

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063851.D
 Acq On : 3 Oct 2020 4:20
 Operator : JC/MD
 Sample : L4198-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-5

Manual Integrations
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 10/5/2020 5:35:44 PM

Quant Time: Oct 05 08:27:44 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	212109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	405231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	415412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	187887	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
35) Dibromofluoromethane	7.55	113	134688	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
50) Toluene-d8	10.06	98	515573	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.38	95	199765	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
Target Compounds						
16) Acetone	3.78	43	13206	12.242	ug/l	95
18) Methyl Acetate	4.29	43	3783m	1.351	ug/l	
20) Methylene Chloride	4.51	84	8808	3.656	ug/l #	89
43) Isopropyl Acetate	8.13	43	68206	10.138	ug/l	100

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

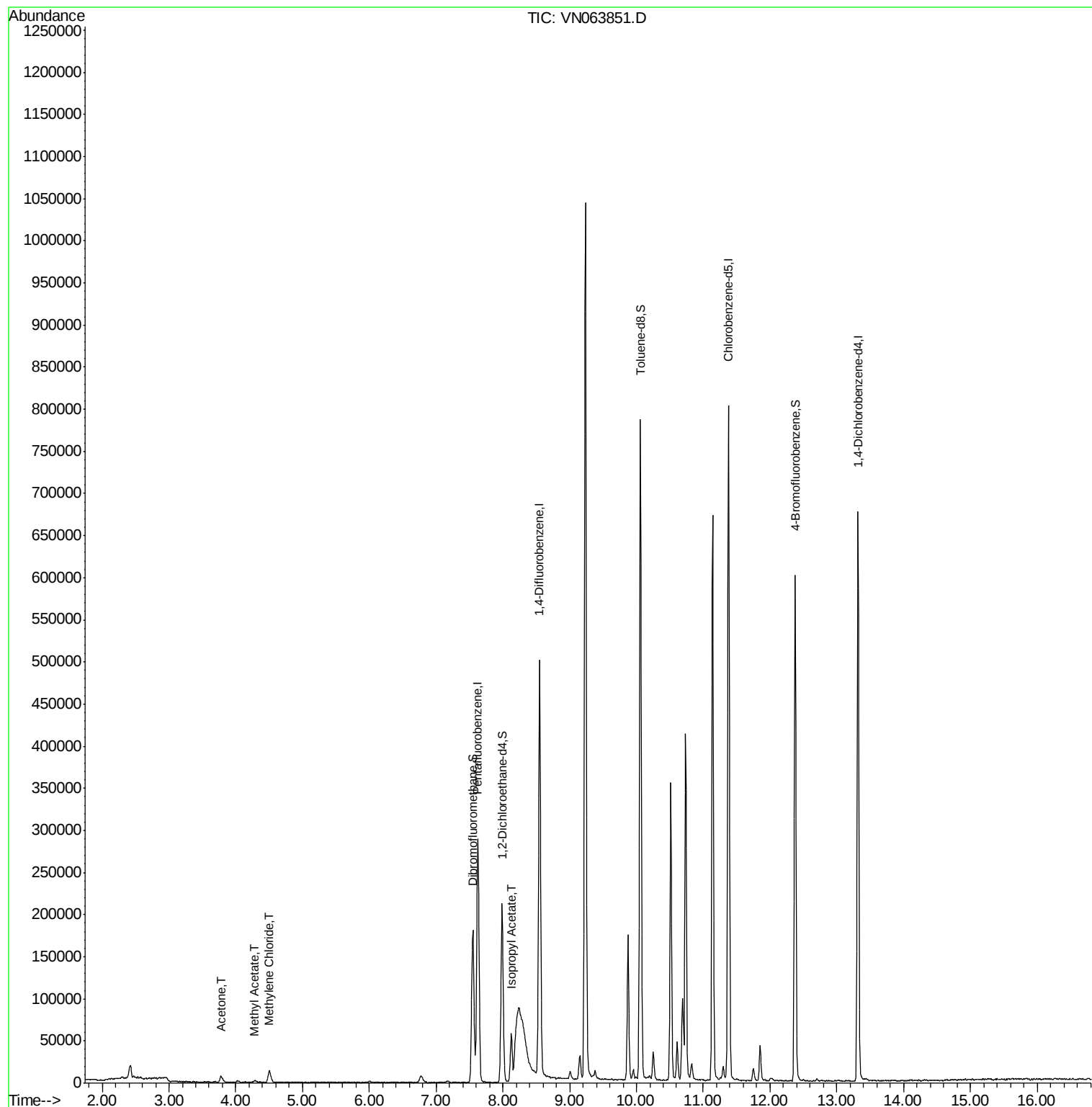
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100220\
Data File : VN063851.D
Acq On : 3 Oct 2020 4:20
Operator : JC/MD
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Instrument :
MSVOA_N
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RO-5

