

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063852.D
 Acq On : 3 Oct 2020 4:44
 Operator : JC/MD
 Sample : L4198-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-20

Quant Time: Oct 05 08:29:28 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

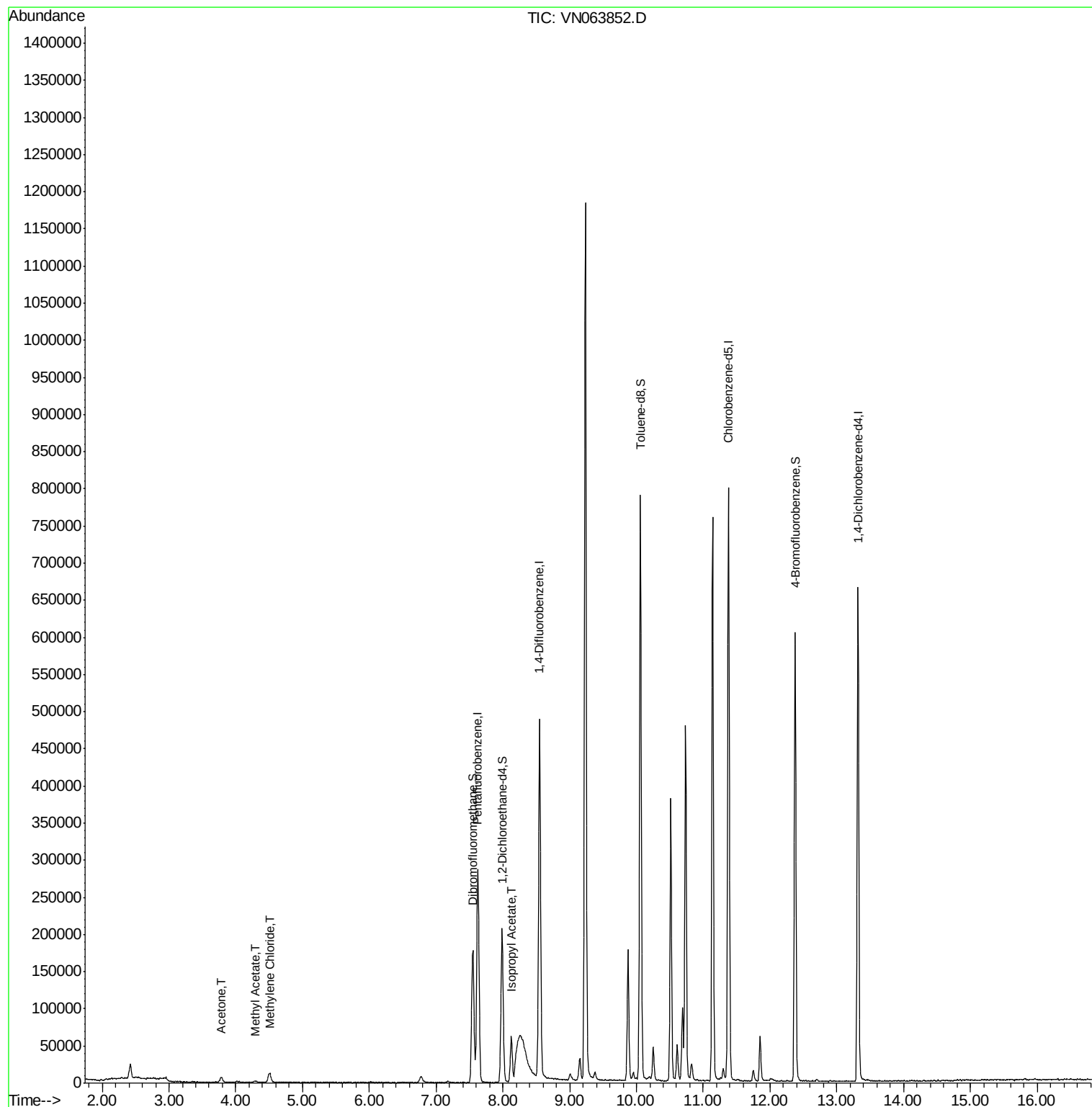
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	208437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	401366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	163639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189205	54.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.90%	
35) Dibromofluoromethane	7.55	113	134579	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
50) Toluene-d8	10.06	98	509013	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.38	95	198539	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
Target Compounds						
16) Acetone	3.78	43	12248	11.554	ug/l	97
18) Methyl Acetate	4.28	43	3888	1.413	ug/l #	73
20) Methylene Chloride	4.50	84	9675	4.075	ug/l #	87
43) Isopropyl Acetate	8.13	43	72088	10.818	ug/l	98

