

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063927.D
 Acq On : 7 Oct 2020 5:54
 Operator : JC/MD
 Sample : L4260-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B21-100220-17.5-18.5

Quant Time: Oct 07 06:36:41 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

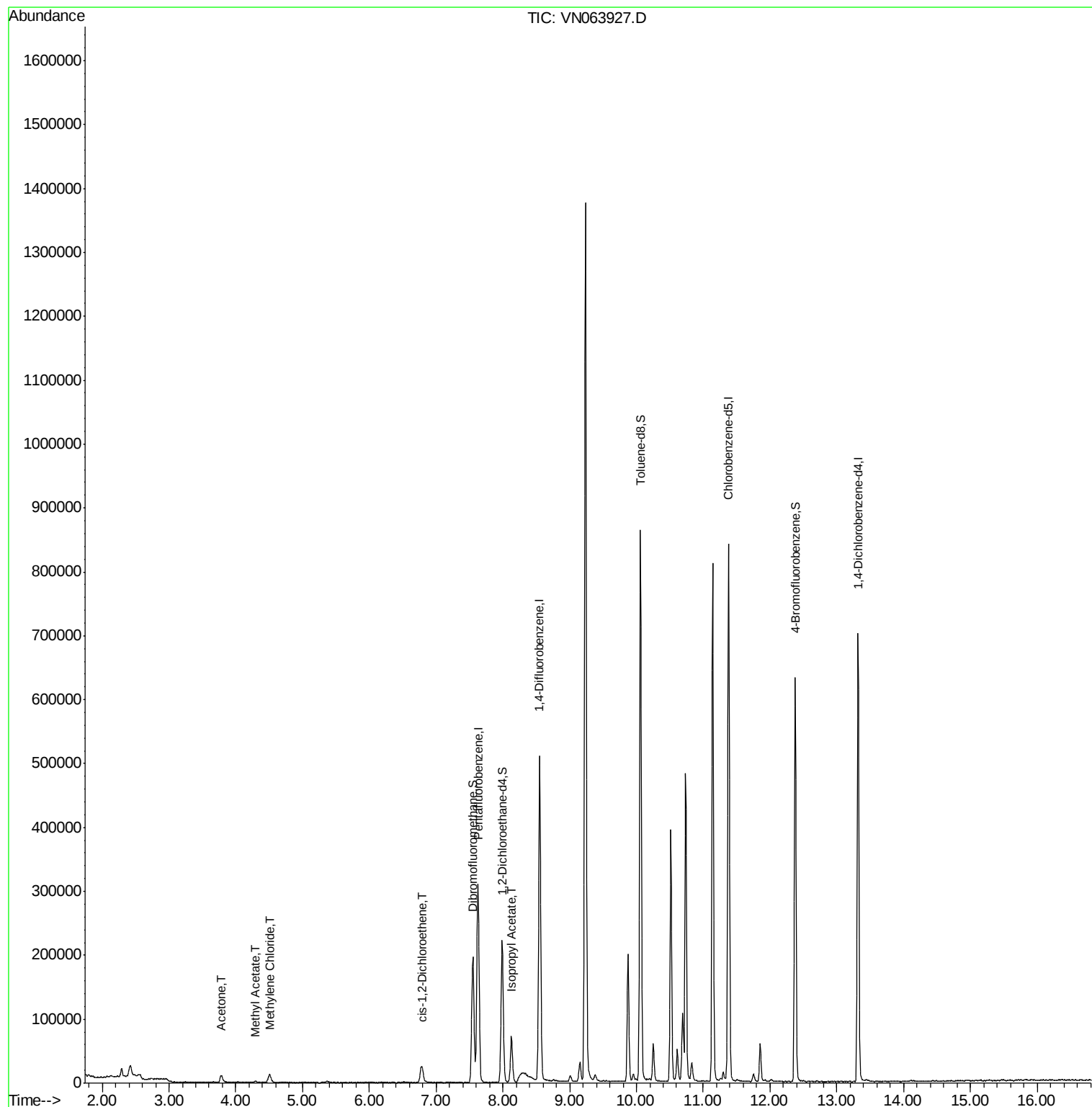
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	228070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	420558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	203139	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
35) Dibromofluoromethane	7.55	113	146167	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	10.06	98	553783	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.38	95	210389	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
Target Compounds						
16) Acetone	3.78	43	20329	17.527	ug/l	100
18) Methyl Acetate	4.28	43	3862	1.282	ug/l #	85
20) Methylene Chloride	4.51	84	9301	3.592	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	10851	3.668	ug/l	96
43) Isopropyl Acetate	8.13	43	87251	12.496	ug/l	98

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

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PAV-B21-100220-17.5-18.5

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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: VN063927.D

Acq: 7 Oct 2020 5:54

Instrument :

