

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064022.D
 Acq On : 9 Oct 2020 5:40
 Operator : JC/MD
 Sample : L4291-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B4-100620-DP

Quant Time: Oct 09 12:12:57 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

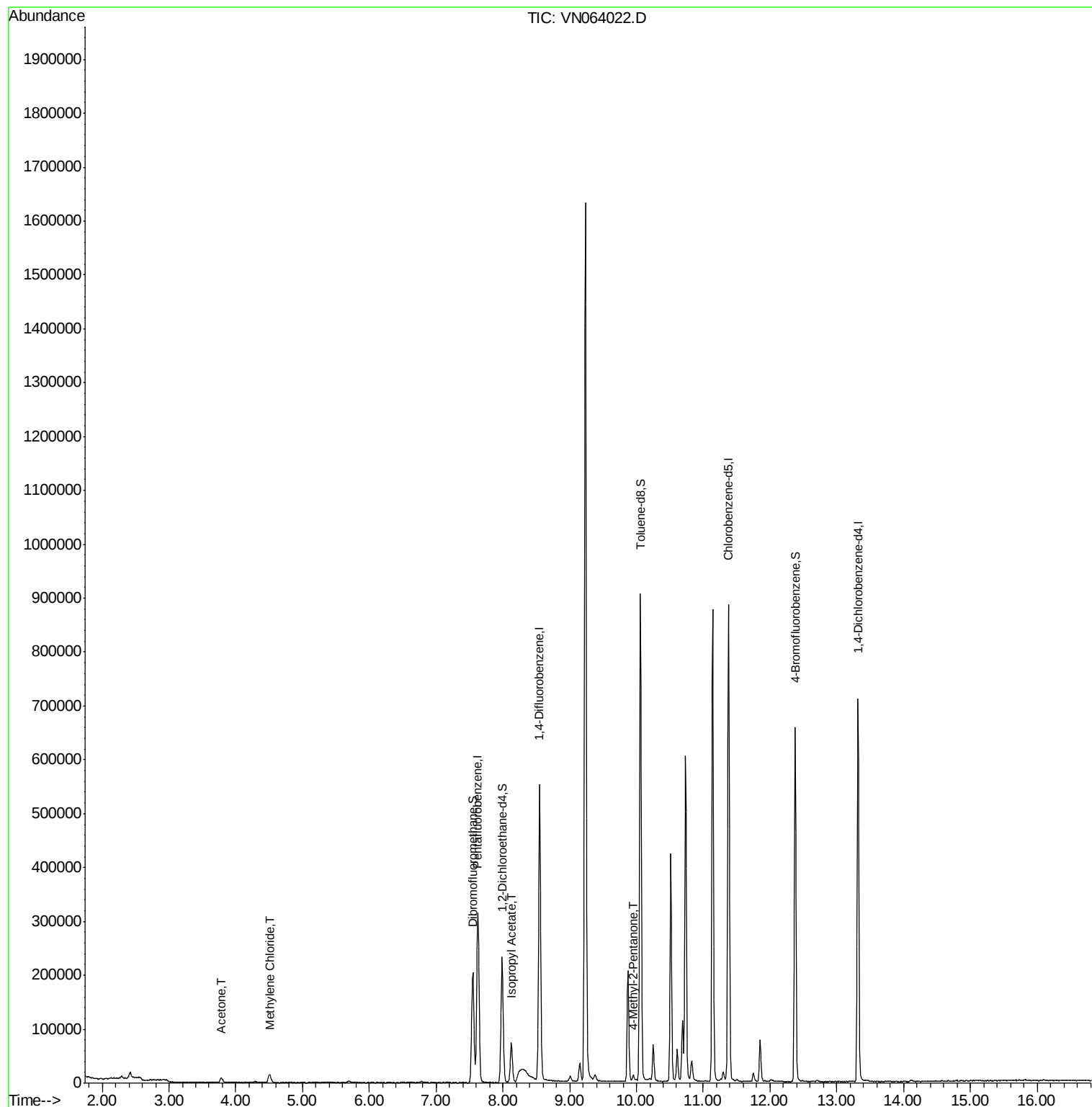
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	238768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	461948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	478567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	204190	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
35) Dibromofluoromethane	7.55	113	153440	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
50) Toluene-d8	10.06	98	594877	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.38	95	221221	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
Target Compounds						
16) Acetone	3.79	43	15186	12.506	ug/l	99
20) Methylene Chloride	4.51	84	10371	3.820	ug/l	91
43) Isopropyl Acetate	8.13	43	90371	11.783	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	9432	2.096	ug/l	91