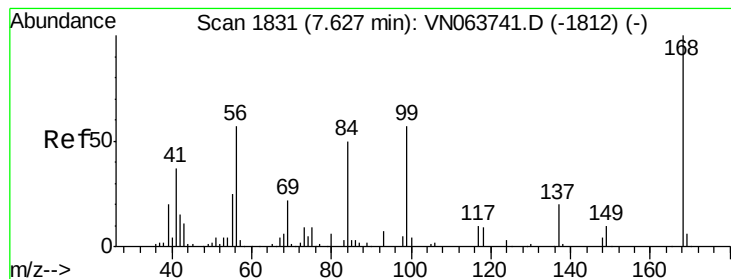
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063852.D

Acq: 3 Oct 2020 4:44

Instrument :

MSVOA_N

ClientSampleId :

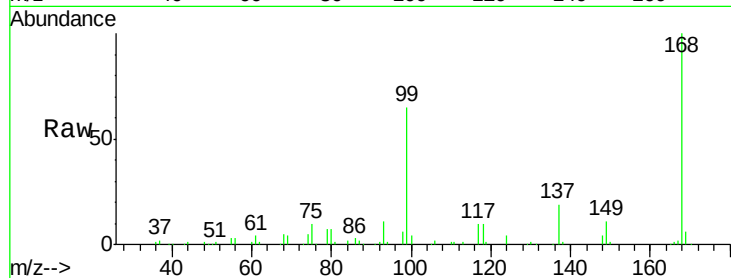
RO-20

Tot Ion:168 Resp: 208437

Ion Ratio Lower Upper

168 100

99 65.3 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

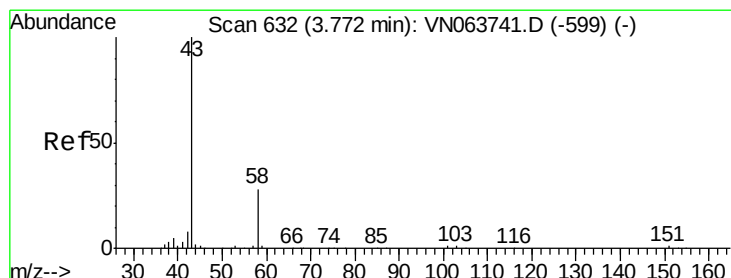
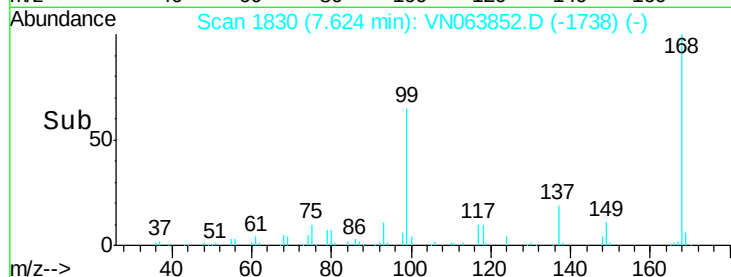
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 11.554 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063852.D

