

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063464.D
 Acq On : 18 Sep 2020 17:49
 Operator : JC/MD
 Sample : L4059-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B33-091720-0-1

Quant Time: Sep 21 02:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

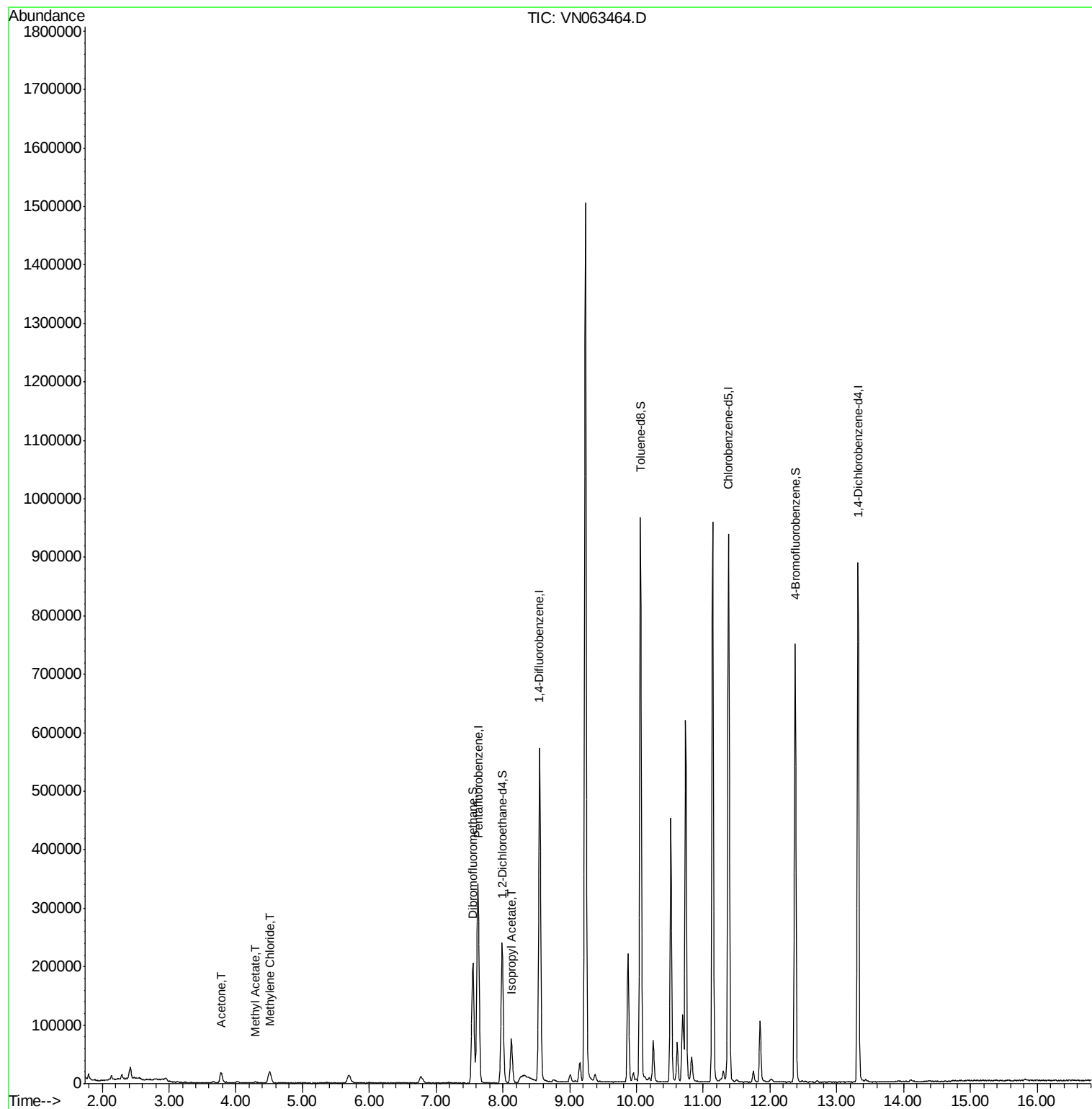
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	250681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	477898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	488449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	211563	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
35) Dibromofluoromethane	7.55	113	153372	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
50) Toluene-d8	10.06	98	623609	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.38	95	254872	55.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.78%	
Target Compounds						
16) Acetone	3.78	43	31860	23.231	ug/l	97
18) Methyl Acetate	4.29	43	4161	1.195	ug/l #	75
20) Methylene Chloride	4.51	84	14830	4.268	ug/l	95
43) Isopropyl Acetate	8.13	43	90835	10.166	ug/l	98