Manual Integrations
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Quant Time: Oct 05 08:27:44 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: VN063851.D

Acq: 3 Oct 2020 4:20

Instrument :

MSVOA_N

ClientSampled :

RO-5

Tot Ion:168 Resp: 212109

Ion Ratio Lower Upper

168 100

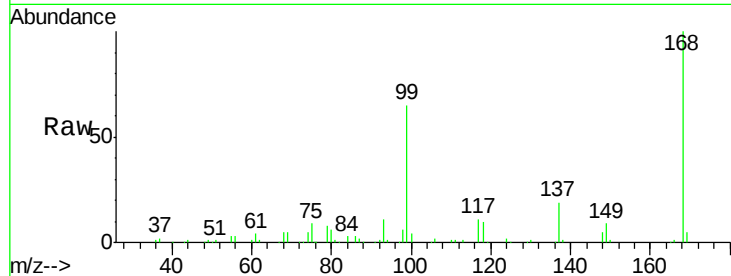
99 65.3 51.8 77.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

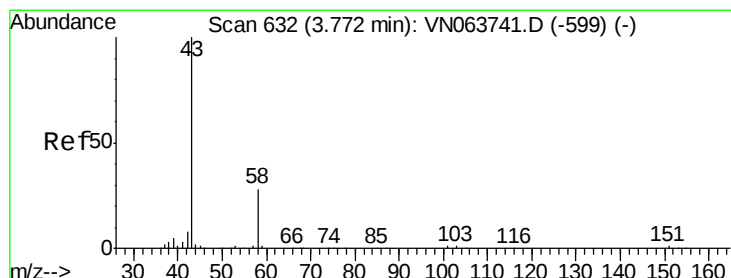
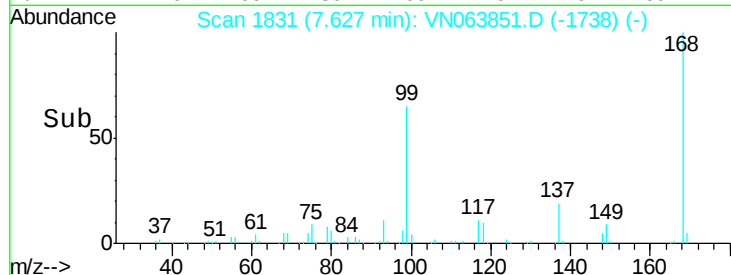
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 12.242 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063851.D