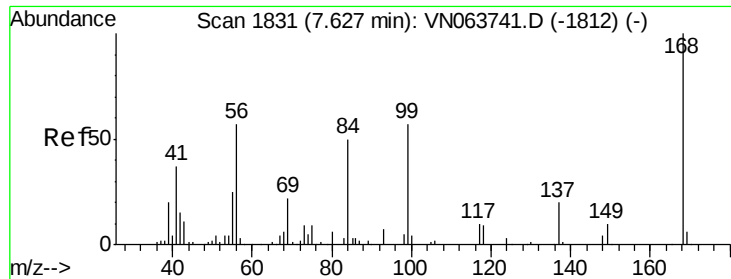
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100820\
Data File : VN064022.D
Acq On : 9 Oct 2020 5:40
Operator : JC/MD
Sample : L4291-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PAV-B4-100620-DP

Quant Time: Oct 09 12:12:57 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: VN064022.D

Acq: 9 Oct 2020 5:40

Instrument :

MSVOA_N

ClientSampleId :

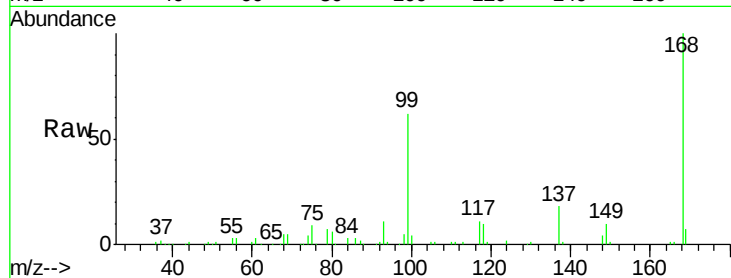
PAV-B4-100620-DP

Tot Ion:168 Resp: 238768

Ion Ratio Lower Upper

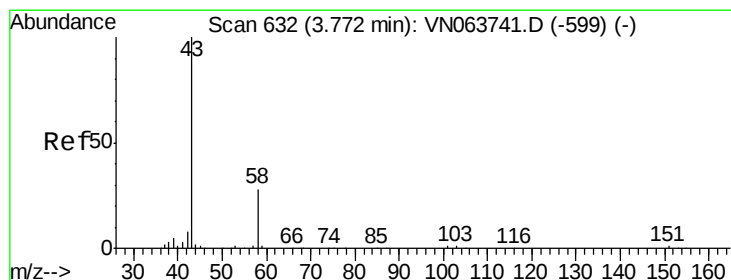
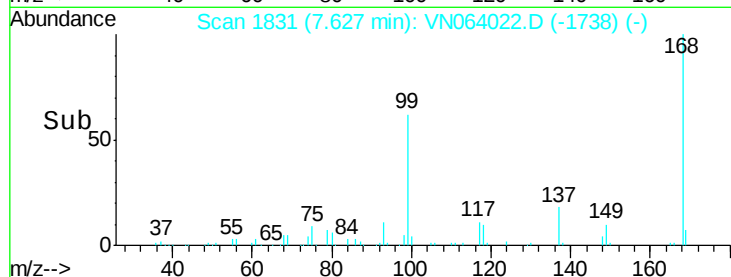
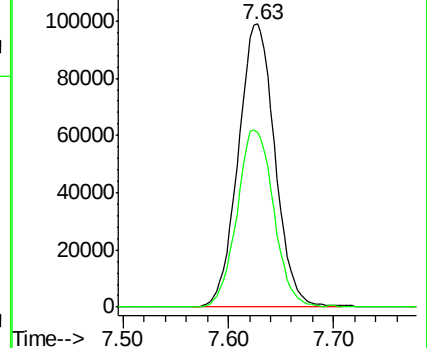
168 100

99 61.9 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 12.506 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064022.D

