

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063850.D
 Acq On : 3 Oct 2020 3:56
 Operator : JC/MD
 Sample : L4198-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-10

Quant Time: Oct 05 08:25:50 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

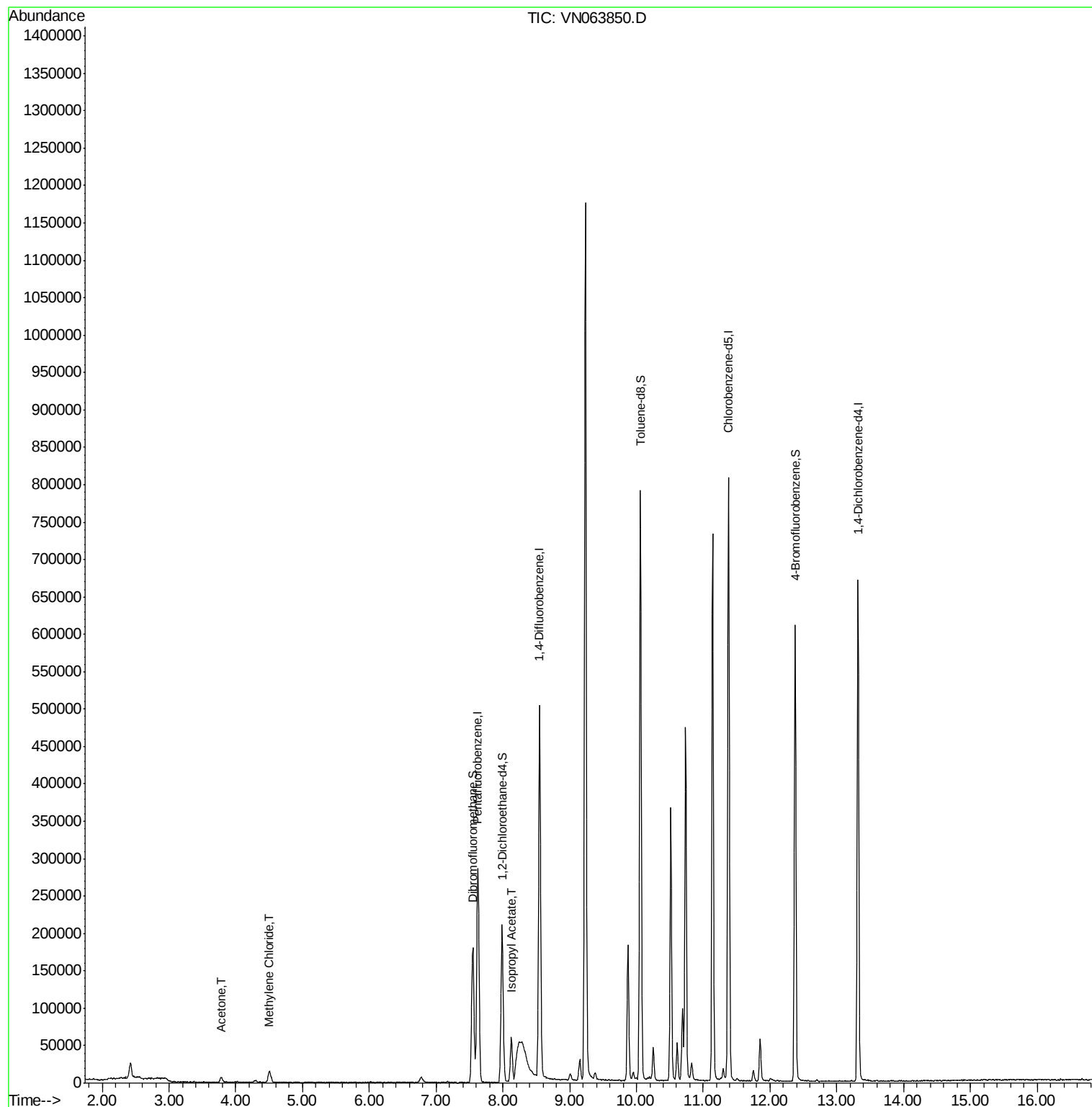
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	208630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	406249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	420341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	167458	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189208	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.80%	
35) Dibromofluoromethane	7.55	113	134388	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
50) Toluene-d8	10.06	98	514860	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.38	95	202686	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
Target Compounds						
16) Acetone	3.78	43	12546	11.825	ug/l	93
20) Methylene Chloride	4.50	84	10286	4.322	ug/l	99
43) Isopropyl Acetate	8.13	43	72000	10.675	ug/l	98