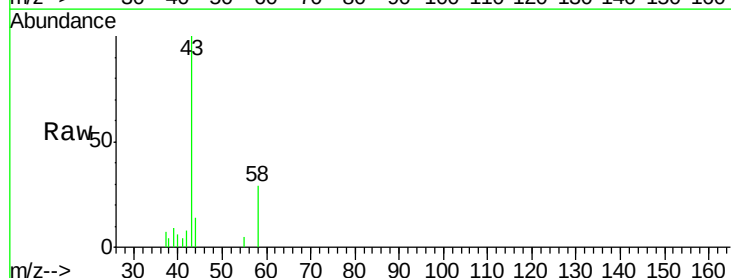
Acq: 3 Oct 2020 4:44

Tgt Ion: 43 Resp: 12248

Ion Ratio Lower Upper

43 100

58 29.5 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

4000

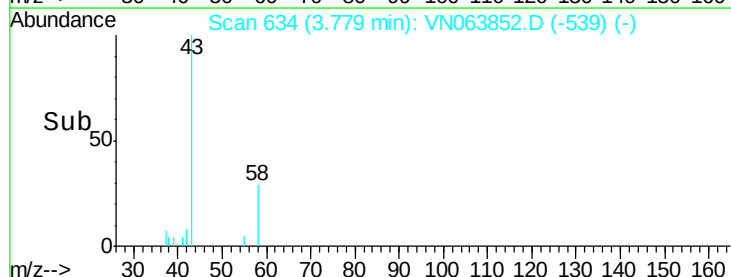
3000

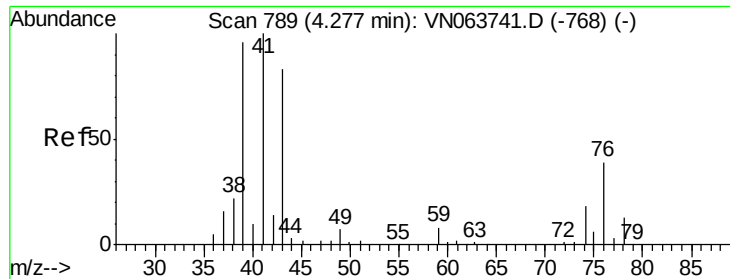
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

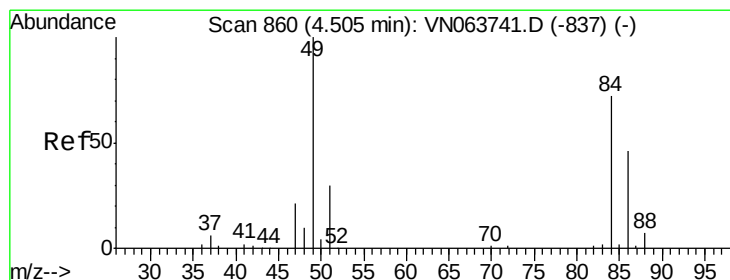
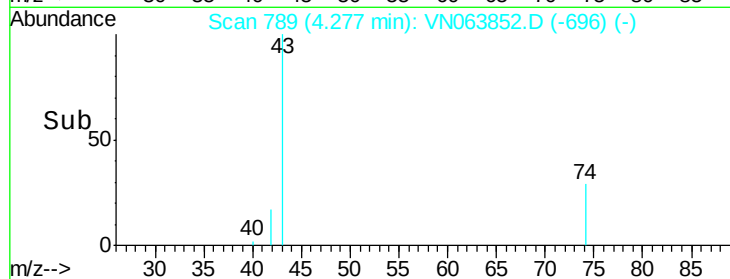
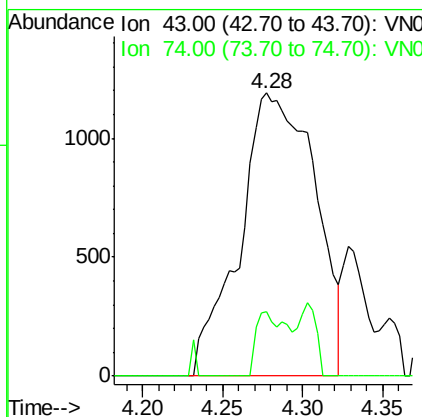
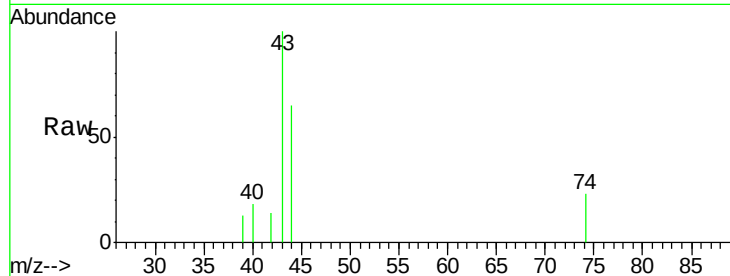




#18
Methyl Acetate
Concen: 1.413 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063852.D
Acq: 3 Oct 2020 4:44

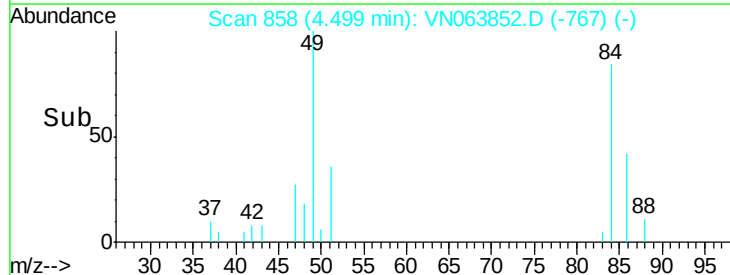
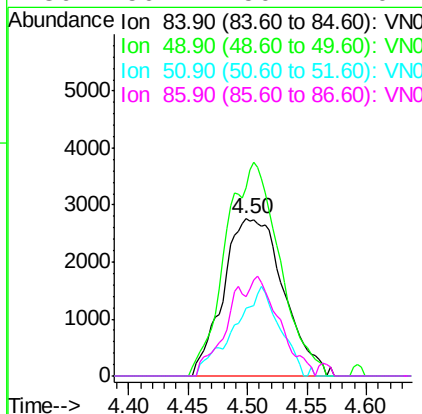
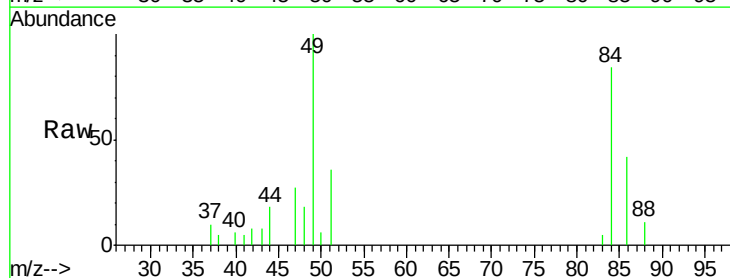
Instrument :
MSVOA_N
ClientSampled :
RO-20