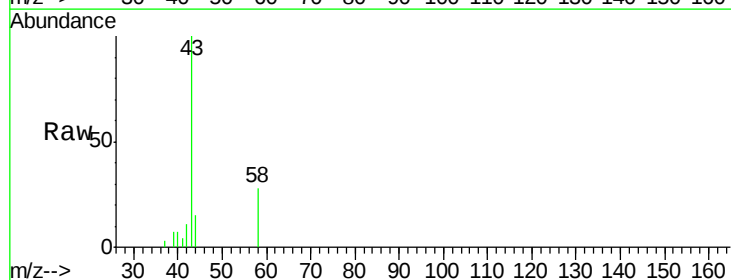
Acq: 9 Oct 2020 5:40

Tgt Ion: 43 Resp: 15186

Ion Ratio Lower Upper

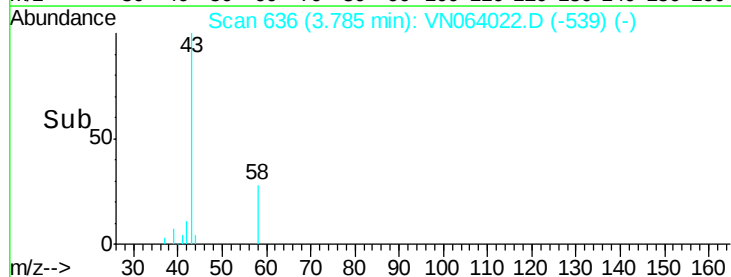
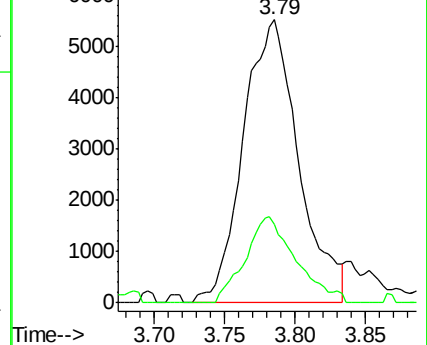
43 100

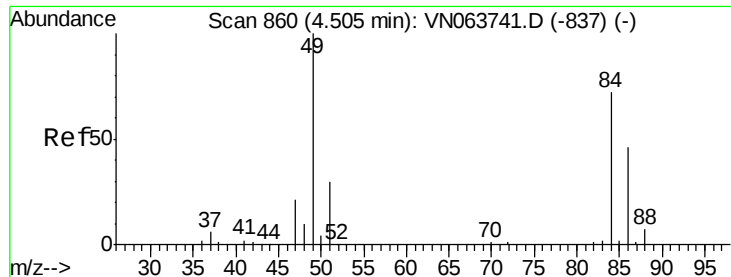
58 27.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

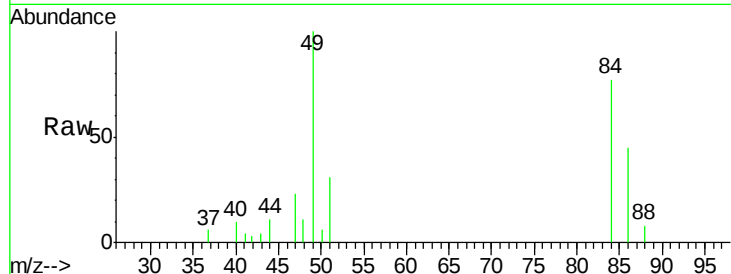




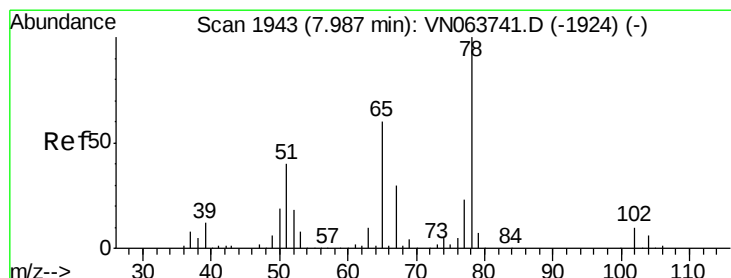
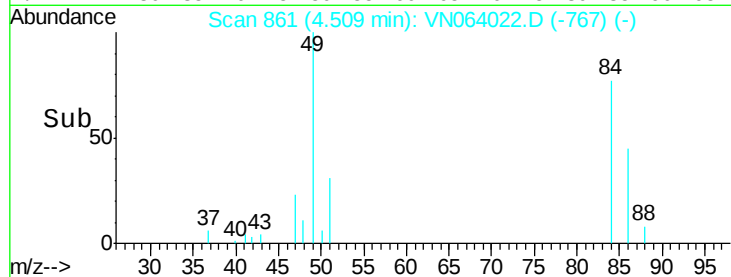
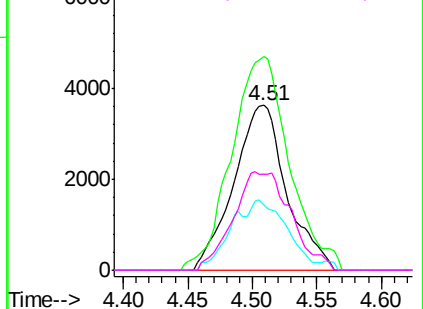
#20
Methvlene Chloride
Concen: 3.820 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064022.D
Acq: 9 Oct 2020 5:40

Instrument :
MSVOA_N
ClientSampleId :
PAV-B4-100620-DP

Tot Ion: 84 Resp: 10371
Ion Ratio Lower Upper
84 100
49 124.2 110.4 165.6
51 39.9 33.3 49.9
86 58.3 50.7 76.1