MSVOA_N

ClientSampleId :

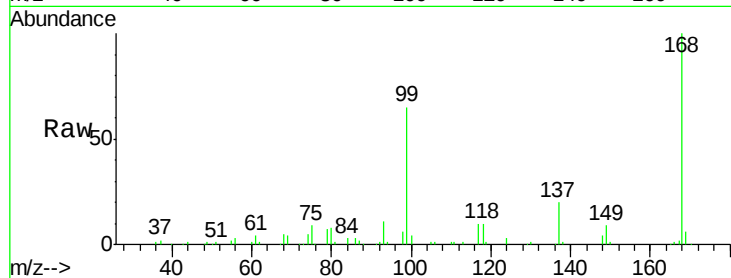
PAV-B21-100220-17.5-18.5

Tot Ion:168 Resp: 228070

Ion Ratio Lower Upper

168 100

99 64.8 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

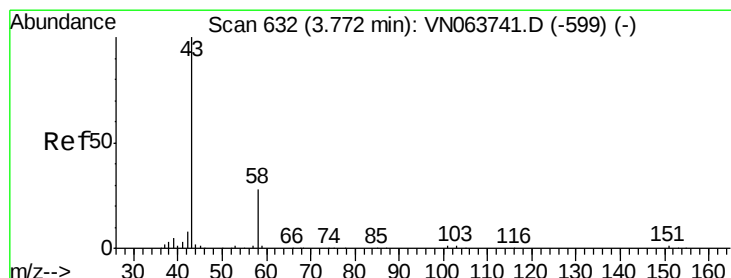
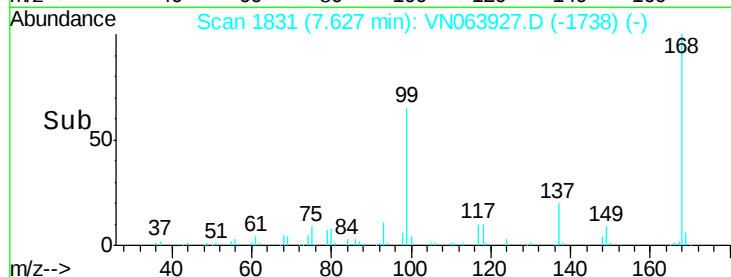
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 17.527 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063927.D