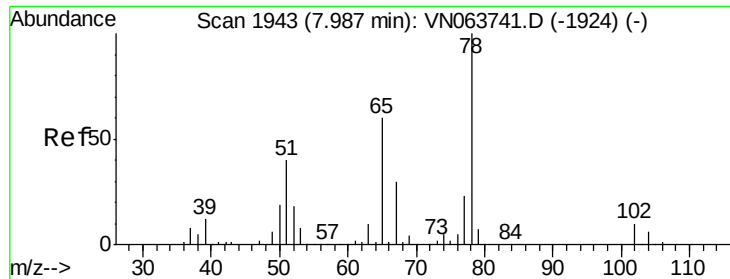
Tot Ion: 43 Resp: 3888
Ion Ratio Lower Upper
43 100
74 8.9 17.4 26.2#



#20
Methylene Chloride
Concen: 4.075 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN063852.D
Acq: 3 Oct 2020 4:44

Tgt Ion: 84 Resp: 9675
Ion Ratio Lower Upper
84 100
49 119.7 110.4 165.6
51 43.1 33.3 49.9
86 50.1 50.7 76.1#

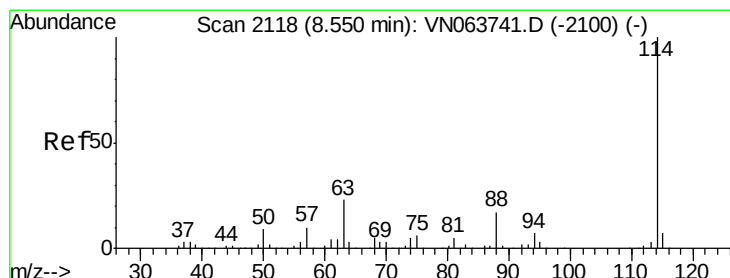
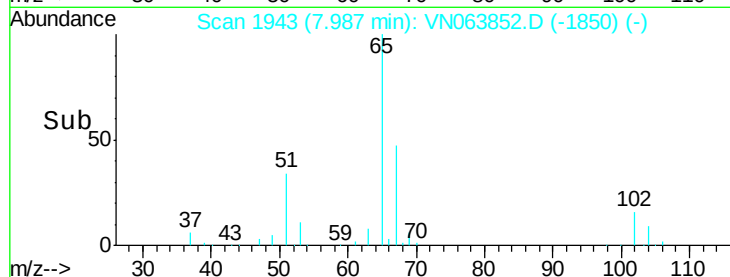
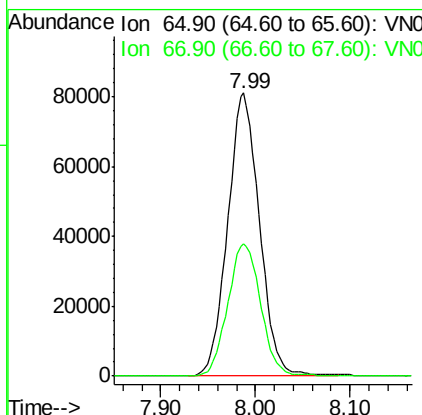
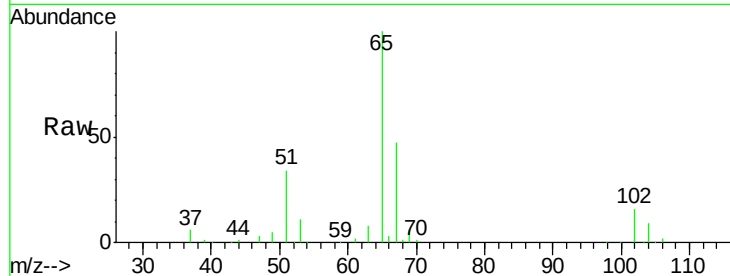