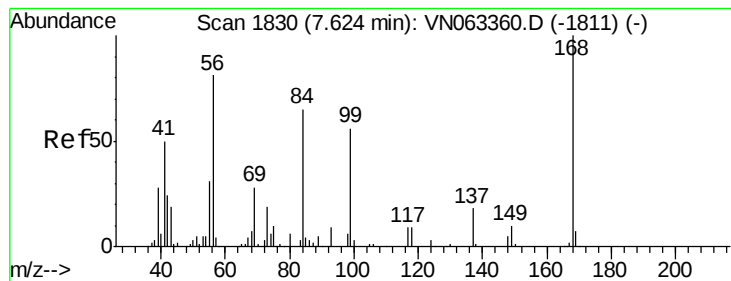
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091820\
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 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: VN063464.D

Acq: 18 Sep 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

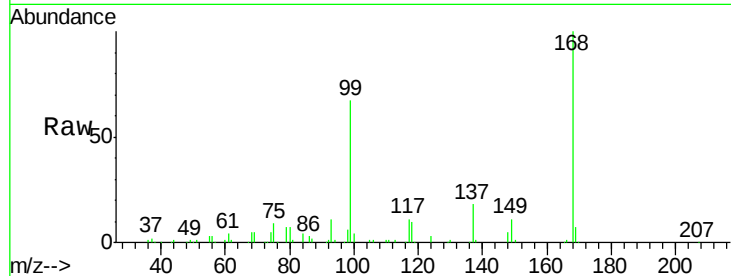
PAV-B33-091720-0-1

Tot Ion:168 Resp: 250681

Ion Ratio Lower Upper

168 100

99 66.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

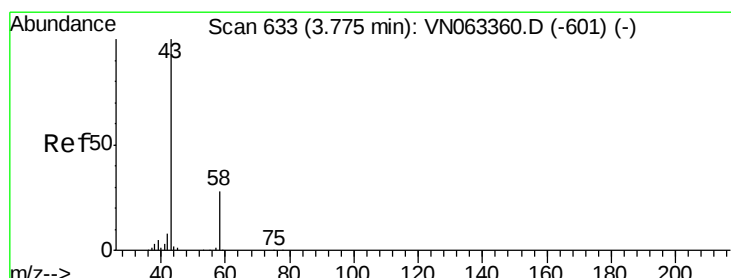
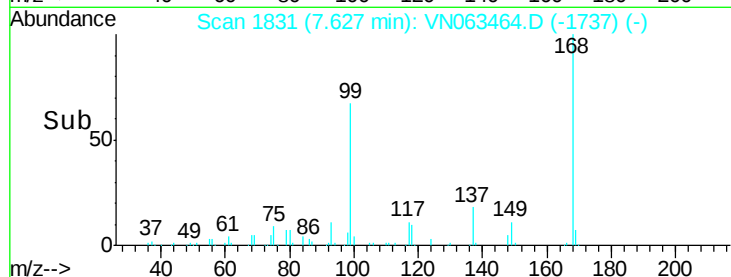
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 23.231 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063464.D