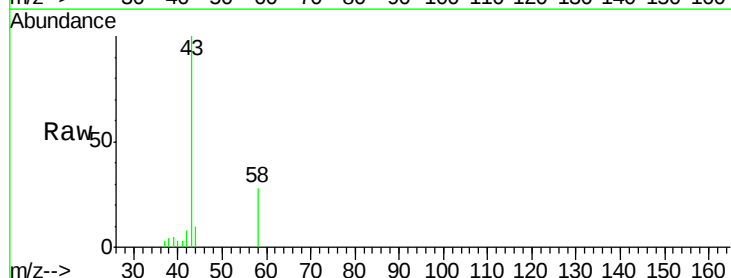
Acq: 7 Oct 2020 5:54

Tgt Ion: 43 Resp: 20329

Ion Ratio Lower Upper

43 100

58 27.8 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

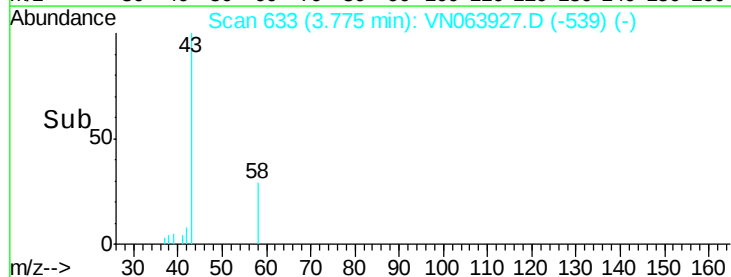
6000

4000

2000

0

Time--> 3.70 3.75 3.80 3.85

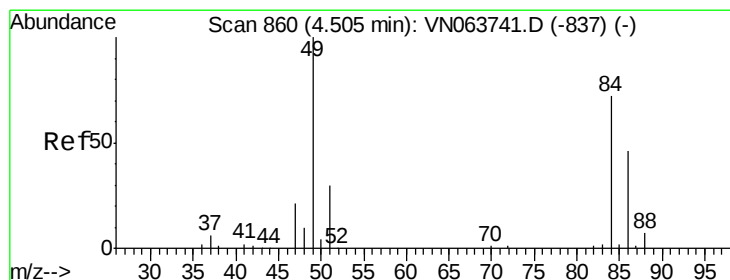
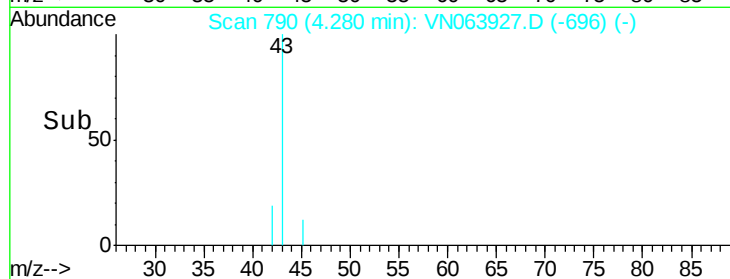
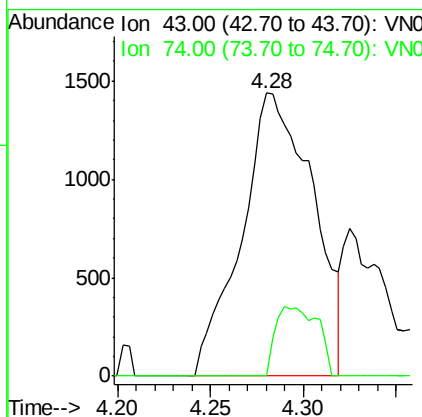
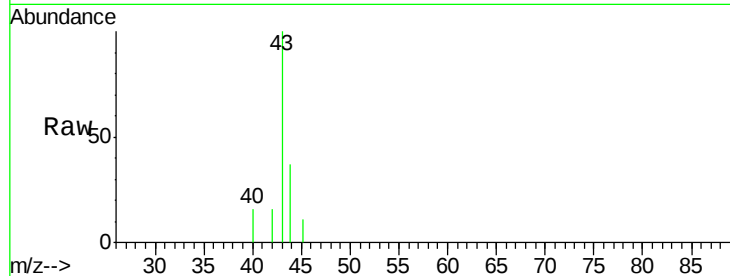




#18
Methyl Acetate
Concen: 1.282 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063927.D
Acq: 7 Oct 2020 5:54

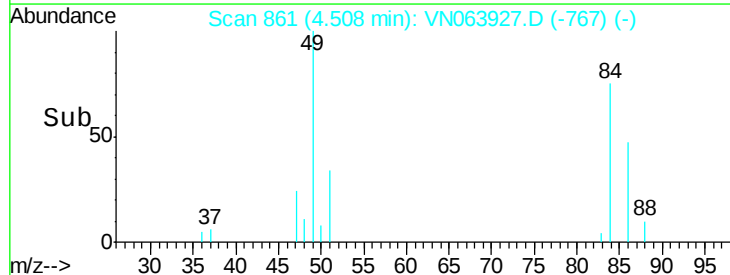
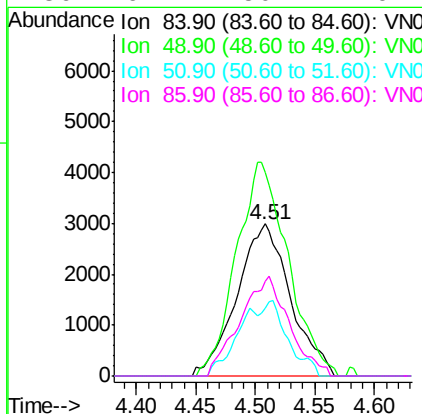
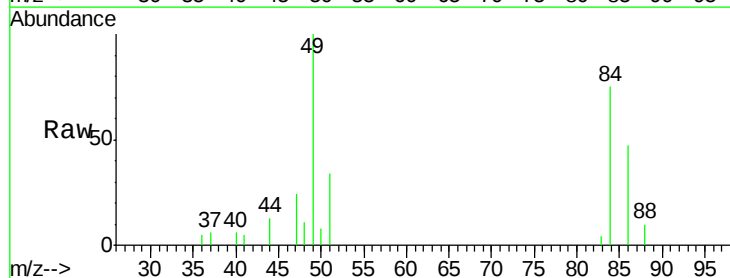
Instrument :
MSVOA_N
ClientSampleId :
PAV-B21-100220-17.5-18.5

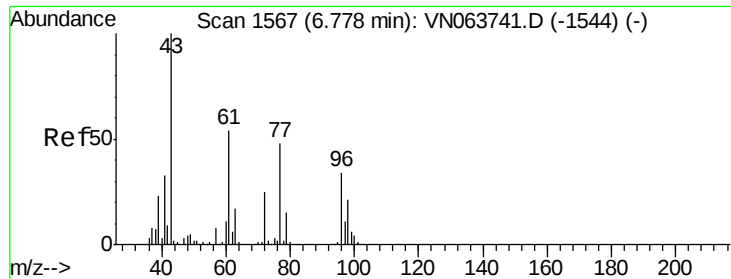
Tot Ion: 43 Resp: 3862
Ion Ratio Lower Upper
43 100
74 14.5 17.4 26.2#



