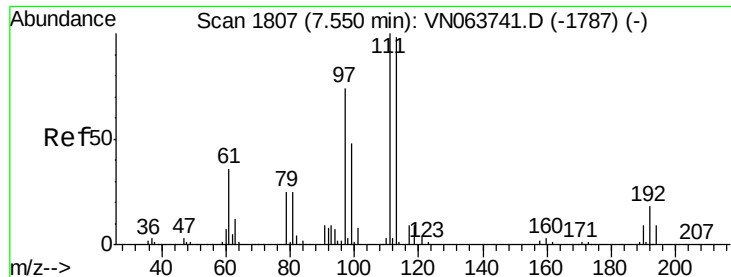
Tot Ion: 65 Resp: 184678
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063827.D
 Acq: 2 Oct 2020 17:32

Tgt Ion: 114 Resp: 403246
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.0
 88 16.3 0.0 34.0

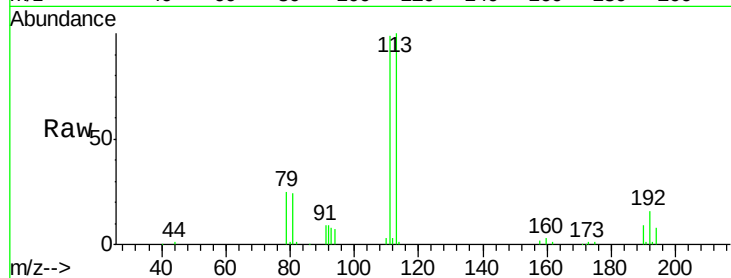




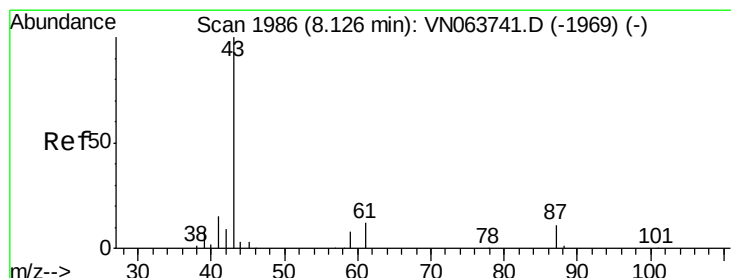
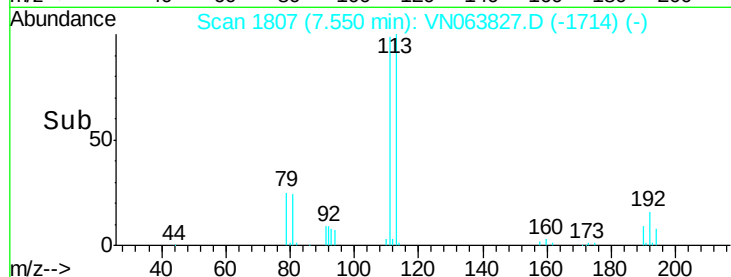
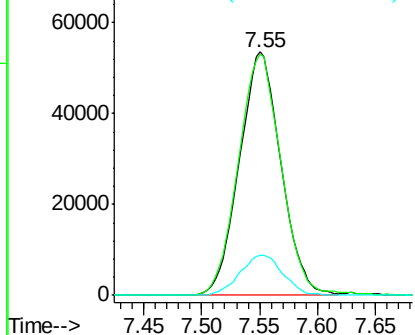
#35
 Dibromofluoromethane
 Concen: 47.804 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063827.D
 Acq: 2 Oct 2020 17:32

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#06

Tot Ion:113 Resp: 133756
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.8
 192 17.0 14.2 21.2