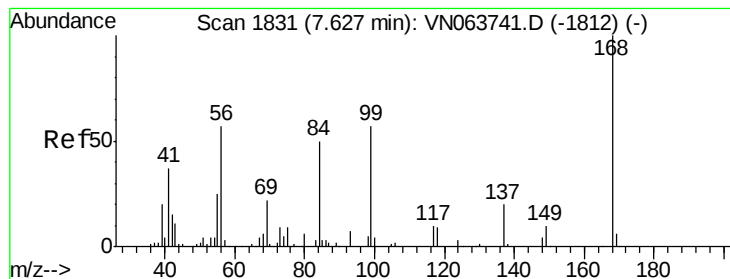
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063850.D

Acq: 3 Oct 2020 3:56

Instrument :

MSVOA_N

ClientSampled :

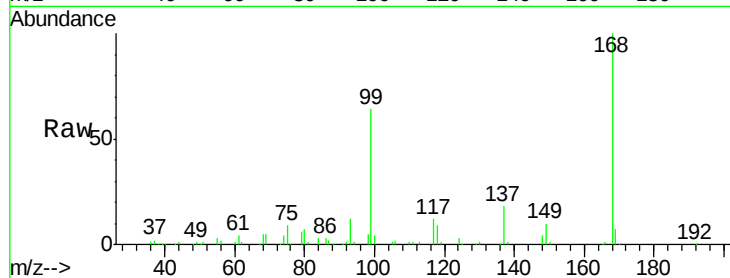
RO-10

Tot Ion:168 Resp: 208630

Ion Ratio Lower Upper

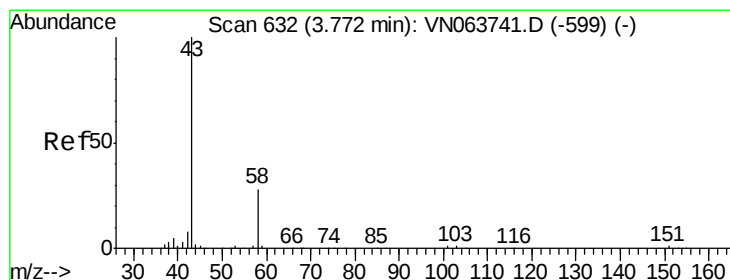
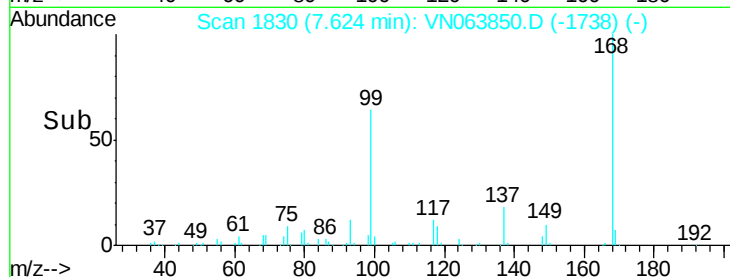
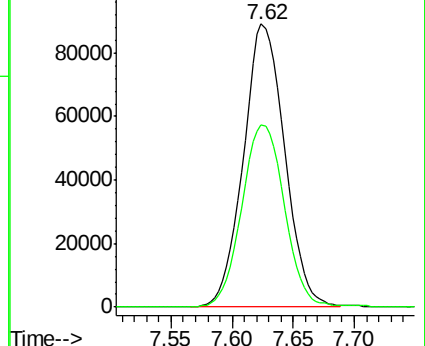
168 100

99 64.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 11.825 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063850.D