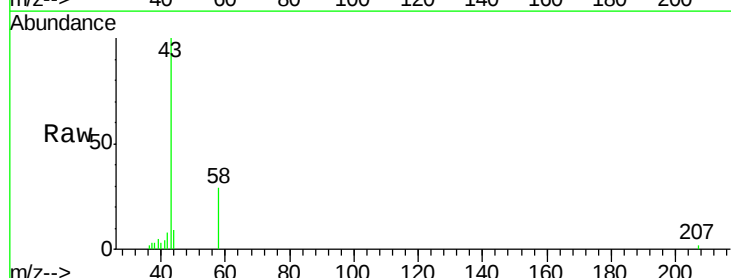
Acq: 18 Sep 2020 17:49

Tgt Ion: 43 Resp: 31860

Ion Ratio Lower Upper

43 100

58 29.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

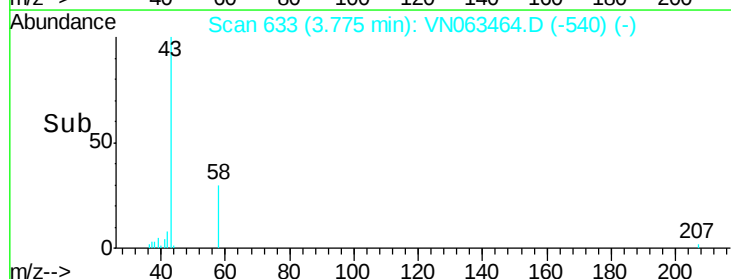
3.78

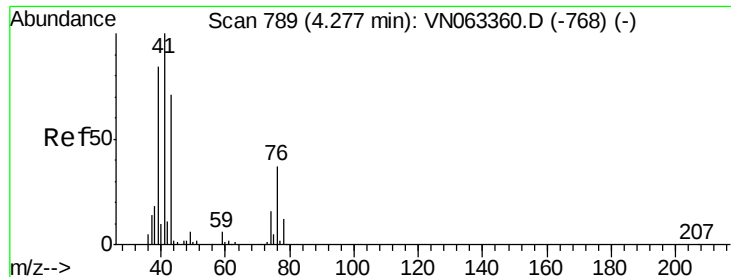
10000

5000

0

Time--> 3.70 3.75 3.80 3.85

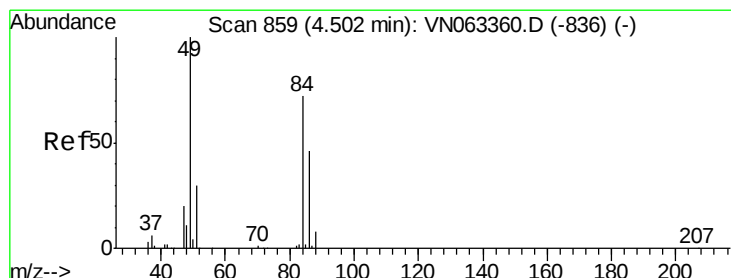
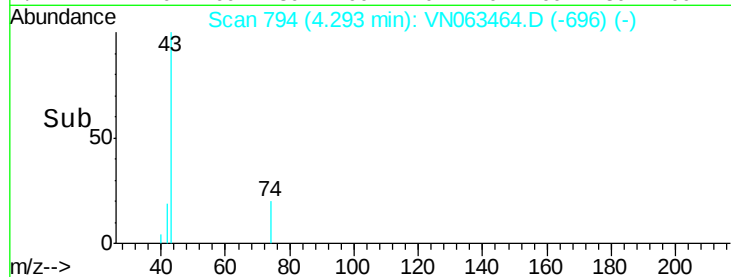
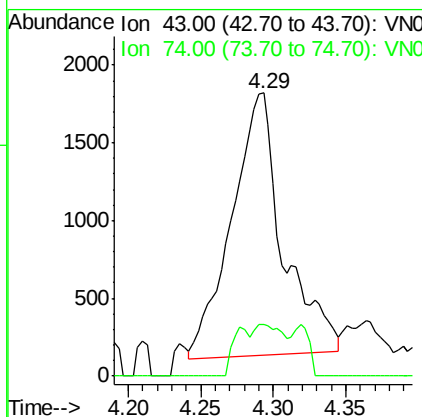
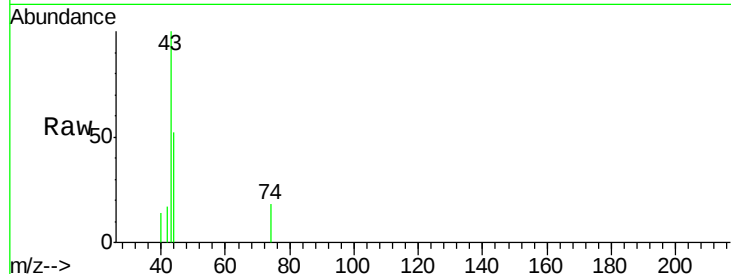




#18
Methyl Acetate
Concen: 1.195 ug/l
RT: 4.29 min Scan# 794
Delta R.T. 0.02 min
Lab File: VN063464.D
Acq: 18 Sep 2020 17:49