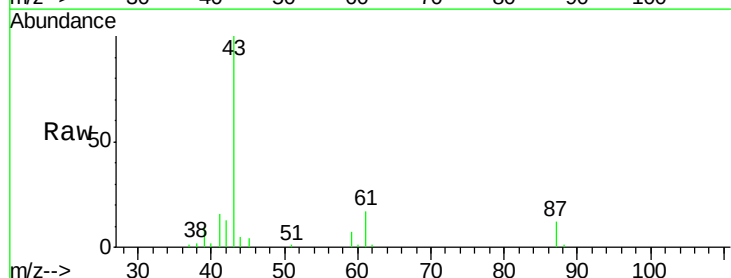


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

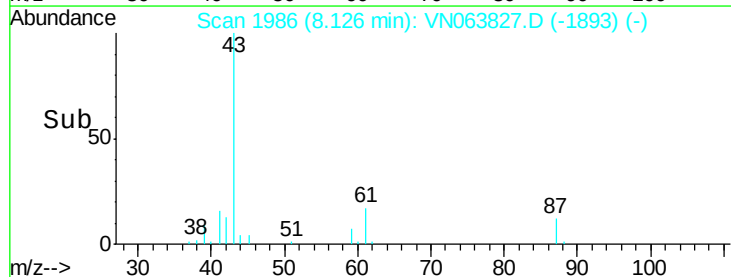
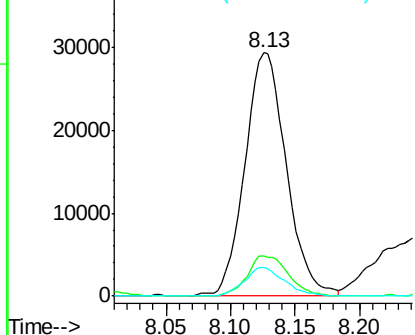


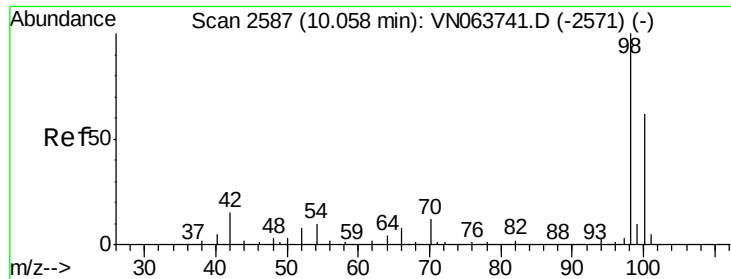
#43
 Isopropyl Acetate
 Concen: 9.834 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN063827.D
 Acq: 2 Oct 2020 17:32

Tgt Ion: 43 Resp: 65836
 Ion Ratio Lower Upper
 43 100
 61 16.3 14.2 21.4
 87 11.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 48.637 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063827.D

Acq: 2 Oct 2020 17:32

Instrument :

MSVOA_N

ClientSampleId :