#33
 1,2-Dichloroethane-d4
 Concen: 54.945 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063852.D
 Acq: 3 Oct 2020 4:44

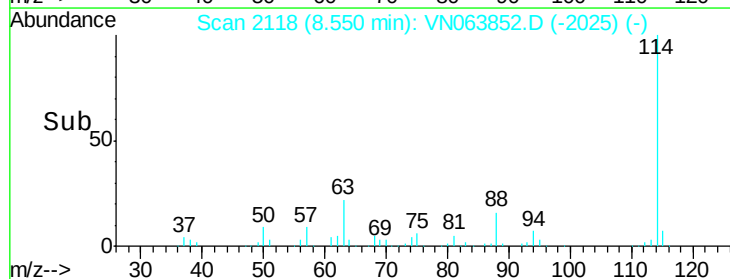
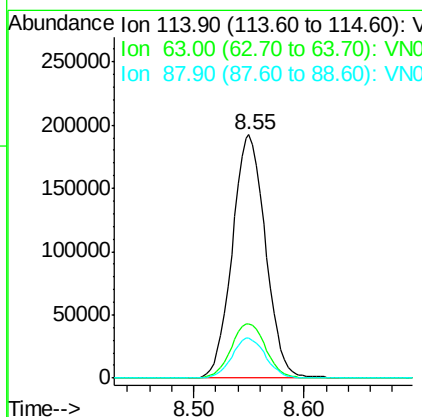
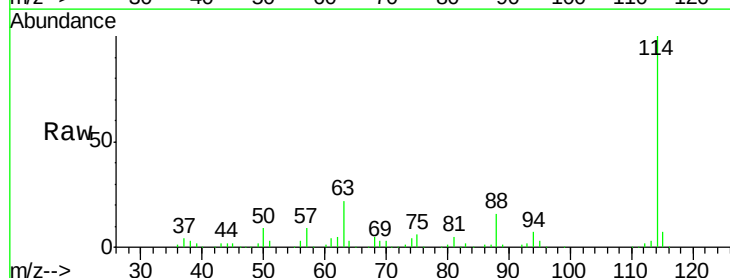
Instrument :
 MSVOA_N
 ClientSampled :
 RO-20

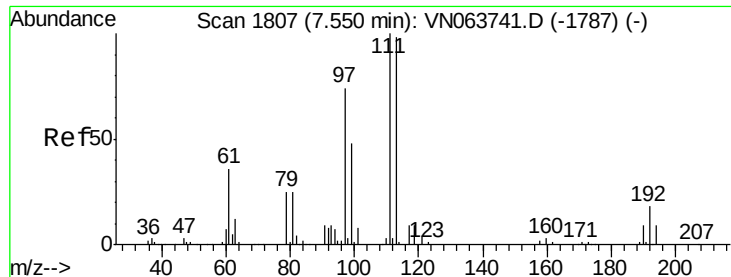
Tot Ion: 65 Resp: 189205
 Ion Ratio Lower Upper
 65 100
 67 48.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063852.D
 Acq: 3 Oct 2020 4:44

Tgt Ion: 114 Resp: 401366
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 16.4 0.0 34.0