#20
Methylene Chloride
Concen: 3.592 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN063927.D
Acq: 7 Oct 2020 5:54

Tgt Ion: 84 Resp: 9301
Ion Ratio Lower Upper
84 100
49 134.0 110.4 165.6
51 44.9 33.3 49.9
86 62.7 50.7 76.1

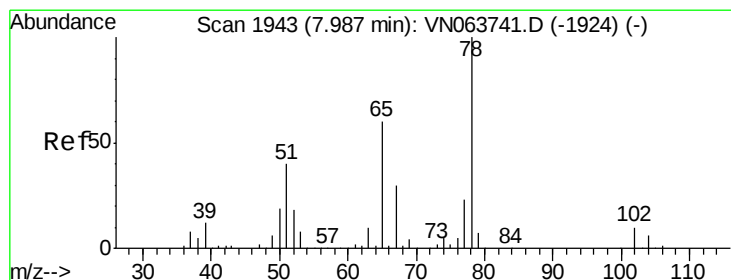
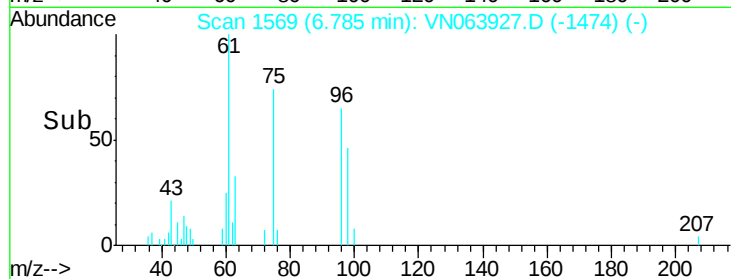
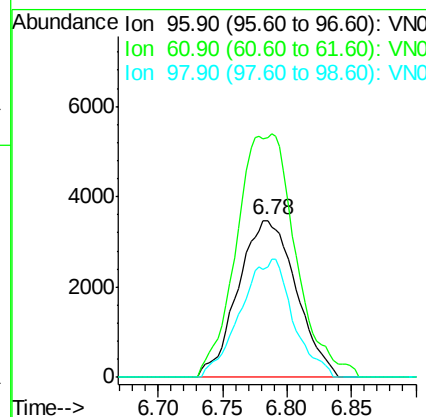
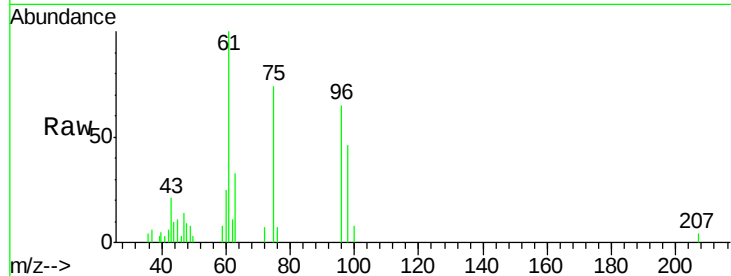




#27
 cis-1,2-Dichloroethene
 Concen: 3.668 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN063927.D
 Acq: 7 Oct 2020 5:54

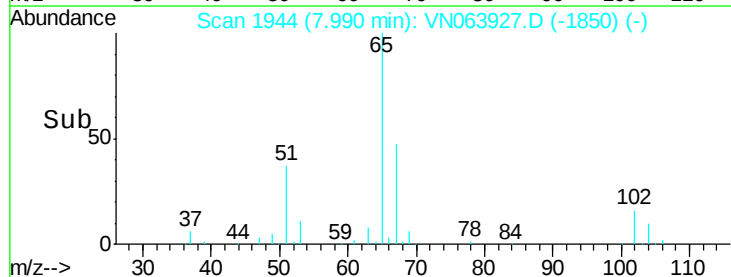
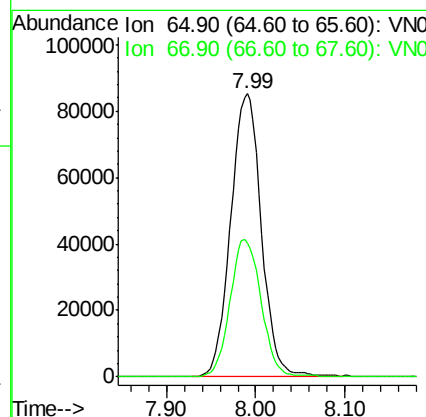
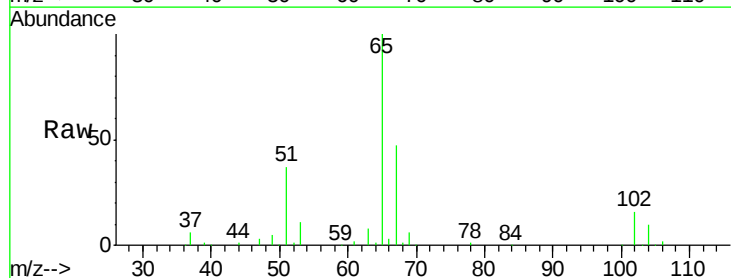
Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B21-100220-17.5-18.5