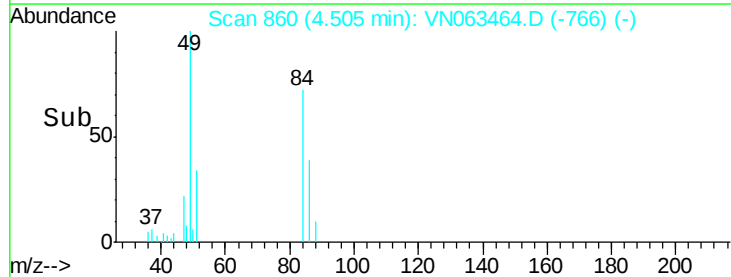
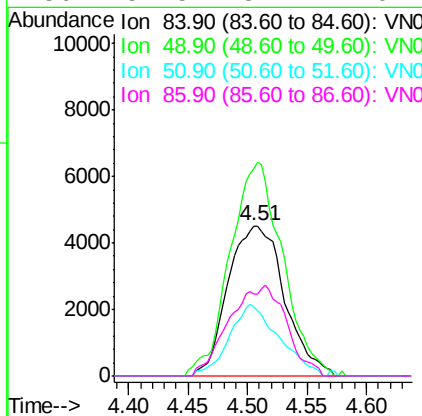
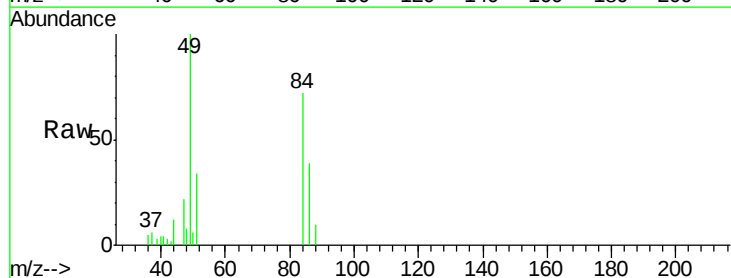
Instrument :
MSVOA_N
ClientSampleId :
PAV-B33-091720-0-1

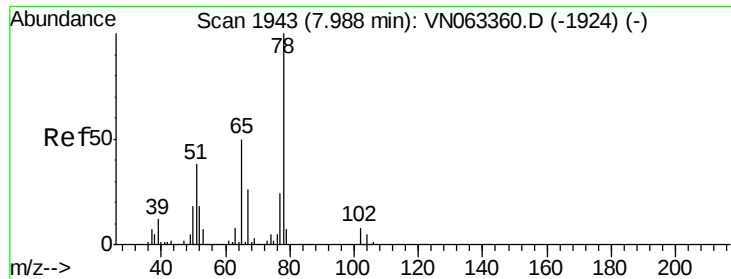
Tot Ion: 43 Resp: 4161
Ion Ratio Lower Upper
43 100
74 9.8 17.4 26.2#



#20
Methylene Chloride
Concen: 4.268 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063464.D
Acq: 18 Sep 2020 17:49

Tgt Ion: 84 Resp: 14830
Ion Ratio Lower Upper
84 100
49 138.0 110.7 166.1
51 46.3 32.9 49.3
86 54.5 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 49.578 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063464.D

Acq: 18 Sep 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

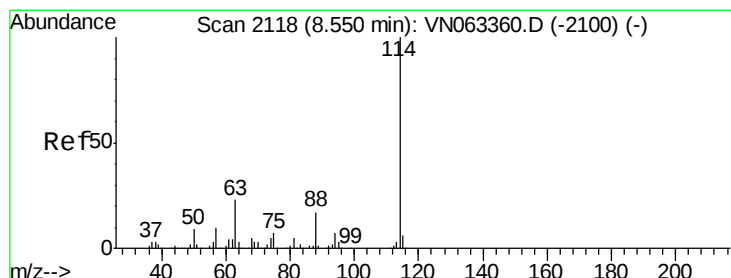
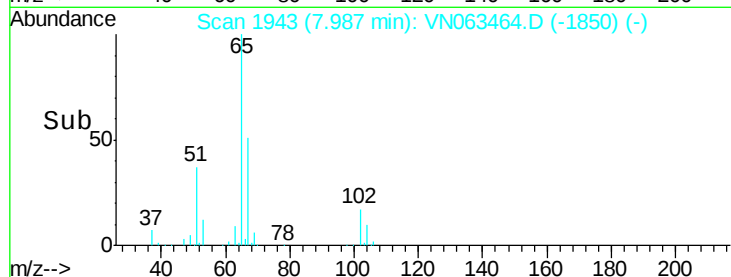
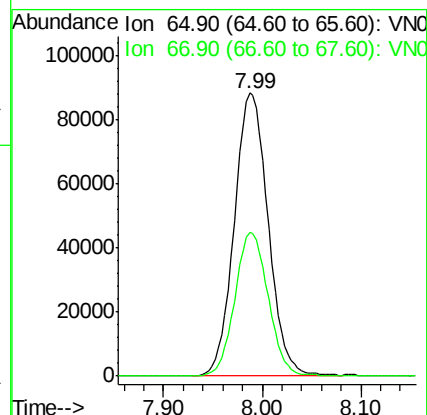
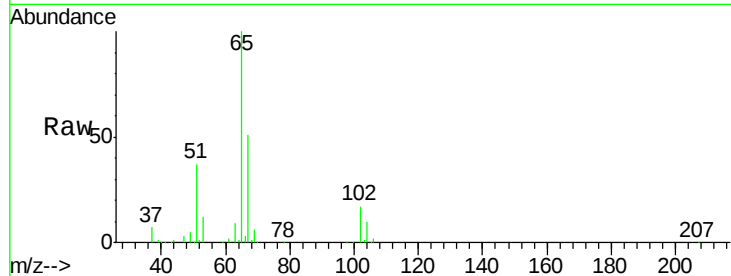
PAV-B33-091720-0-1