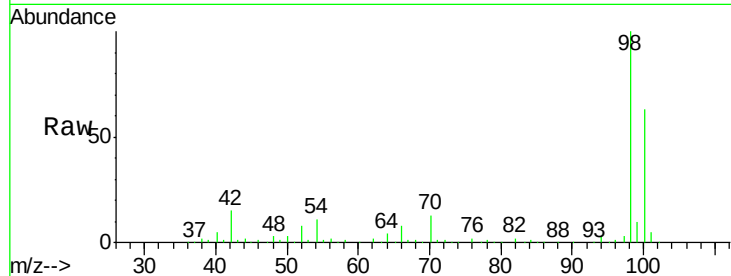
PB132030ZHE#06

Tot Ion: 98 Resp: 515892

Ion Ratio Lower Upper

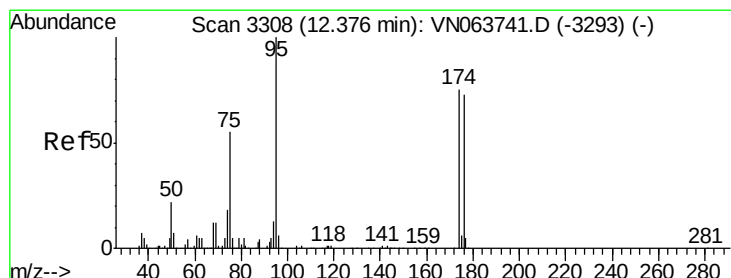
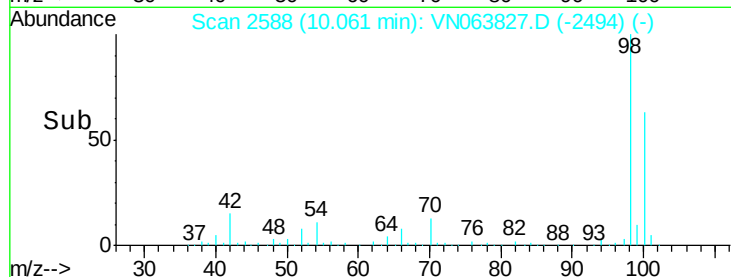
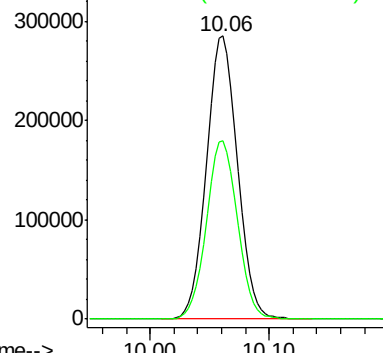
98 100

100 63.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 51.995 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063827.D

Acq: 2 Oct 2020 17:32

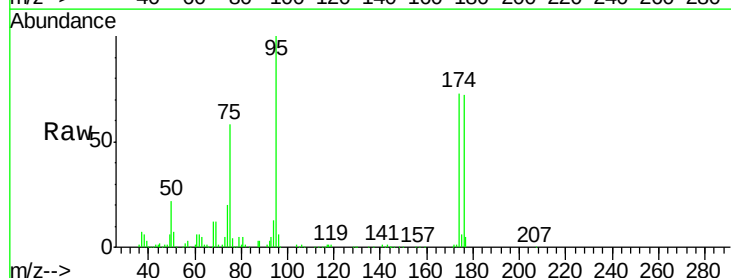
Tgt Ion: 95 Resp: 207319

Ion Ratio Lower Upper

95 100

174 73.6 0.0 150.6

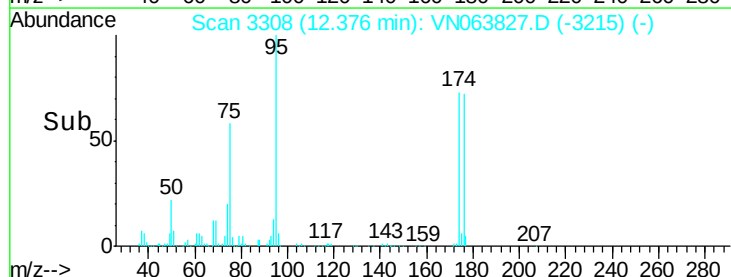
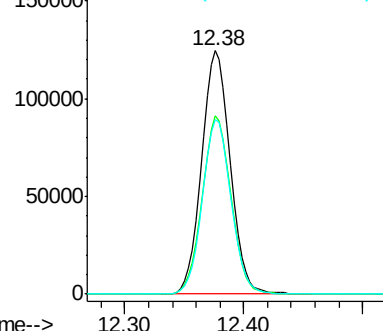
176 72.0 0.0 145.4