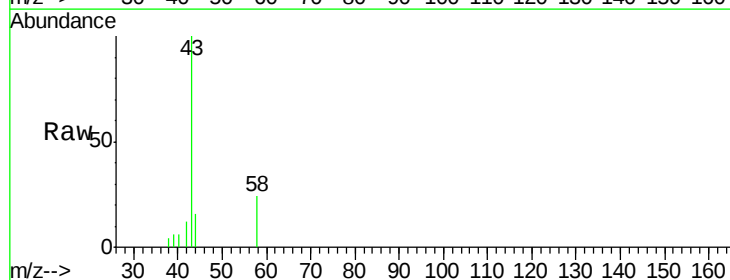
Acq: 3 Oct 2020 3:56

Tgt Ion: 43 Resp: 12546

Ion Ratio Lower Upper

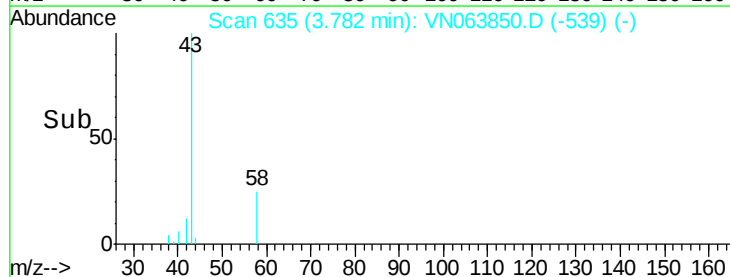
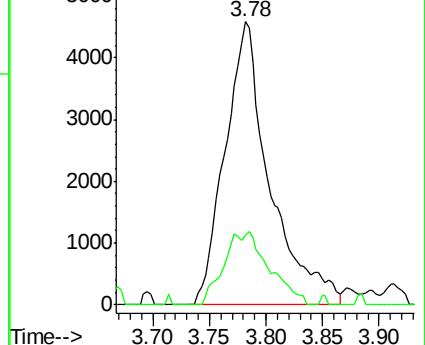
43 100

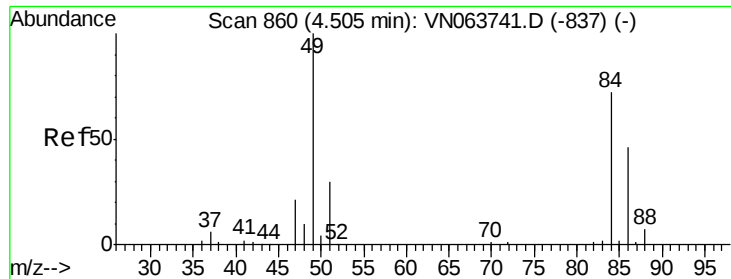
58 24.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

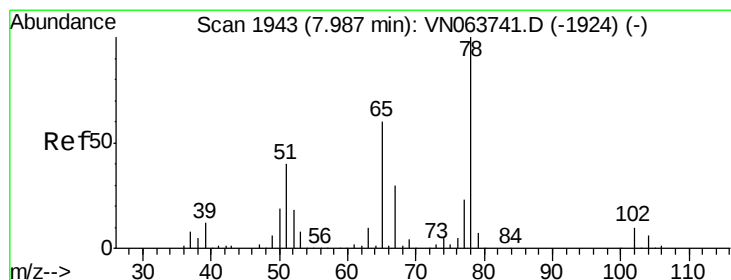
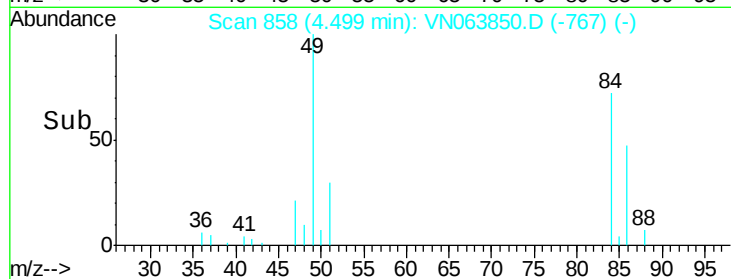
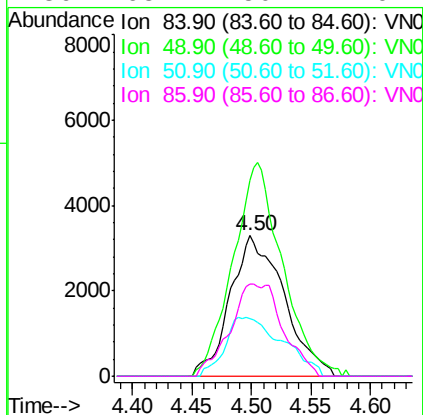
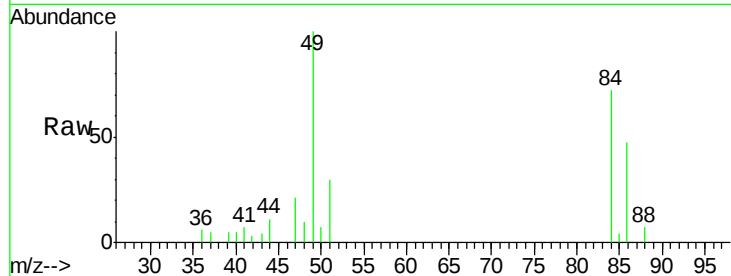