Tot Ion: 65 Resp: 211563

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063464.D

Acq: 18 Sep 2020 17:49

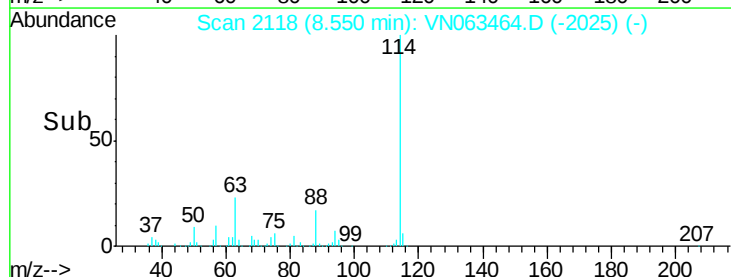
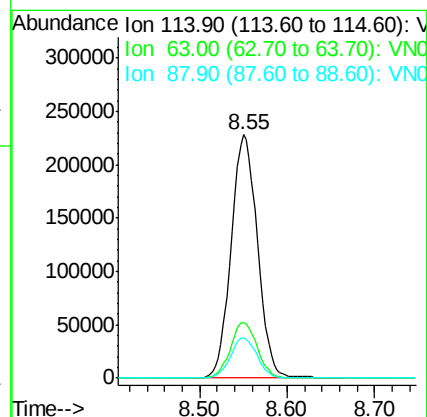
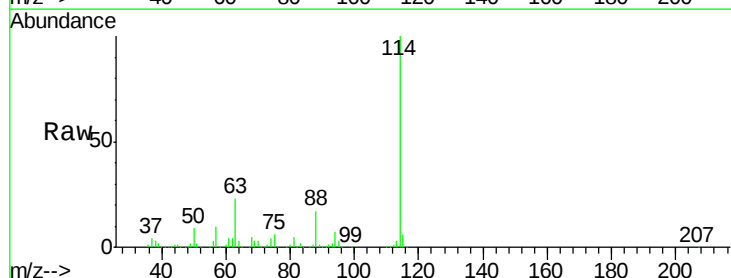
Tgt Ion: 114 Resp: 477898

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.4

88 16.6 0.0 33.2

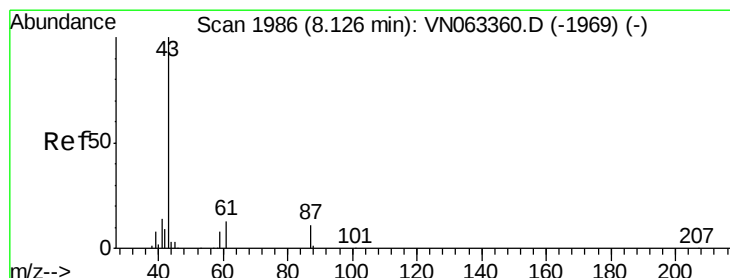
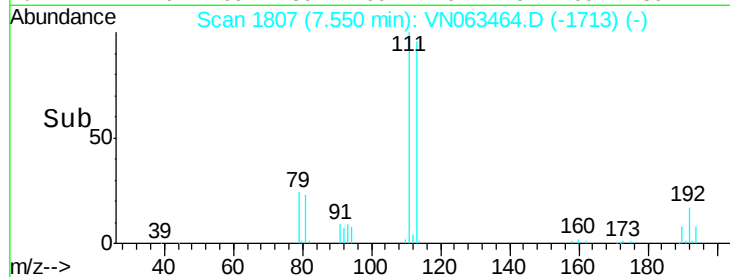
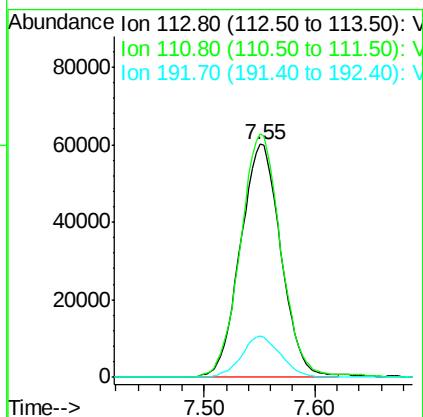
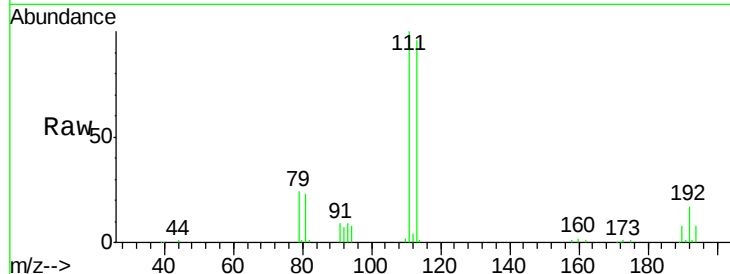