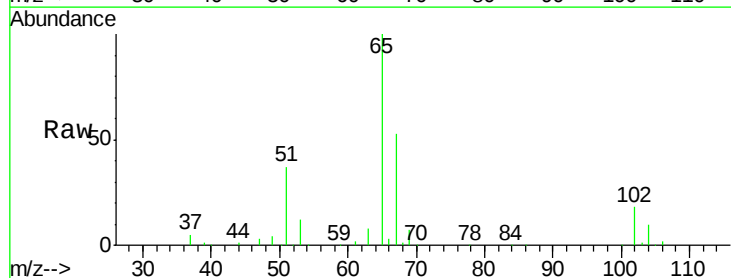


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

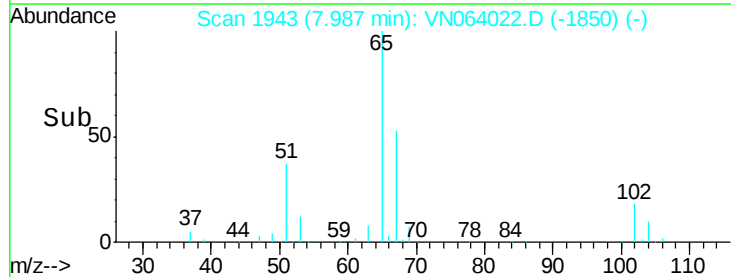
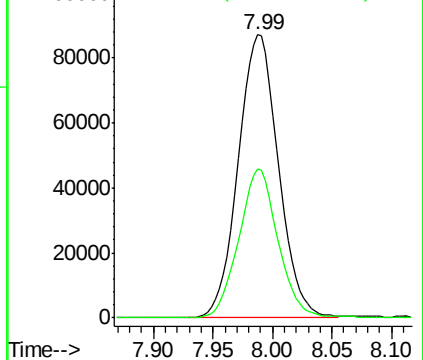


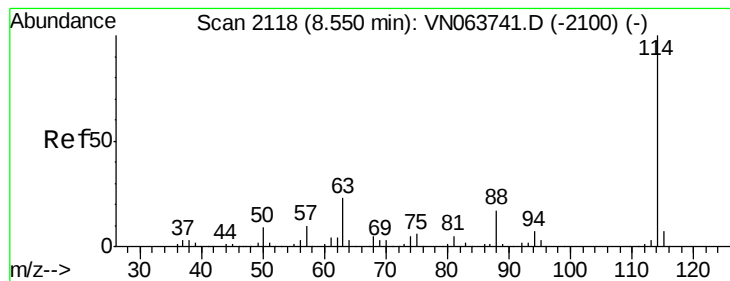
#33
1,2-Dichloroethane-d4
Concen: 51.764 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064022.D
Acq: 9 Oct 2020 5:40

Tgt Ion: 65 Resp: 204190
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064022.D

Acq: 9 Oct 2020 5:40

Instrument :

MSVOA_N

ClientSampleId :