#20
Methvlene Chloride
Concen: 4.322 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN063850.D
Acq: 3 Oct 2020 3:56

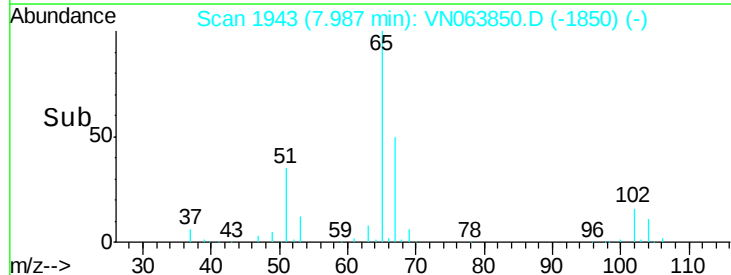
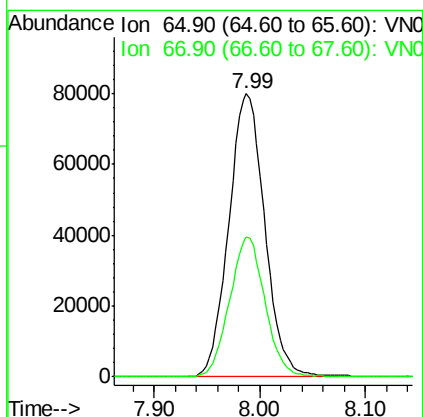
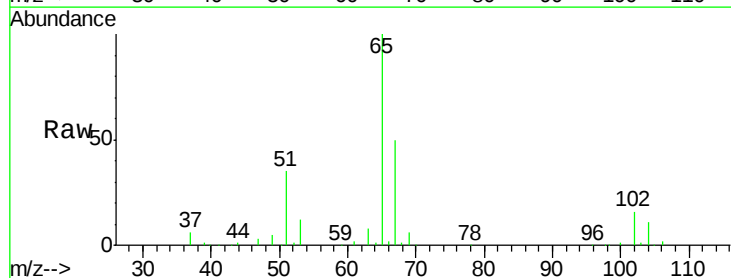
Instrument :
MSVOA_N
ClientSampleId :
RO-10

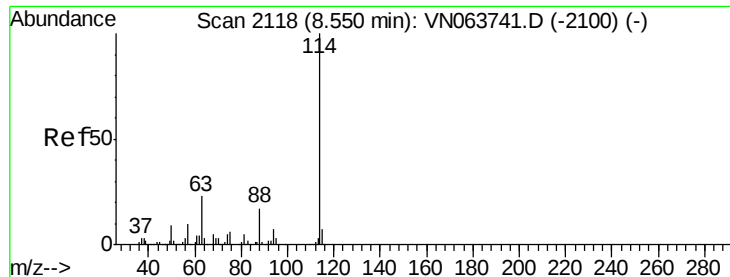
Tot Ion:	84	Resp:	10286
Ion	Ratio	Lower	Upper
84	100		
49	139.6	110.4	165.6
51	41.5	33.3	49.9
86	65.4	50.7	76.1



#33
1,2-Dichloroethane-d4
Concen: 54.895 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063850.D
Acq: 3 Oct 2020 3:56

Tgt Ion:	65	Resp:	189208
Ion	Ratio	Lower	Upper
65	100		
67	48.5	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: VN063850.D

Acq: 3 Oct 2020 3:56

Instrument :

MSVOA_N

ClientSampled :