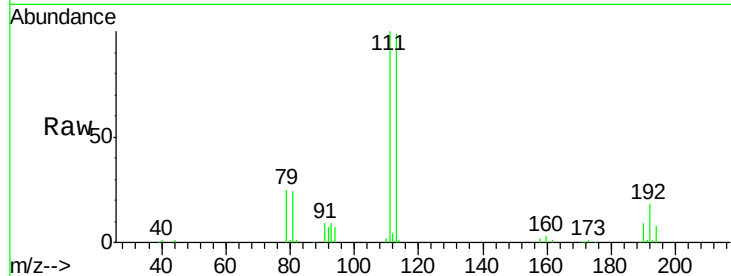




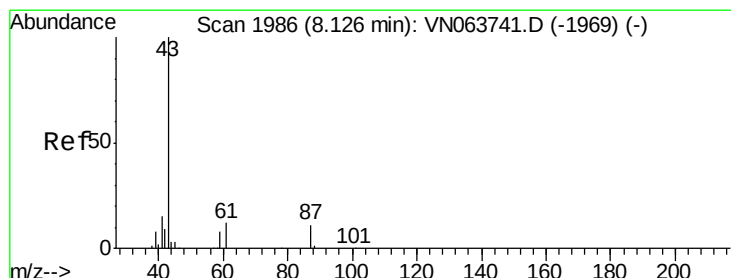
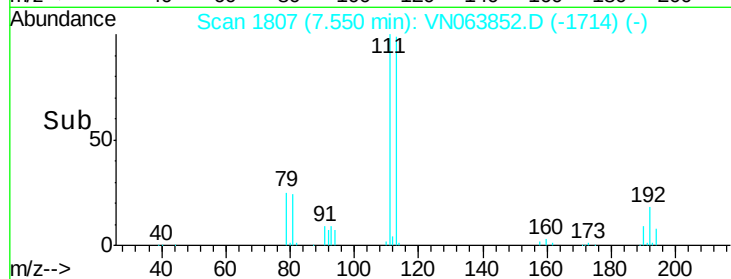
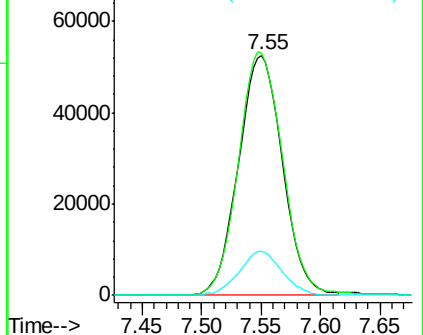
#35
 Dibromofluoromethane
 Concen: 48.323 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063852.D
 Acq: 3 Oct 2020 4:44

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-20

Tot Ion:113 Resp: 134579
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.8
 192 18.0 14.2 21.2

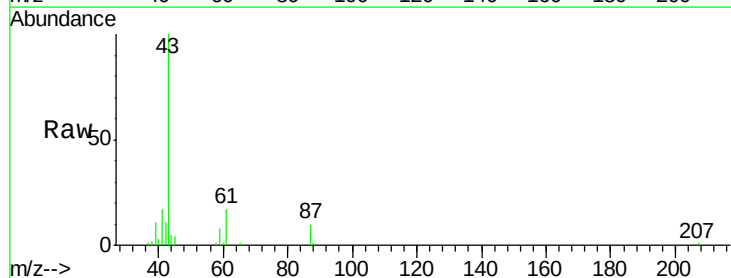


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

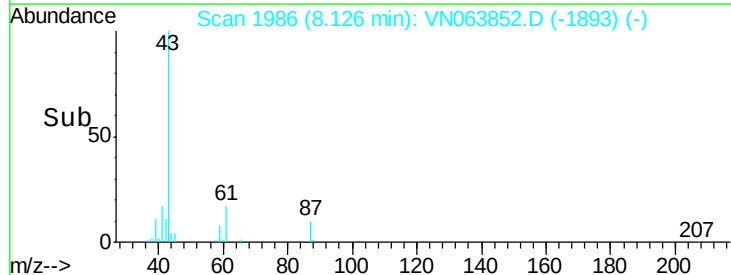
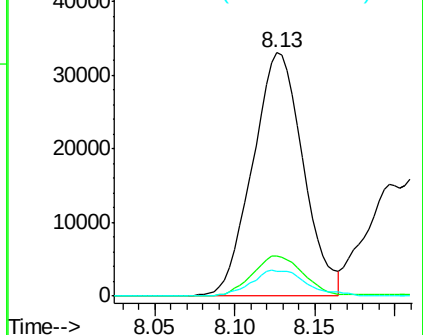


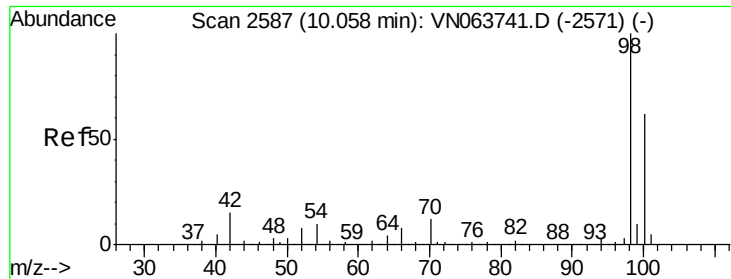
#43
 Isopropyl Acetate
 Concen: 10.818 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN063852.D
 Acq: 3 Oct 2020 4:44

Tgt Ion: 43 Resp: 72088
 Ion Ratio Lower Upper
 43 100
 61 16.8 14.2 21.4
 87 11.6 9.0 13.6



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





#50

Toluene-d8

Concen: 48.213 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063852.D

Acq: 3 Oct 2020 4:44

Instrument :

MSVOA_N

ClientSampleId :