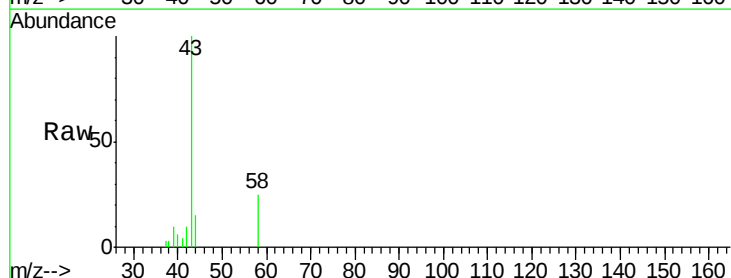
Acq: 3 Oct 2020 4:20

Tgt Ion: 43 Resp: 13206

Ion Ratio Lower Upper

43 100

58 25.5 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

5000

4000

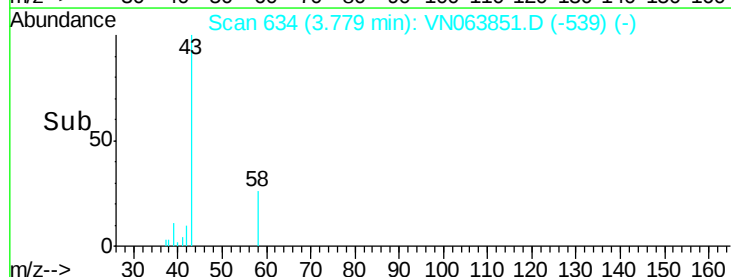
3000

2000

1000

0

Time--> 3.70 3.75 3.80 3.85





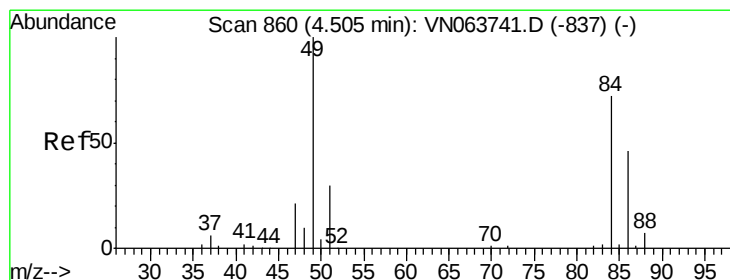
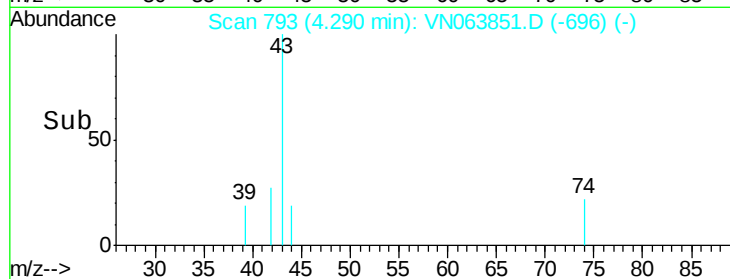
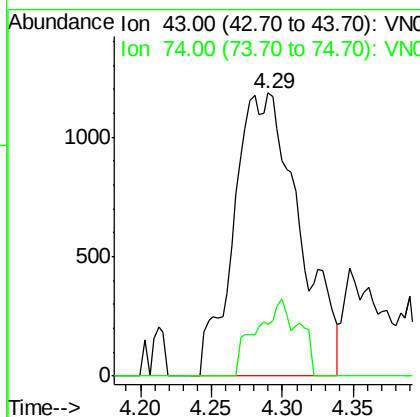
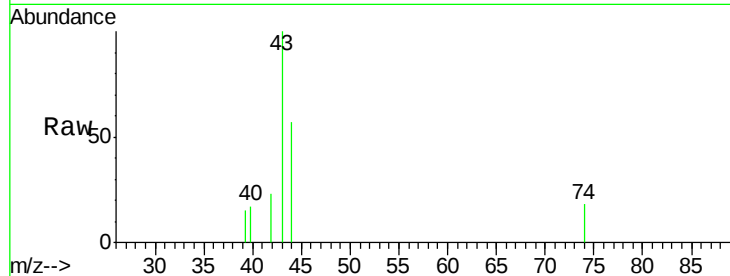
#18
Methyl Acetate
Concen: 1.351 ug/l m
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063851.D
Acq: 3 Oct 2020 4:20