RO-10

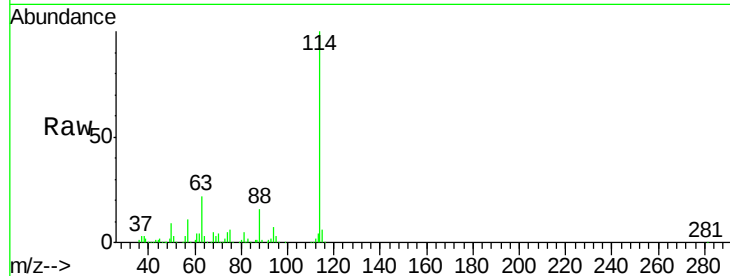
Tot Ion:114 Resp: 406249

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

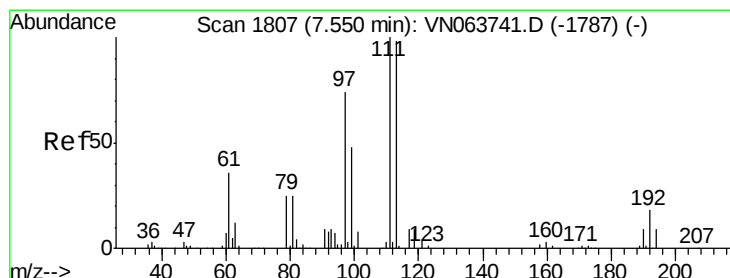
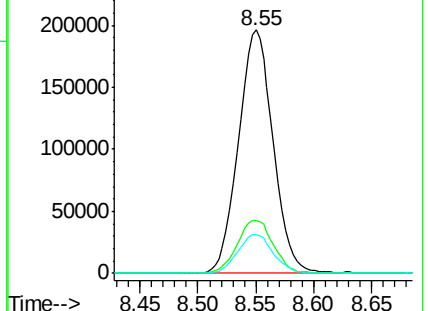
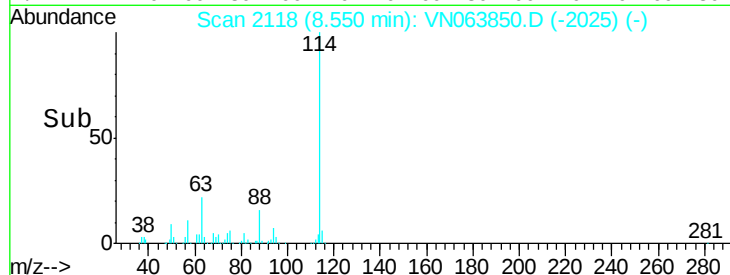
88 16.1 0.0 34.0



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: 47.675 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063850.D

Acq: 3 Oct 2020 3:56

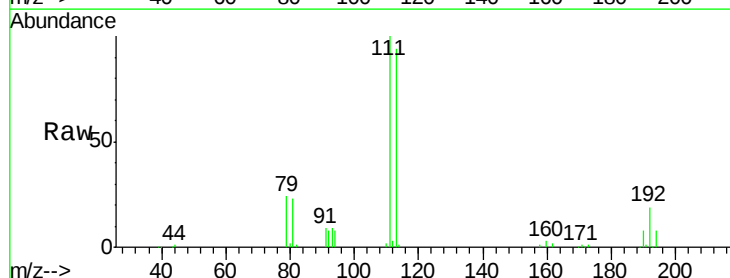
Tgt Ion:113 Resp: 134388

Ion Ratio Lower Upper

113 100

111 104.9 81.8 122.8

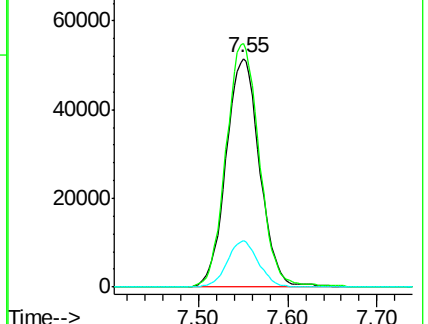
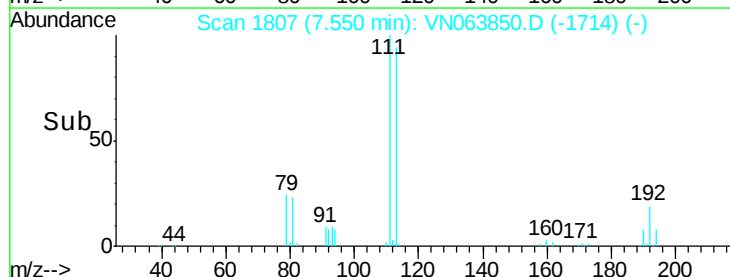
192 18.8 14.2 21.2