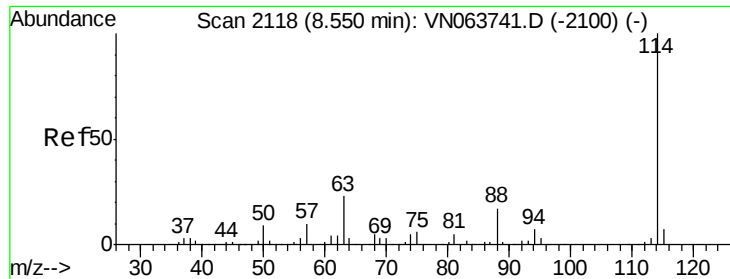
Tot Ion	Ratio	Lower	Upper
96	100		
61	158.1	0.0	321.2
98	68.3	0.0	124.4



#33
 1,2-Dichloroethane-d4
 Concen: 53.913 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063927.D
 Acq: 7 Oct 2020 5:54

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	99.6

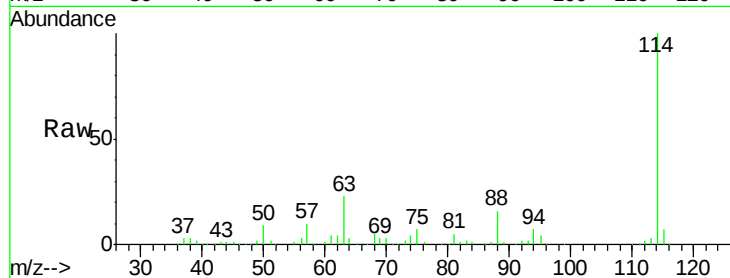




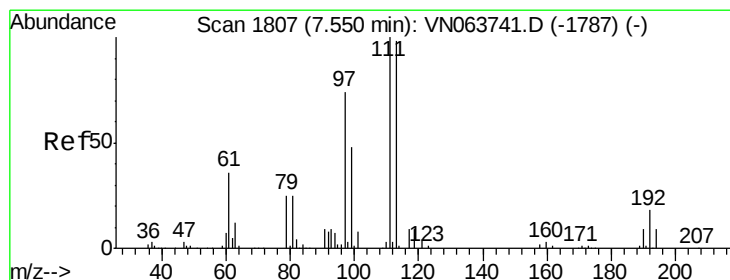
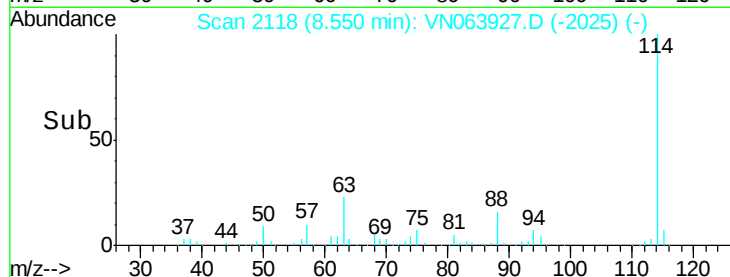
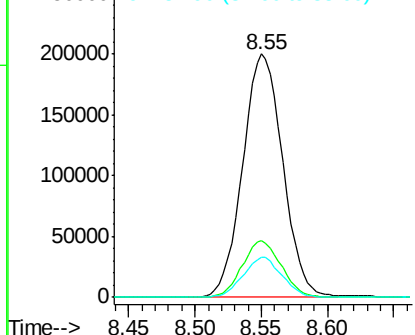
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063927.D
Acq: 7 Oct 2020 5:54

Instrument :
MSVOA_N
ClientSampleId :
PAV-B21-100220-17.5-18.5

Tot Ion:114 Resp: 420558
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 16.4 0.0 34.0