PAV-B4-100620-DP

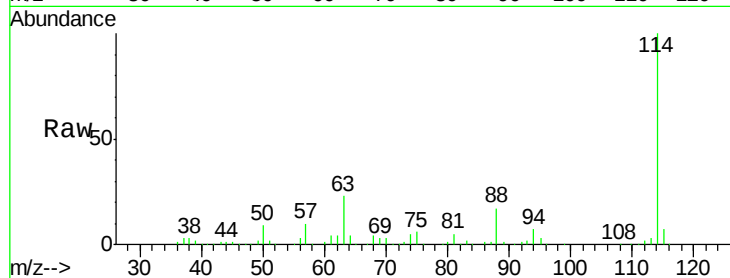
Tot Ion:114 Resp: 461948

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

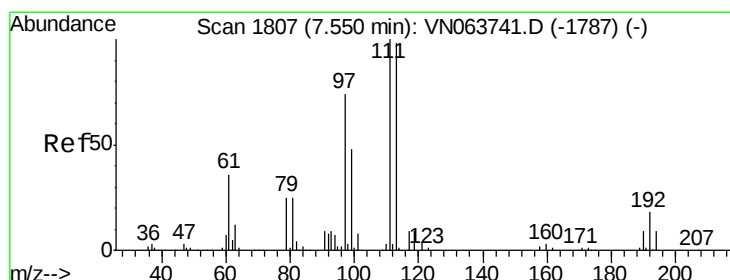
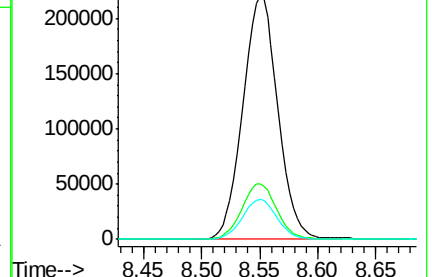
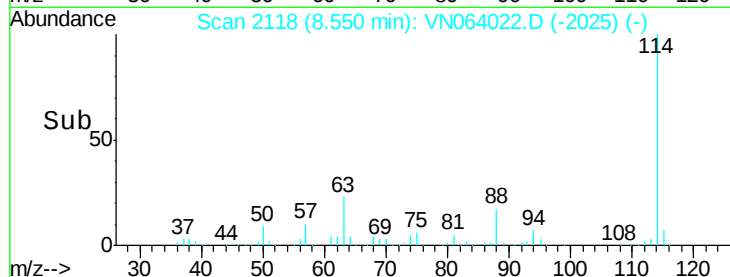
88 16.5 0.0 34.0



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: 47.870 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064022.D

Acq: 9 Oct 2020 5:40

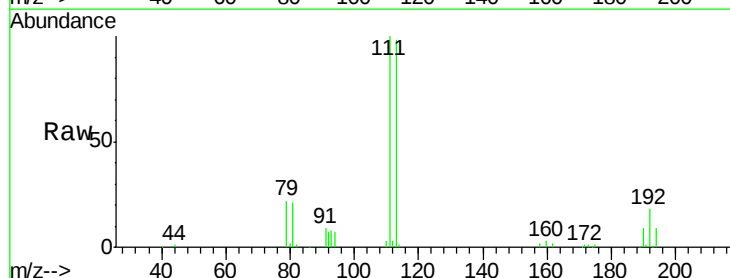
Tgt Ion:113 Resp: 153440

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

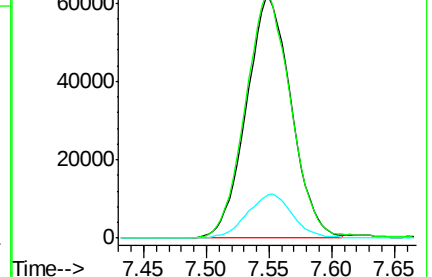
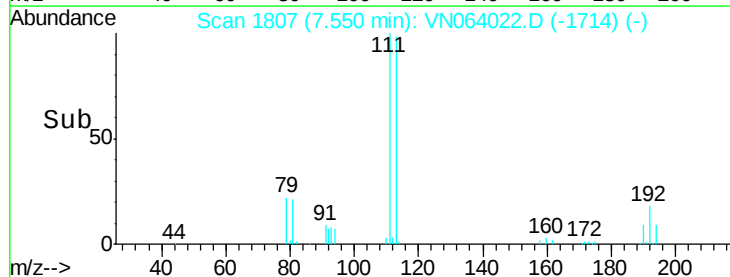
192 18.3 14.2 21.2

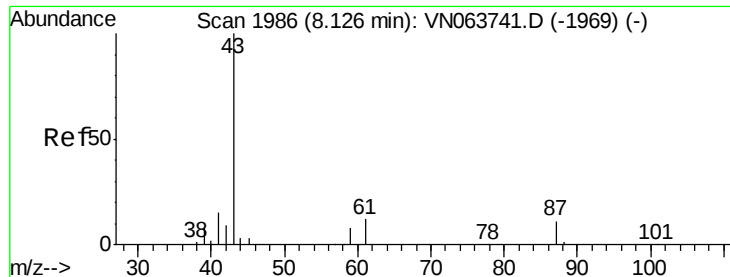


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.783 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064022.D

Acq: 9 Oct 2020 5:40

Instrument :

MSVOA_N

ClientSampleId :