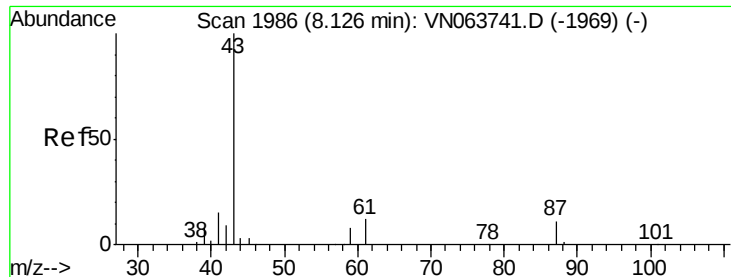


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



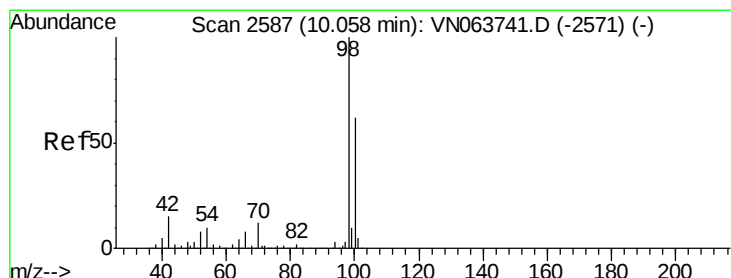
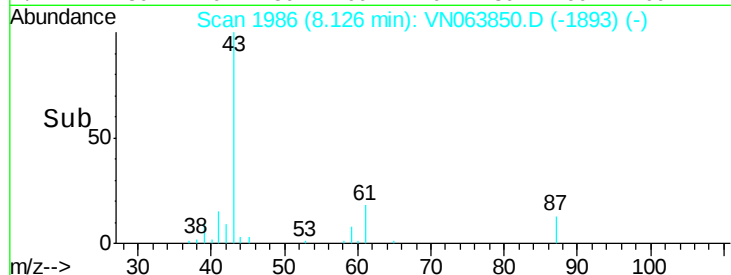
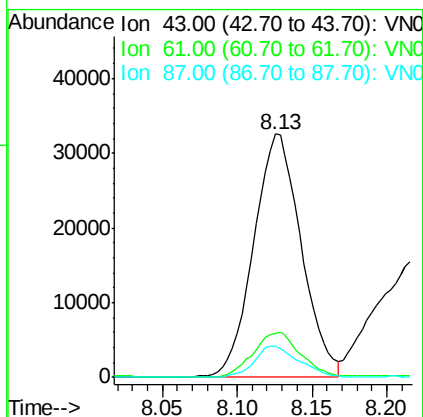
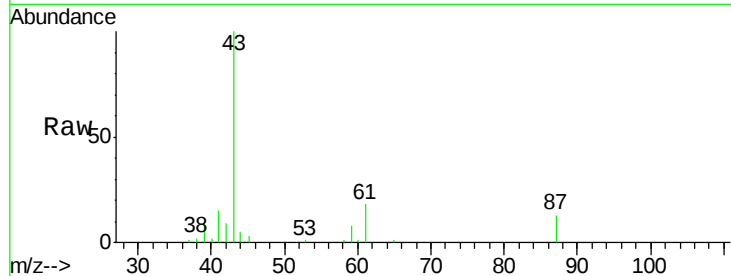


#43

Isopropyl Acetate
 Concen: 10.675 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN063850.D
 Acq: 3 Oct 2020 3:56

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-10

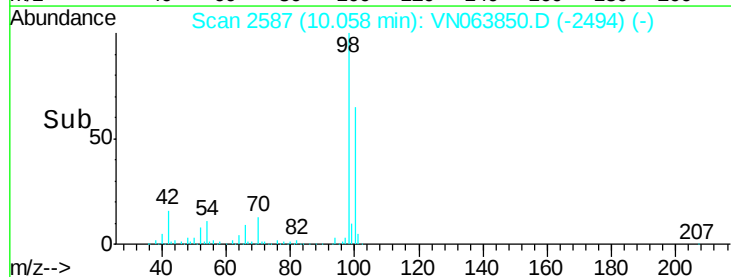
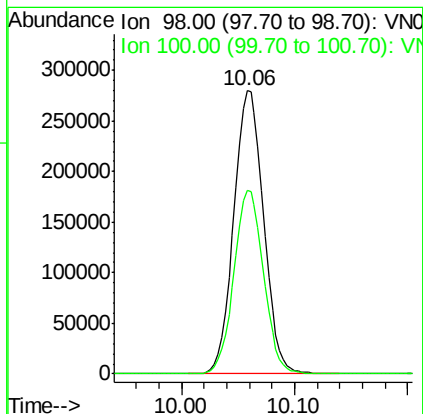
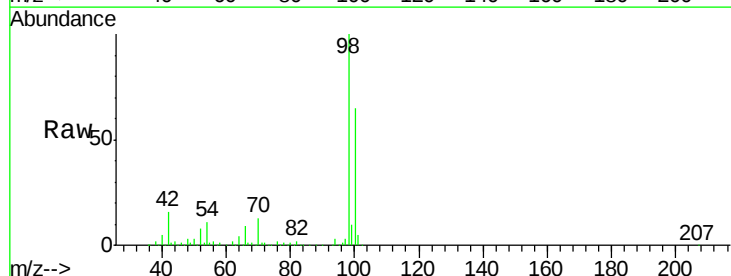
Tot Ion	43	Resp	72000
Ion Ratio	100	Lower	Upper
61	18.5	14.2	21.4
87	11.9	9.0	13.6