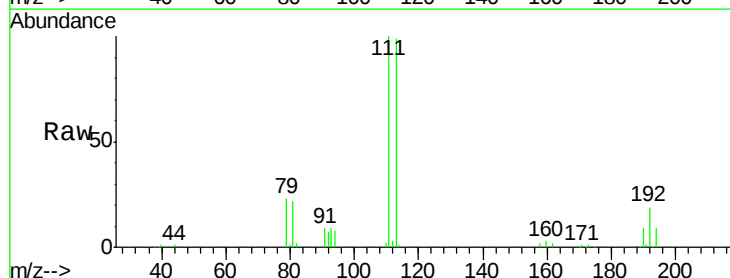


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

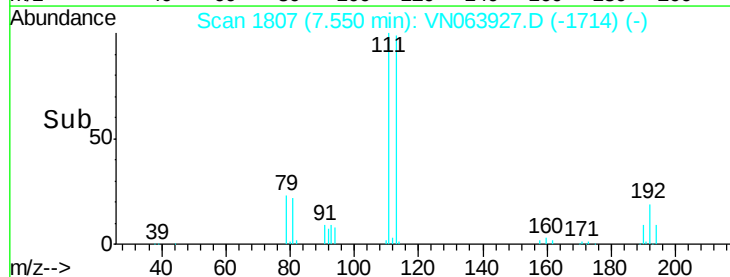
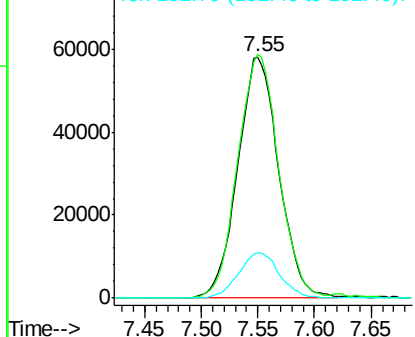


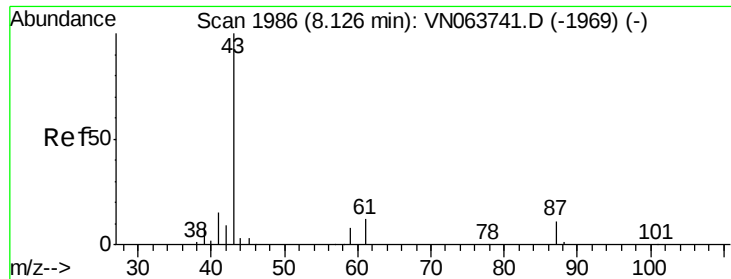
#35
Dibromofluoromethane
Concen: 50.089 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN063927.D
Acq: 7 Oct 2020 5:54

Tgt Ion:113 Resp: 146167
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.8
192 18.9 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



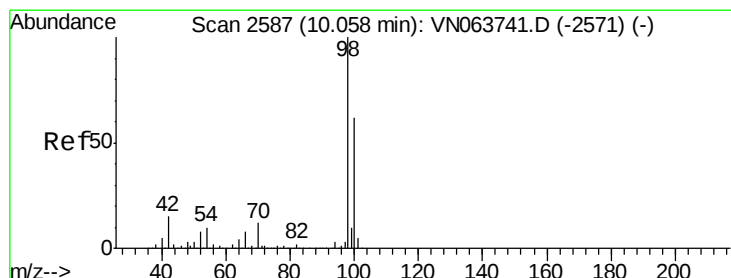
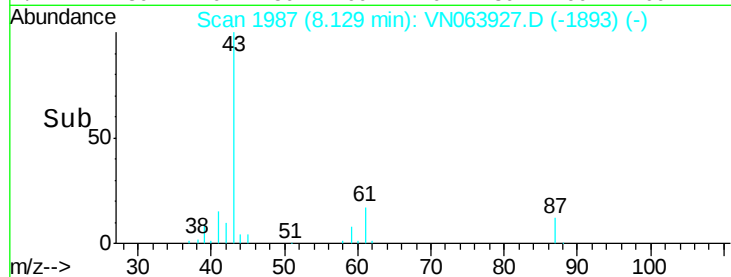
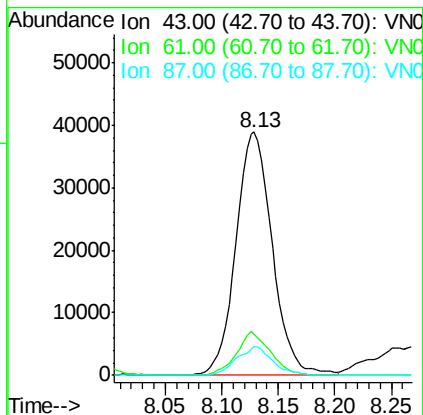
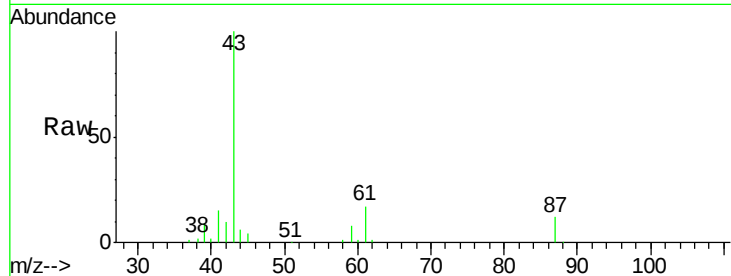


#43

Isopropyl Acetate
 Concen: 12.496 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063927.D
 Acq: 7 Oct 2020 5:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B21-100220-17.5-18.5