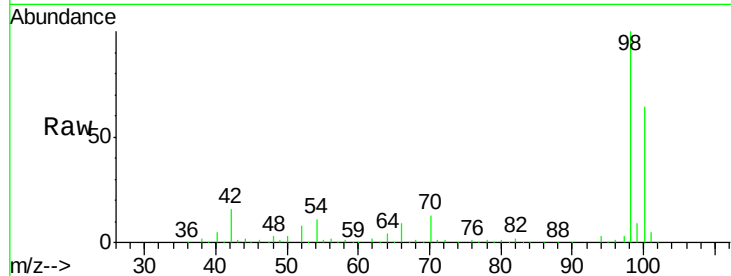
RO-20

Tot Ion: 98 Resp: 509013

Ion Ratio Lower Upper

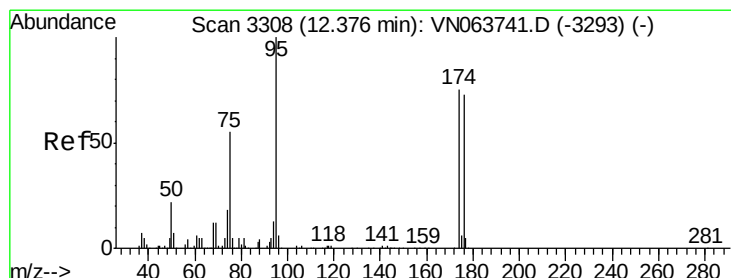
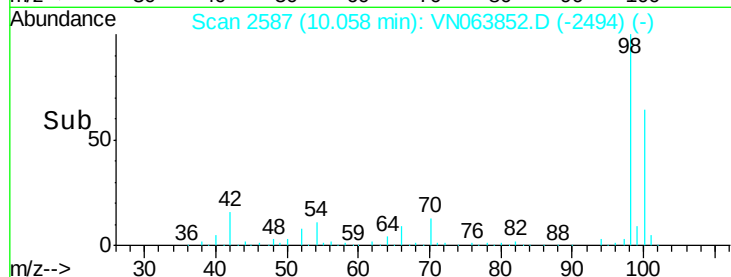
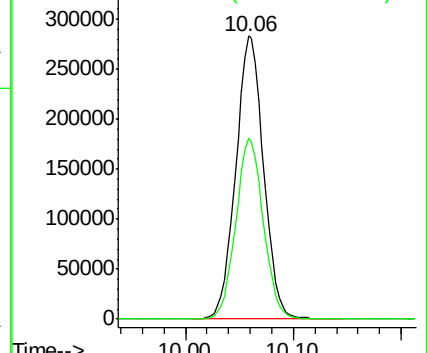
98 100

100 63.6 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: 50.026 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063852.D

Acq: 3 Oct 2020 4:44

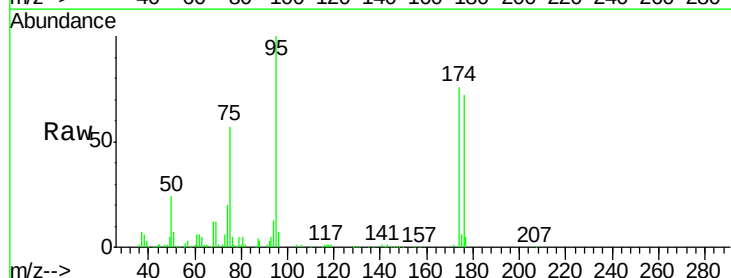
Tgt Ion: 95 Resp: 198539

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.6

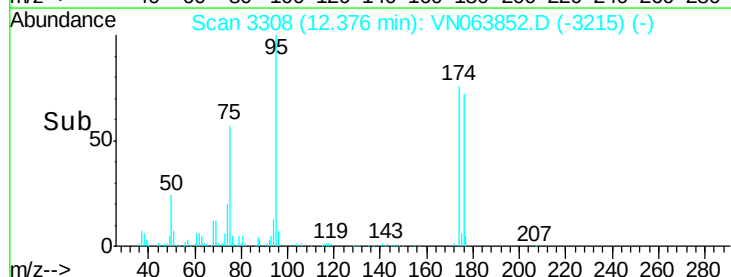
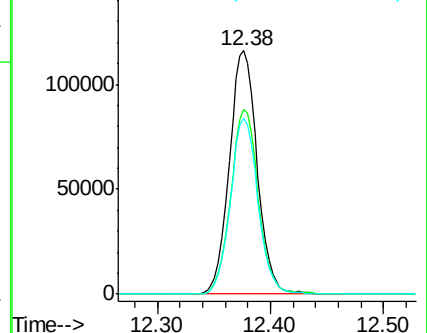
176 71.7 0.0 145.4