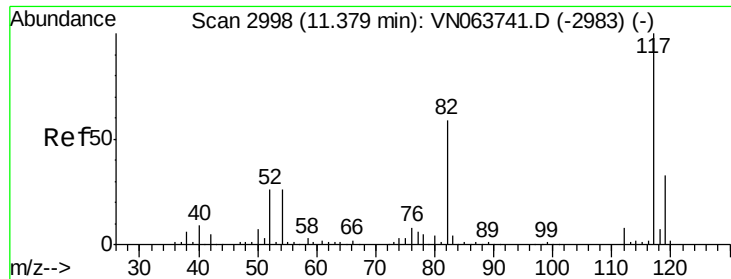


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063827.D

Acq: 2 Oct 2020 17:32

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#06

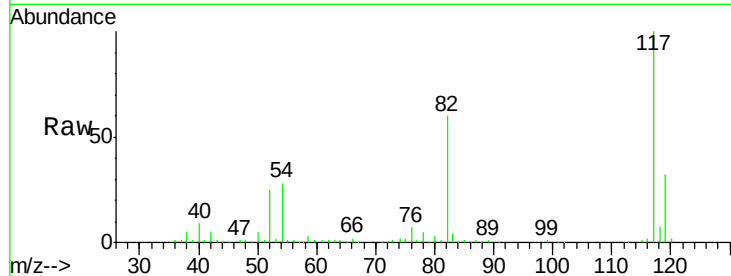
Tot Ion:117 Resp: 418644

Ion Ratio Lower Upper

117 100

82 60.3 47.4 71.2

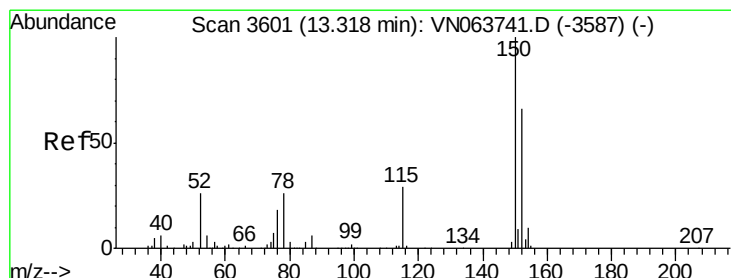
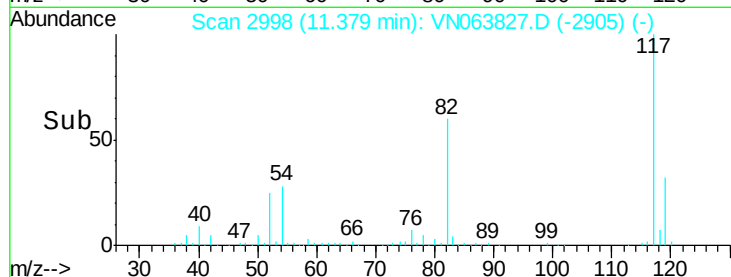
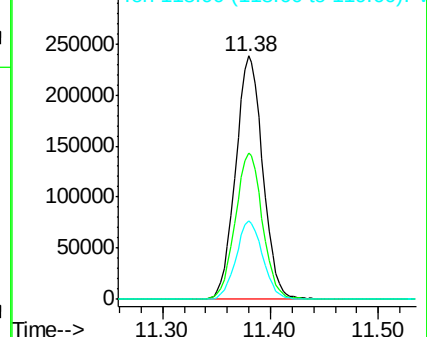
119 32.3 26.4 39.6



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: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063827.D

Acq: 2 Oct 2020 17:32

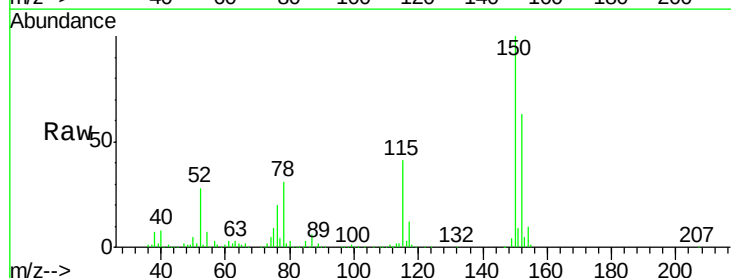
Tgt Ion:152 Resp: 170314

Ion Ratio Lower Upper

152 100

115 64.5 31.3 93.8

150 158.9 0.0 341.8



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