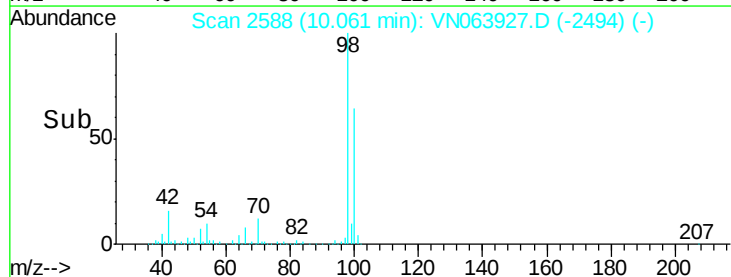
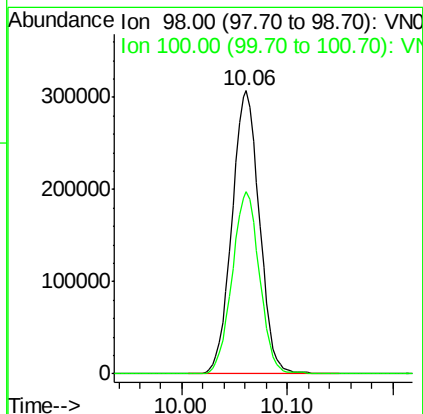
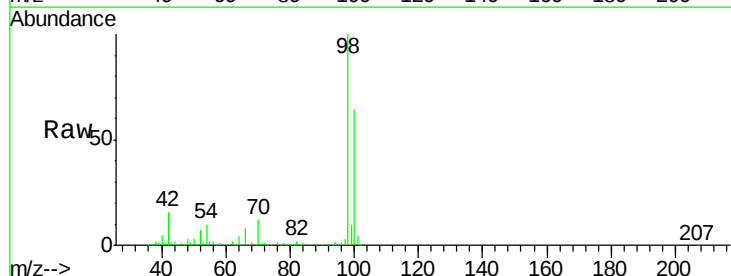
Tot Ion	43	Resp	87251
Ion Ratio	Lower	Upper	
43	100		
61	16.5	14.2	21.4
87	11.4	9.0	13.6

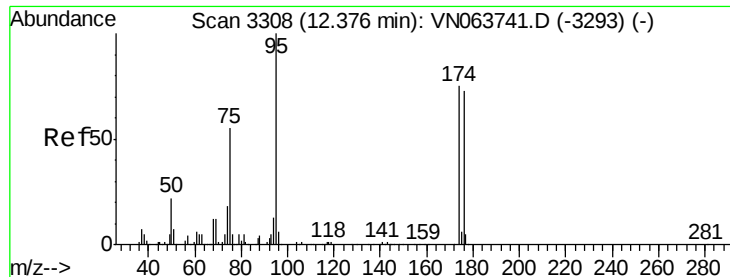


#50

Toluene-d8
 Concen: 50.060 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063927.D
 Acq: 7 Oct 2020 5:54

Tgt Ion	98	Resp	553783
Ion Ratio	Lower	Upper	
98	100		
100	64.1	49.8	74.6





#62

4-Bromofluorobenzene

Concen: 50.593 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063927.D

Acq: 7 Oct 2020 5:54

Instrument :

MSVOA_N

ClientSampleId :

PAV-B21-100220-17.5-18.5

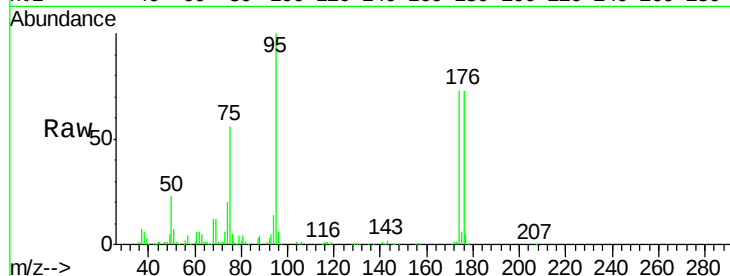
Tot Ion: 95 Resp: 210389

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.6

176 73.7 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

150000

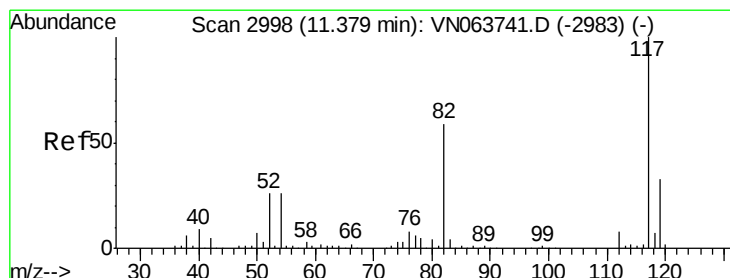
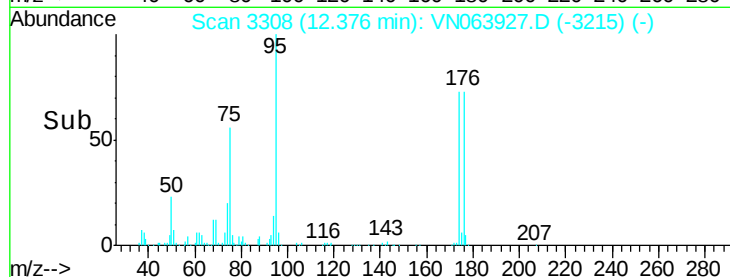
100000