Instrument :
MSVOA_N
ClientSampled :
RO-5

Tot Ion: 43 Resp: 3783
Ion Ratio Lower Upper
43 100
74 14.4 17.4 26.2#

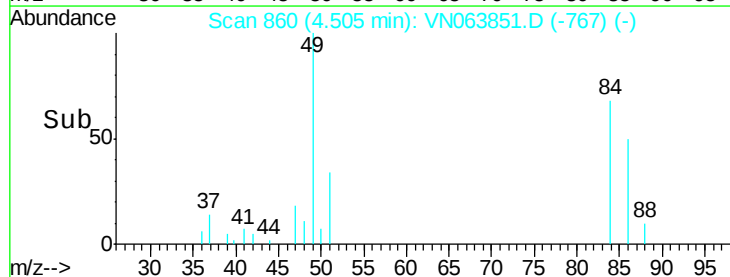
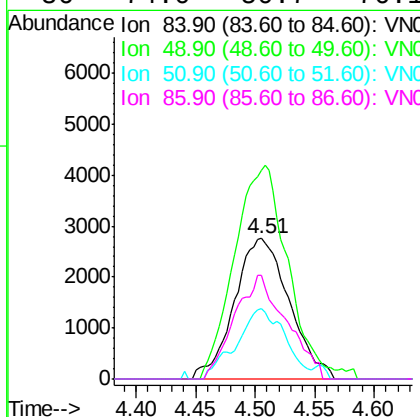
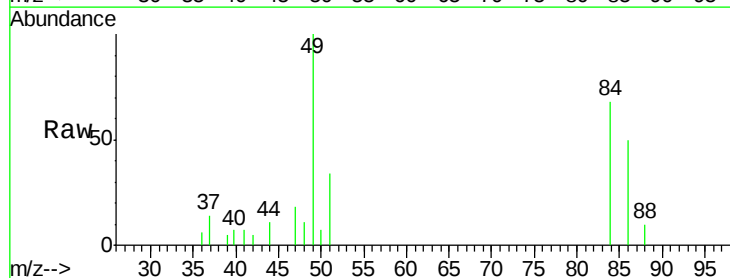
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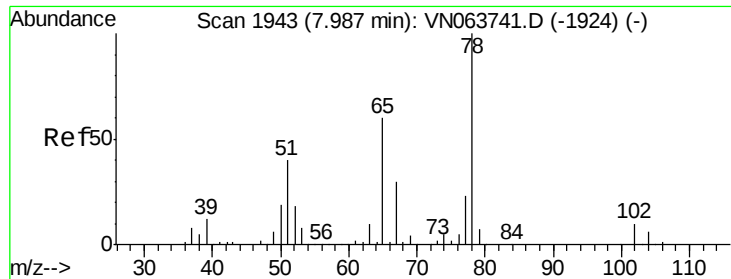
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#20
Methylene Chloride
Concen: 3.656 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063851.D
Acq: 3 Oct 2020 4:20

Tgt Ion: 84 Resp: 8808
Ion Ratio Lower Upper
84 100
49 148.0 110.4 165.6
51 50.0 33.3 49.9#
86 74.0 50.7 76.1





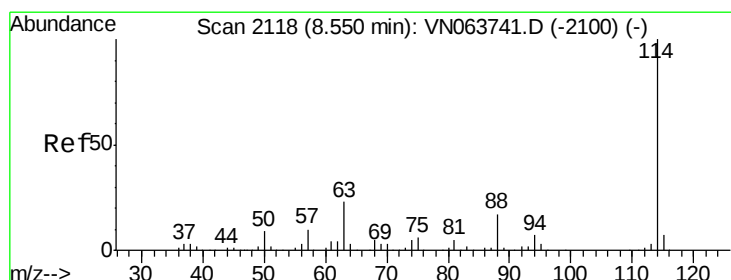
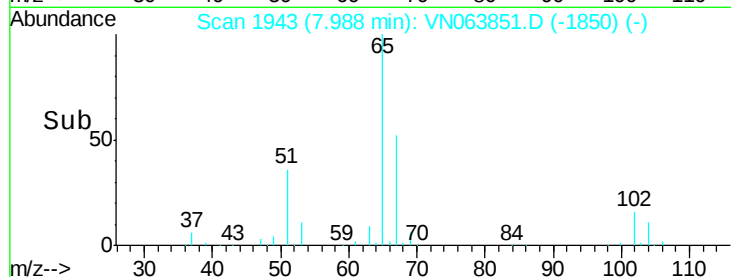
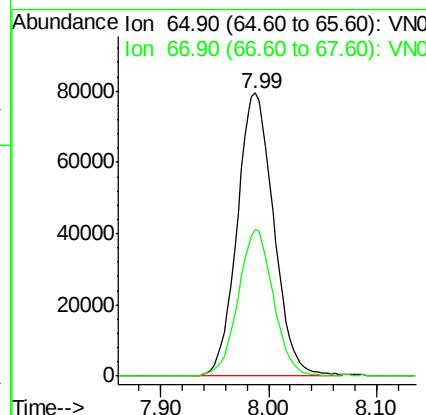
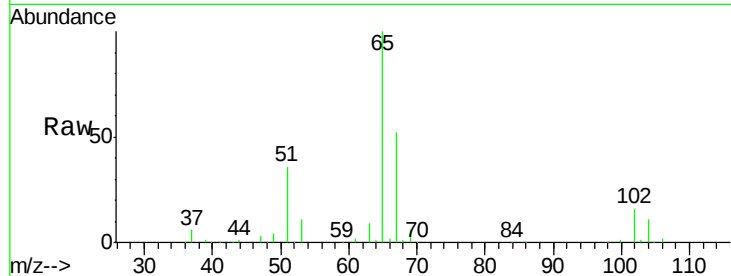
#33
 1,2-Dichloroethane-d4
 Concen: 53.618 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063851.D
 Acq: 3 Oct 2020 4:20