PAV-B4-100620-DP

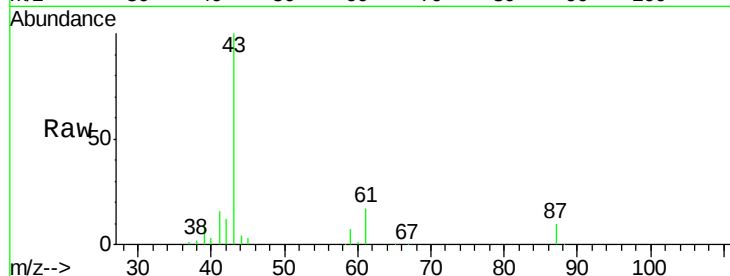
Tot Ion: 43 Resp: 90371

Ion Ratio Lower Upper

43 100

61 17.4 14.2 21.4

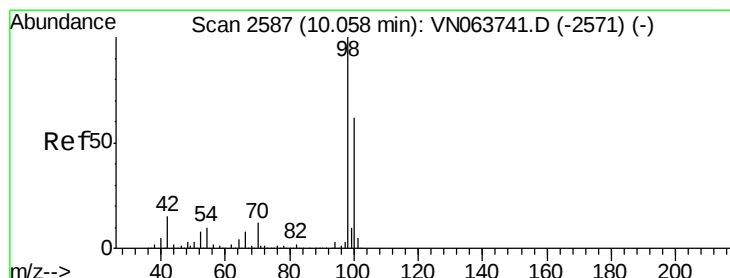
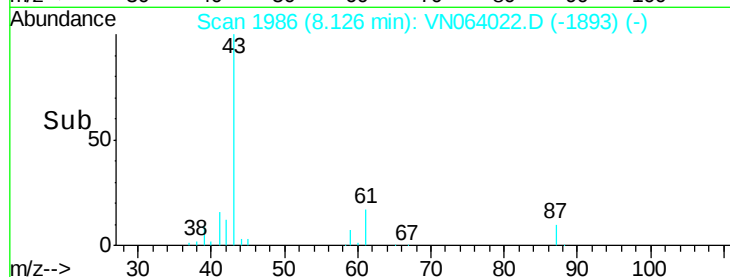
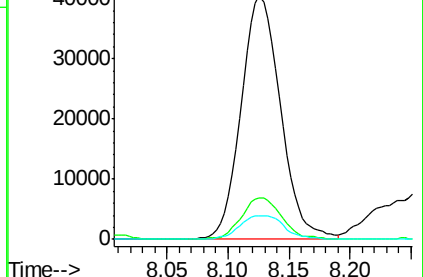
87 10.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#50

Toluene-d8

Concen: 48.957 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064022.D

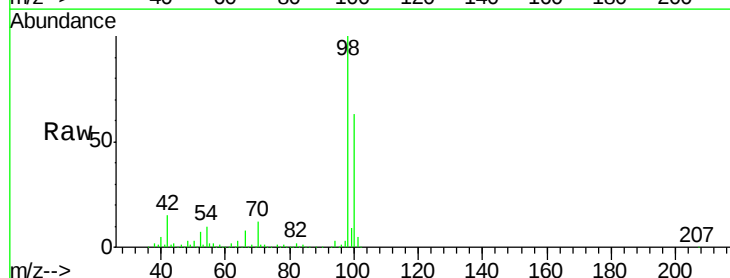
Acq: 9 Oct 2020 5:40

Tgt Ion: 98 Resp: 594877

Ion Ratio Lower Upper

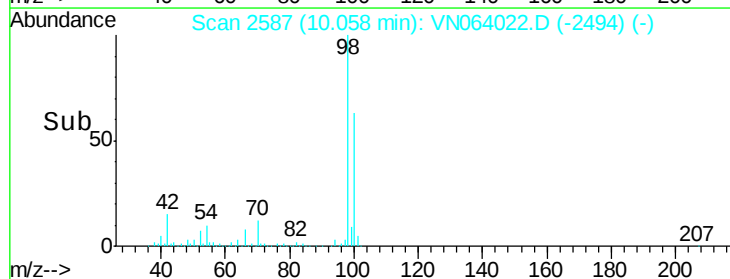
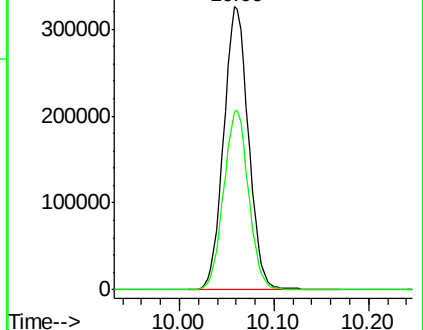
98 100

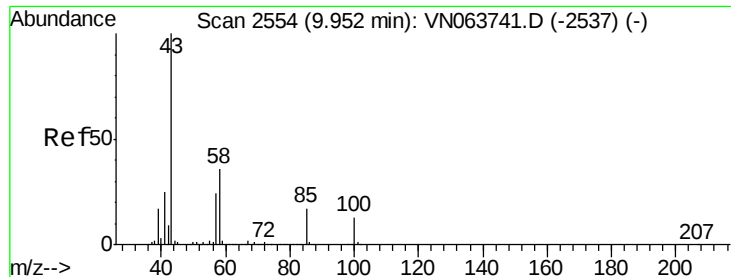
100 63.4 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