50000

0

12.30 12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063927.D

Acq: 7 Oct 2020 5:54

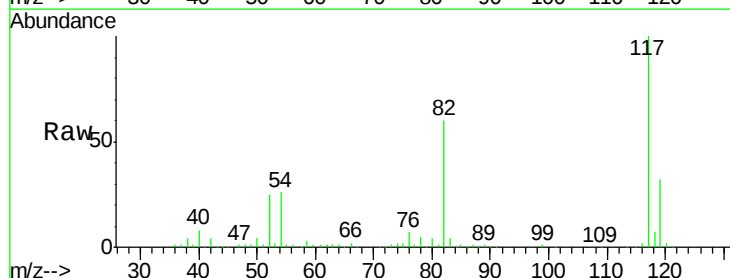
Tgt Ion: 117 Resp: 445060

Ion Ratio Lower Upper

117 100

82 59.9 47.4 71.2

119 31.9 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): VN063741.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063741.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063741.D (-2983) (-)

11.38

300000

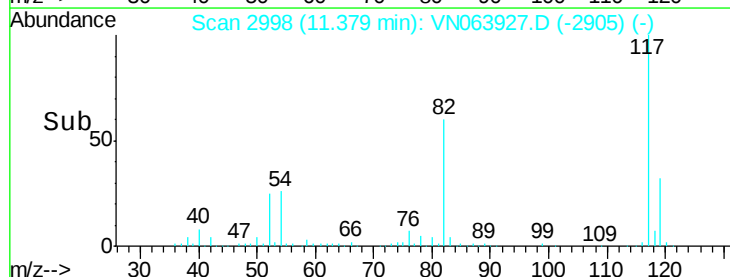
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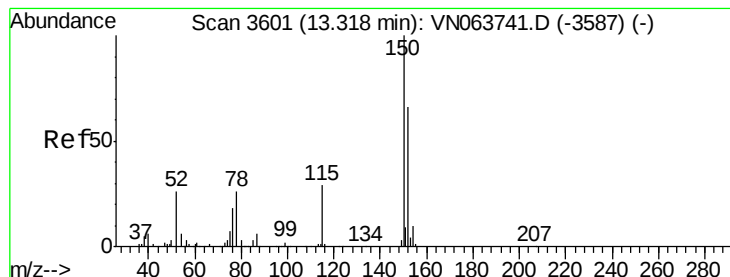
100000

0

11.30 11.40 11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063927.D

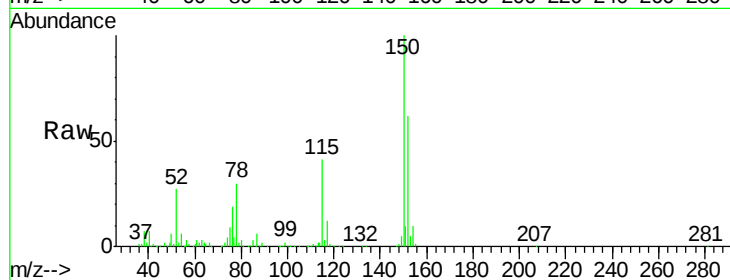
Acq: 7 Oct 2020 5:54

Instrument :

MSVOA_N

ClientSampleId :

PAV-B21-100220-17.5-18.5



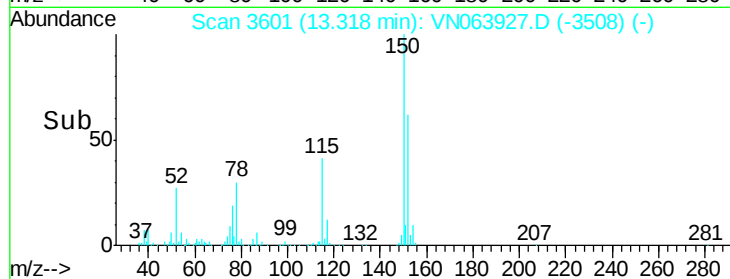
Tot Ion:152 Resp: 173773

Ion Ratio Lower Upper

152 100

115 62.9 31.3 93.8

150 158.7 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