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-5

Tot Ion	Ratio	Resp	Lower	Upper
65	100	187887		
67	49.7	0.0	99.6	

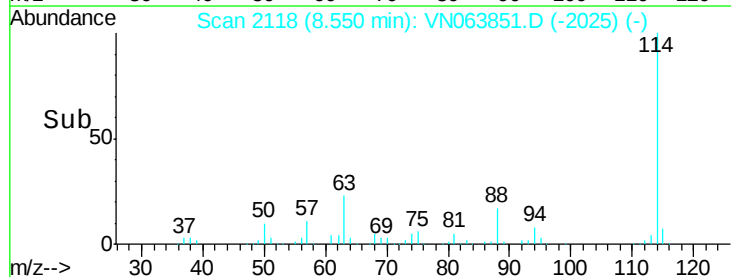
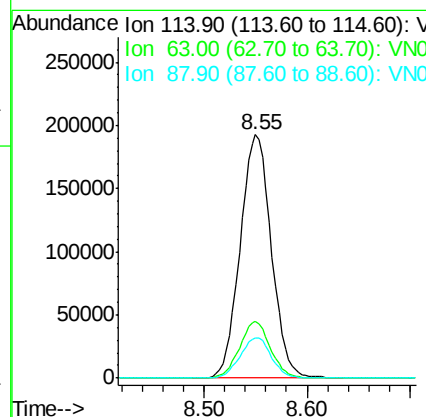
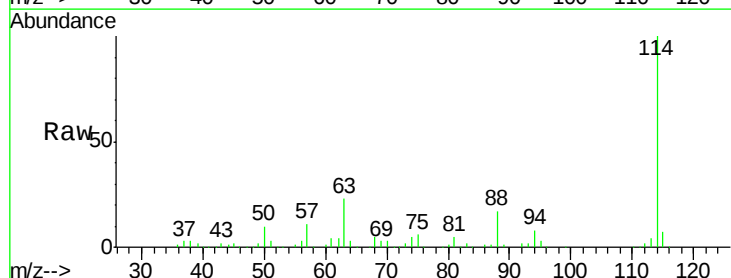
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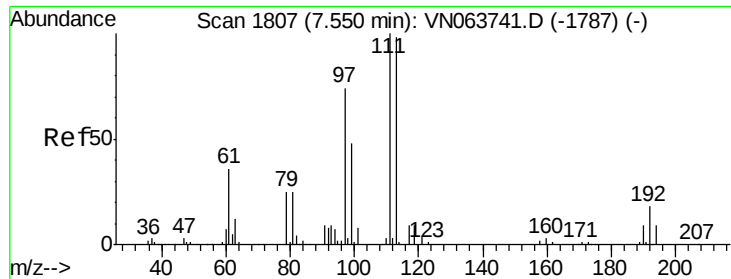
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063851.D
 Acq: 3 Oct 2020 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	405231		
63	23.2	0.0	45.0	
88	16.6	0.0	34.0	