#35
 Dibromofluoromethane
 Concen: 46.358 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063464.D
 Acq: 18 Sep 2020 17:49

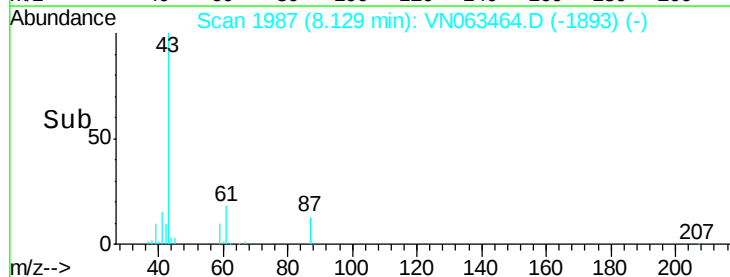
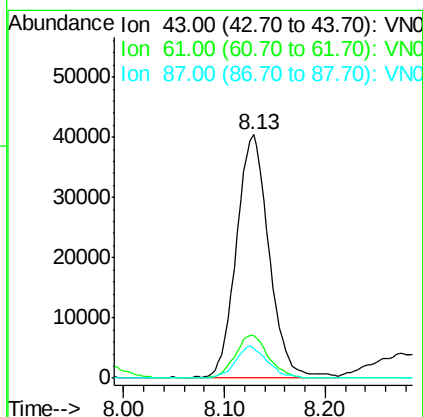
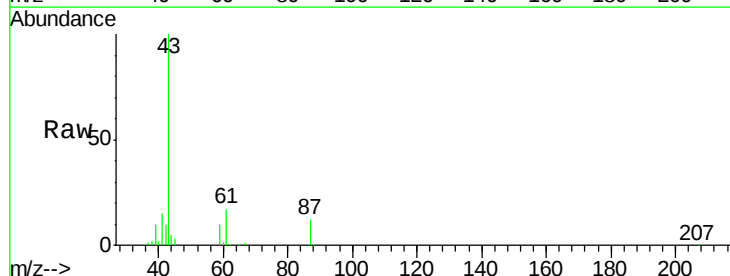
Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B33-091720-0-1

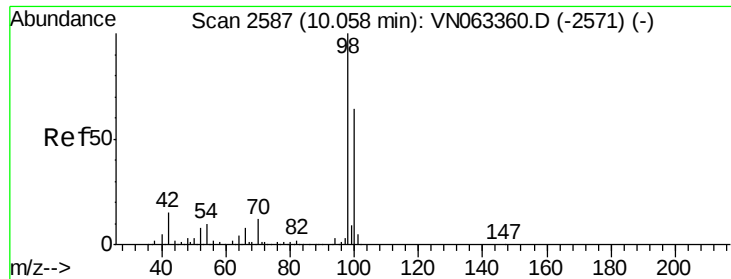
Tot Ion:113 Resp: 153372
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.9 124.3
 192 17.1 13.9 20.9



#43
 Isopropyl Acetate
 Concen: 10.166 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063464.D
 Acq: 18 Sep 2020 17:49

Tgt Ion: 43 Resp: 90835
 Ion Ratio Lower Upper
 43 100
 61 17.8 14.2 21.2
 87 12.7 9.0 13.6