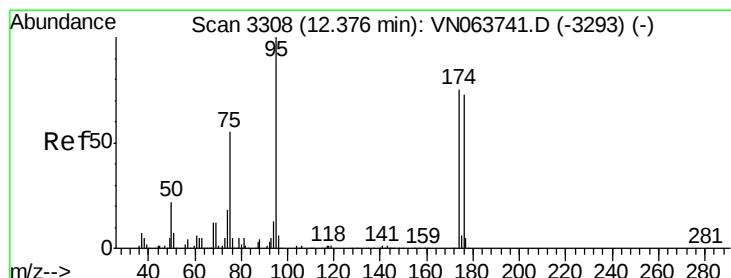
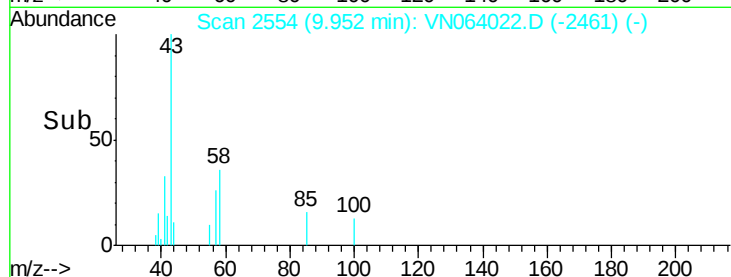
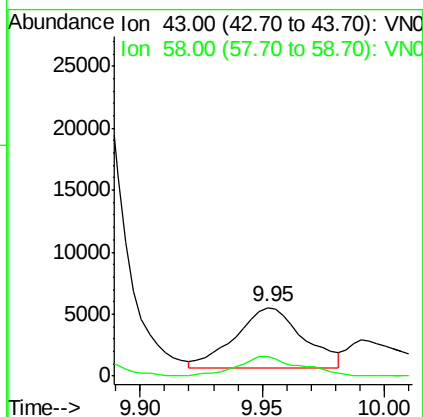
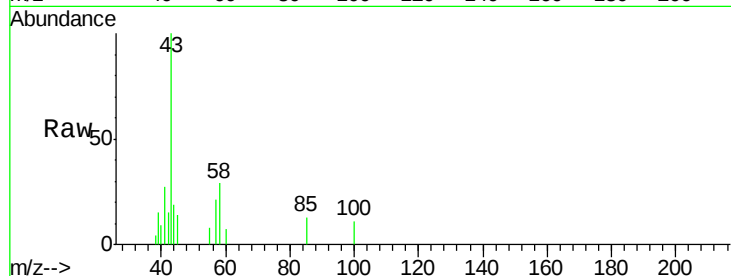




#51
 4-Methyl-2-Pentanone
 Concen: 2.096 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064022.D
 Acq: 9 Oct 2020 5:40

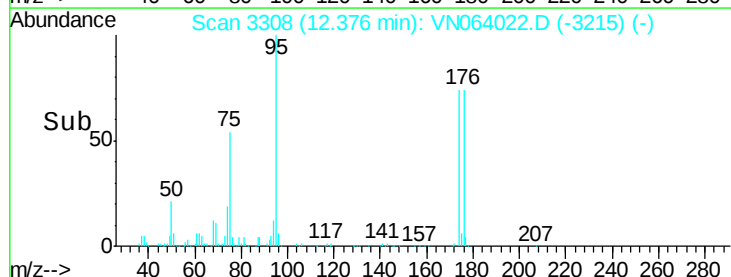
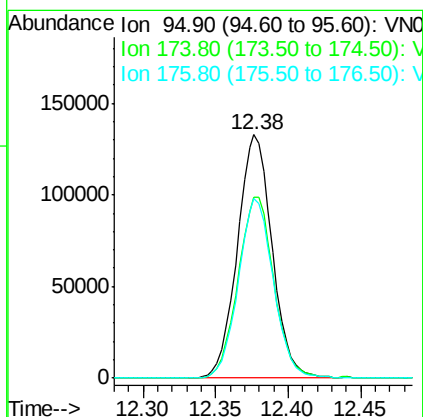
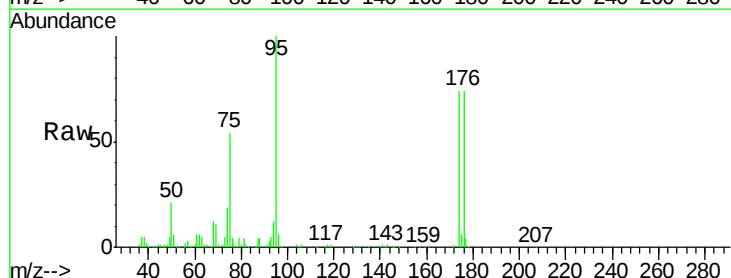
Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B4-100620-DP