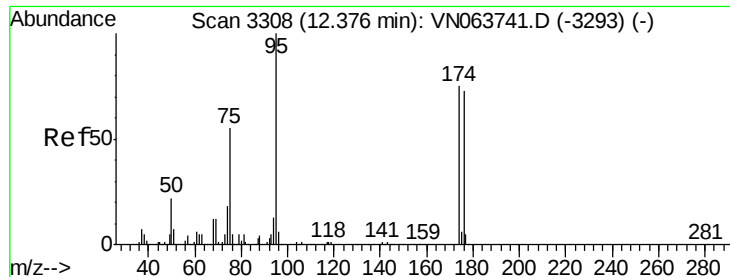


#50

Toluene-d8
 Concen: 48.181 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN063850.D
 Acq: 3 Oct 2020 3:56

Tgt Ion	98	Resp	514860
Ion Ratio	100	Lower	Upper
100	64.4	49.8	74.6

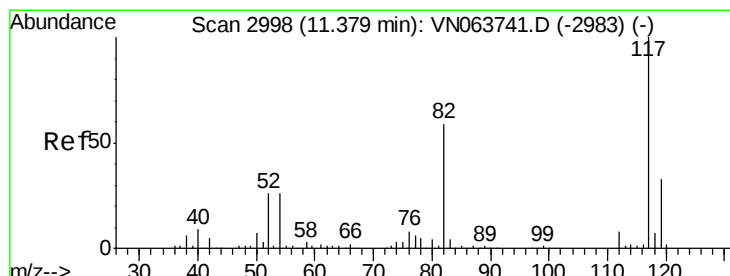
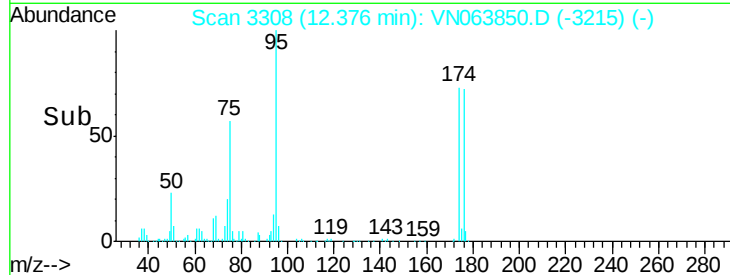
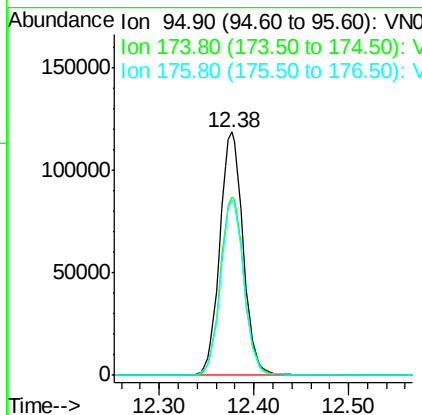
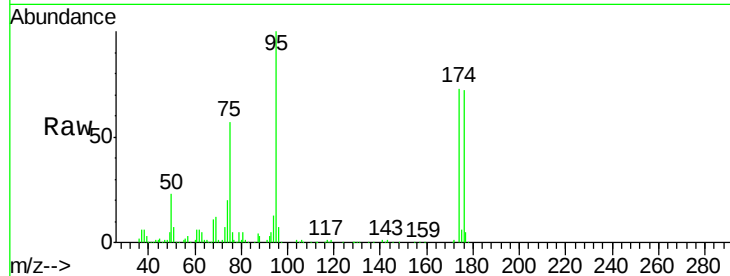