#50

Toluene-d8

Concen: 50.129 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063464.D

Acq: 18 Sep 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

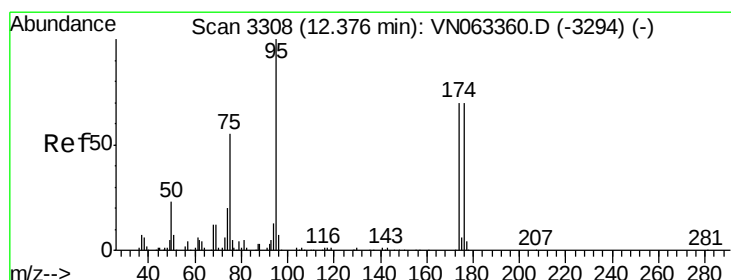
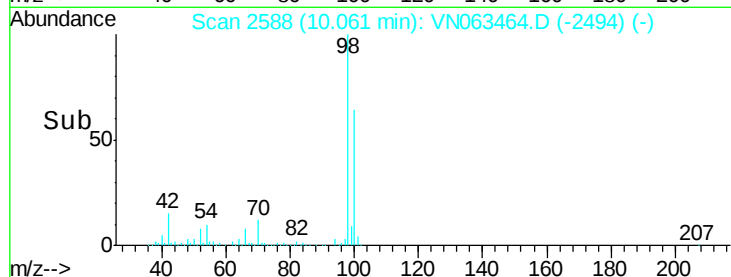
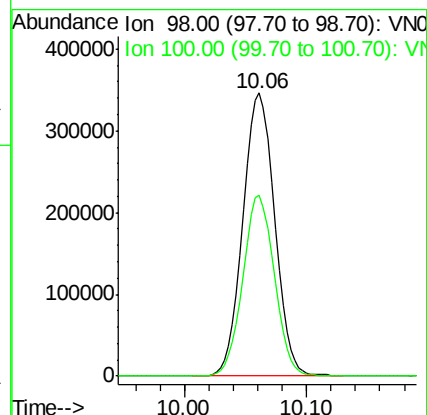
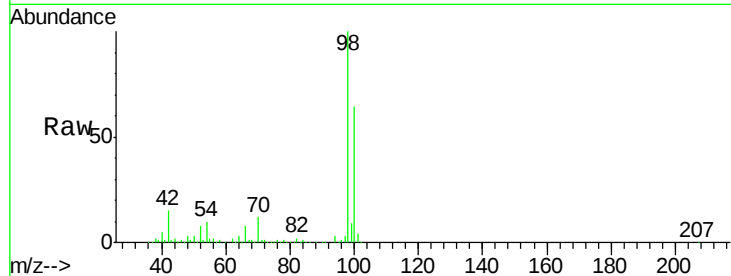
PAV-B33-091720-0-1

Tot Ion: 98 Resp: 623609

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 55.889 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063464.D

Acq: 18 Sep 2020 17:49

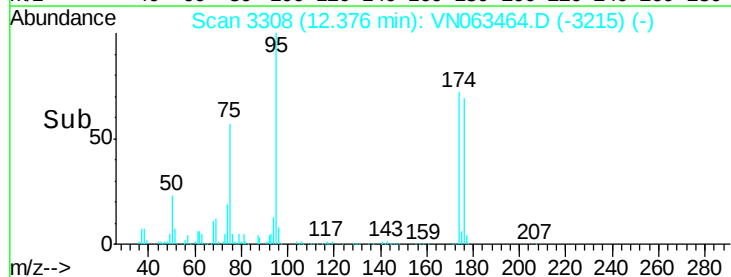
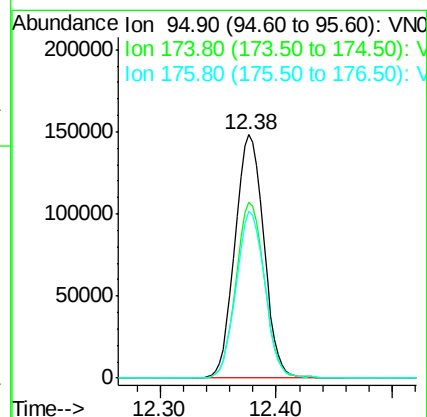
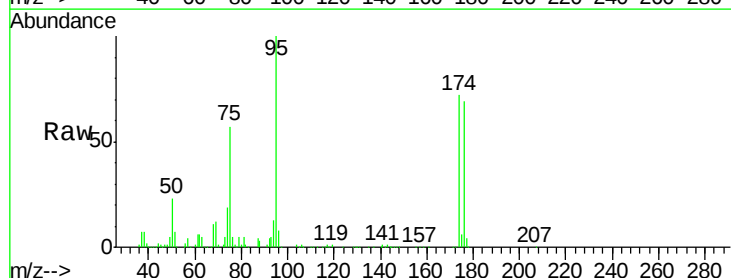
Tgt Ion: 95 Resp: 254872