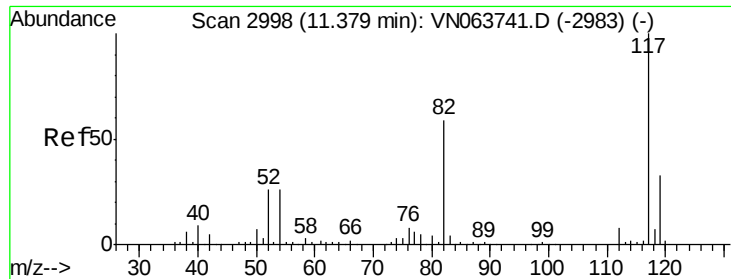
Tot Ion: 43 Resp: 9432
 Ion Ratio Lower Upper
 43 100
 58 30.4 28.4 42.6



#62
 4-Bromofluorobenzene
 Concen: 48.431 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064022.D
 Acq: 9 Oct 2020 5:40

Tgt Ion: 95 Resp: 221221
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 150.6
 176 74.4 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064022.D

Acq: 9 Oct 2020 5:40

Instrument :

MSVOA_N

ClientSampleId :

PAV-B4-100620-DP

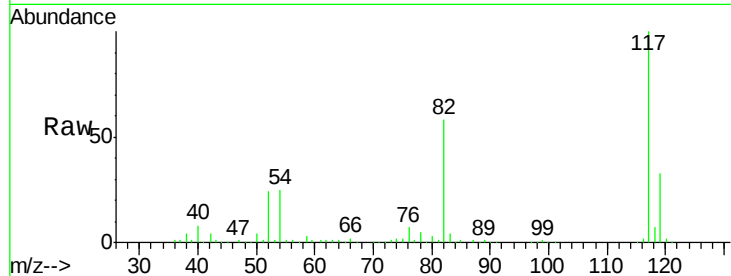
Tot Ion:117 Resp: 478567

Ion Ratio Lower Upper

117 100

82 58.1 47.4 71.2

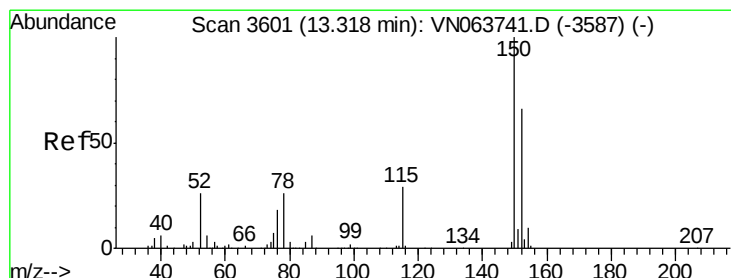
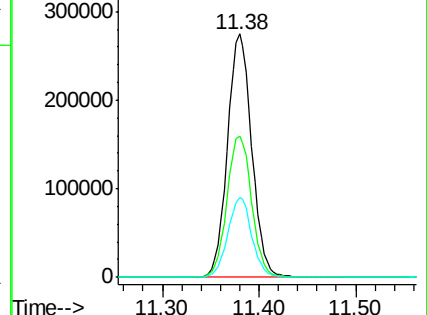
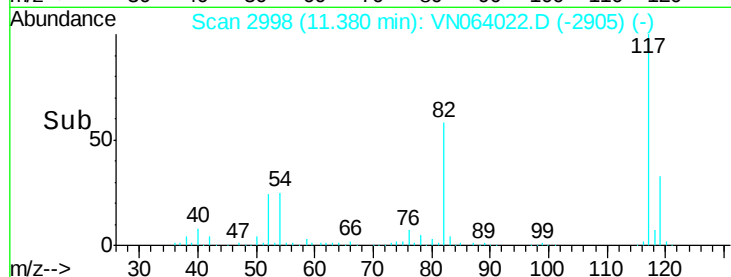
119 32.7 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN064022.D

Acq: 9 Oct 2020 5:40

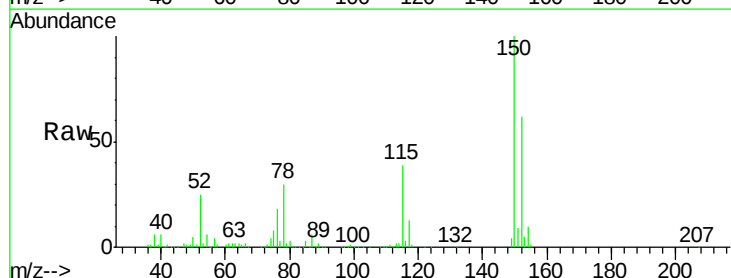
Tgt Ion:152 Resp: 182808

Ion Ratio Lower Upper

152 100

115 62.3 31.3 93.8

150 156.2 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