#62
4-Bromofluorobenzene
Concen: 50.457 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063850.D
Acq: 3 Oct 2020 3:56

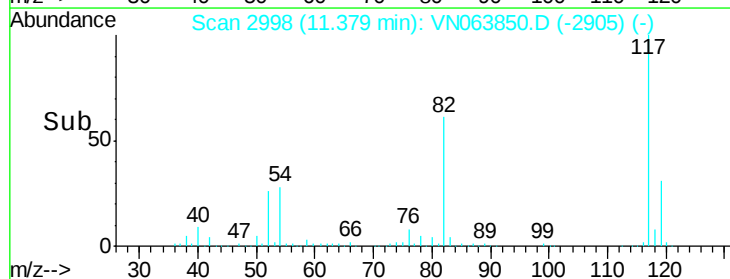
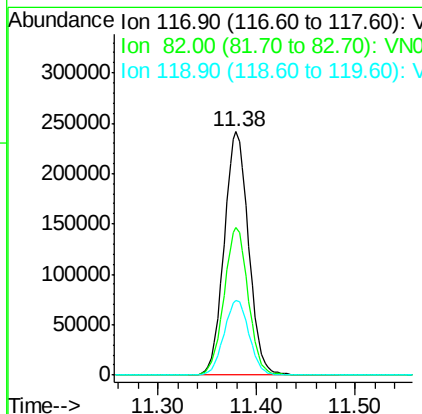
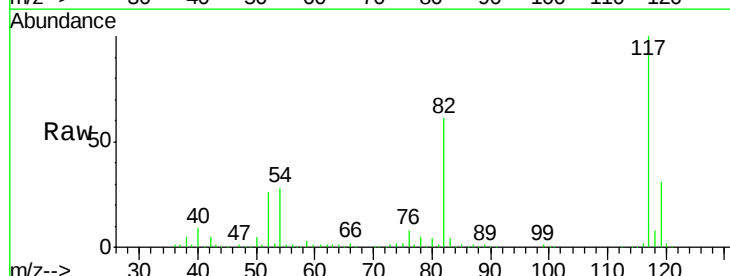
Instrument :
MSVOA_N
ClientSampleId :
RO-10

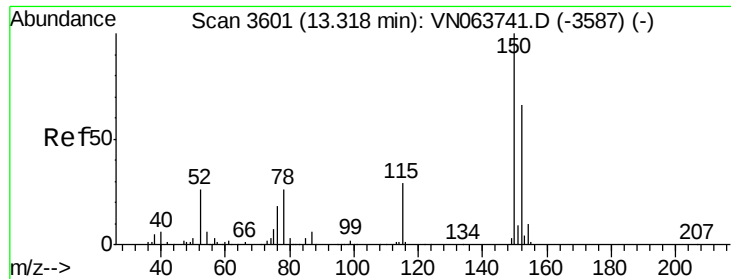
Tot Ion	95	Resp	202686
Ion Ratio	Lower	Upper	
95	100		
174	74.5	0.0	150.6
176	71.8	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063850.D
Acq: 3 Oct 2020 3:56

Tgt Ion	117	Resp	420341
Ion Ratio	Lower	Upper	
117	100		
82	60.8	47.4	71.2
119	30.8	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063850.D

Acq: 3 Oct 2020 3:56

Instrument :

MSVOA_N

ClientSampleId :

RO-10

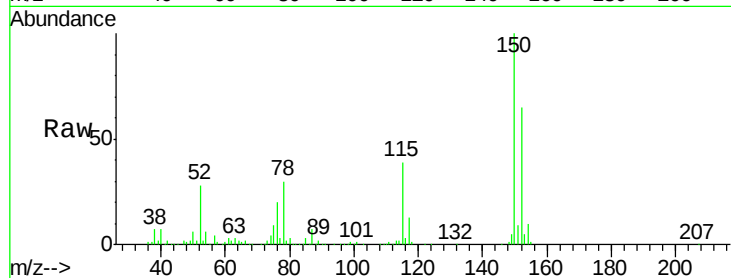
Tot Ion:152 Resp: 167458

Ion Ratio Lower Upper

152 100

115 61.9 31.3 93.8

150 155.9 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