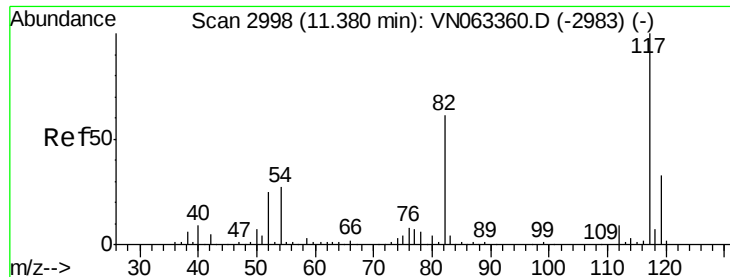
Ion Ratio Lower Upper

95 100

174 71.0 0.0 140.8

176 67.7 0.0 137.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063464.D

Acq: 18 Sep 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

PAV-B33-091720-0-1

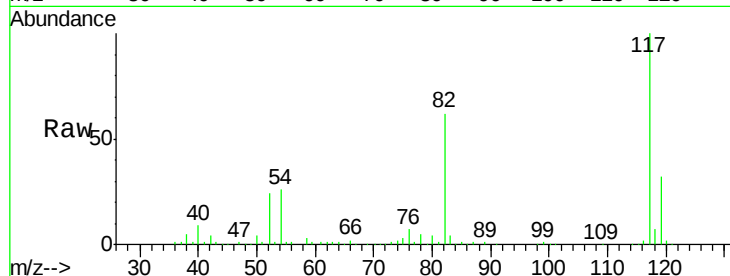
Tot Ion:117 Resp: 488449

Ion Ratio Lower Upper

117 100

82 62.2 49.2 73.8

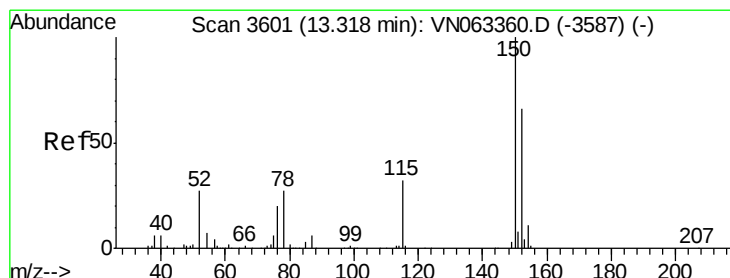
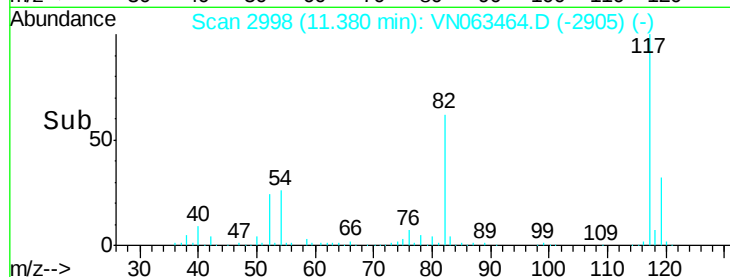
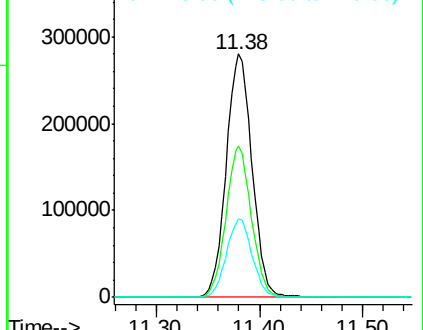
119 32.3 26.2 39.4



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: VN063464.D

Acq: 18 Sep 2020 17:49

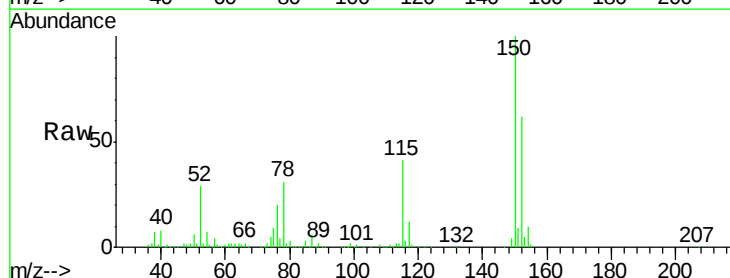
Tgt Ion:152 Resp: 213246

Ion Ratio Lower Upper

152 100

115 64.9 32.2 96.6

150 159.6 0.0 343.4



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