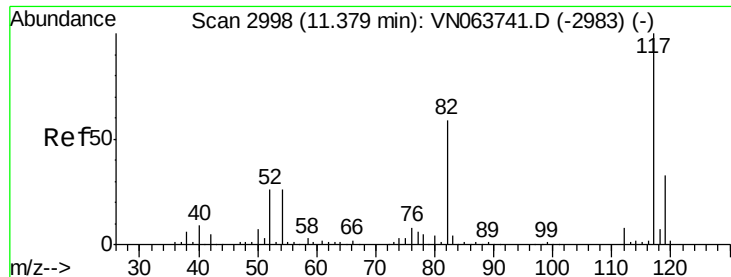


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063852.D

Acq: 3 Oct 2020 4:44

Instrument :

MSVOA_N

ClientSampleId :

RO-20

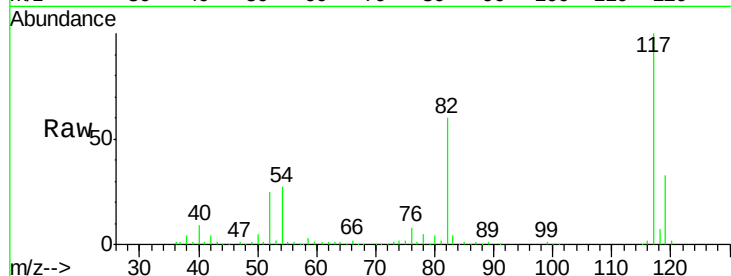
Tot Ion:117 Resp: 414874

Ion Ratio Lower Upper

117 100

82 60.4 47.4 71.2

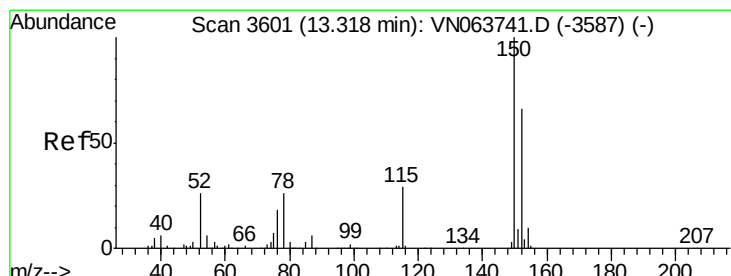
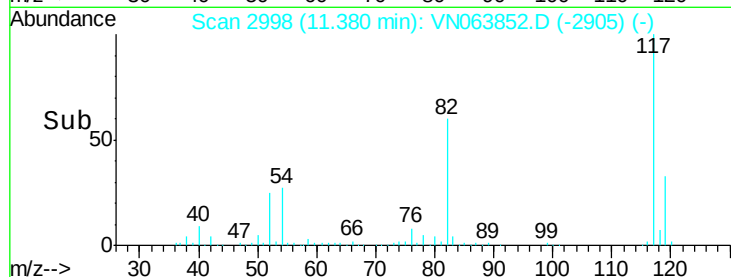
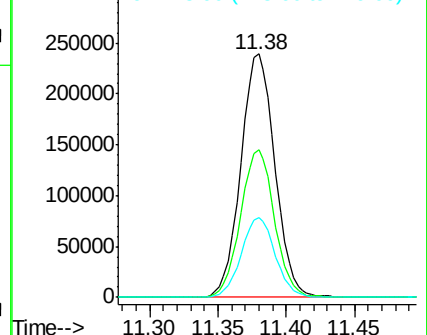
119 32.8 26.4 39.6



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: VN063852.D

Acq: 3 Oct 2020 4:44

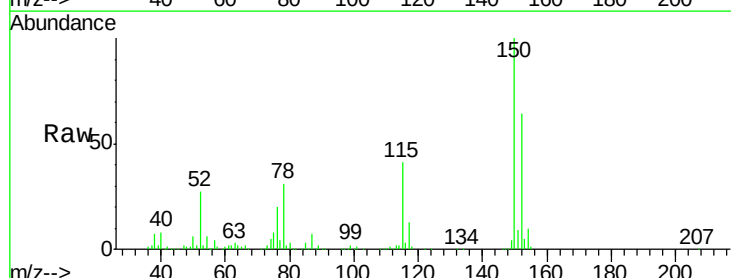
Tgt Ion:152 Resp: 163639

Ion Ratio Lower Upper

152 100

115 62.7 31.3 93.8

150 158.1 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