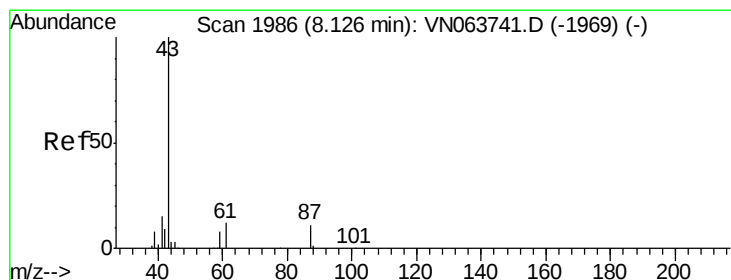
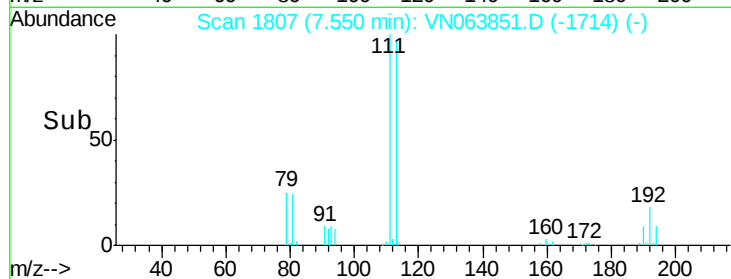
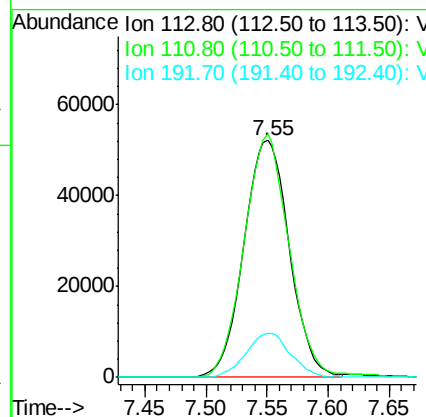
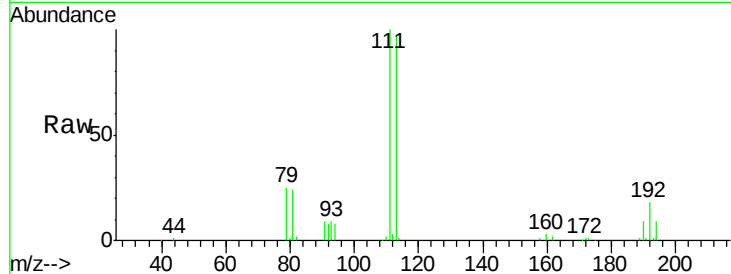
#35
 Dibromofluoromethane
 Concen: 47.901 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063851.D
 Acq: 3 Oct 2020 4:20

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-5

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.8
192	18.2	14.2	21.2

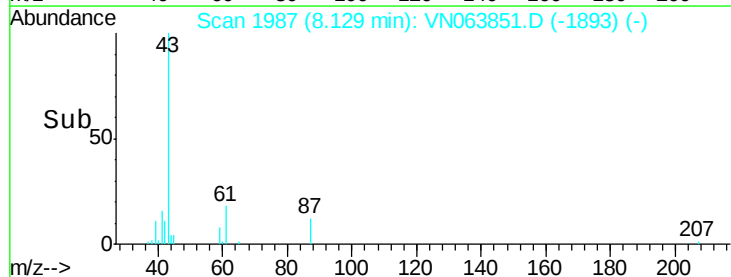
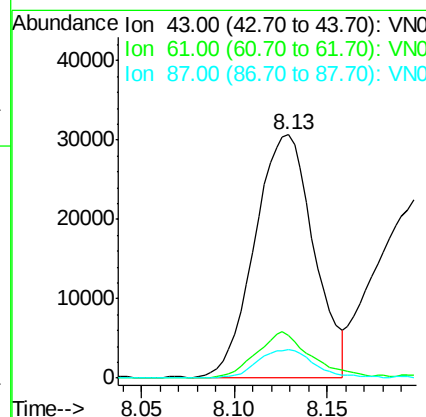
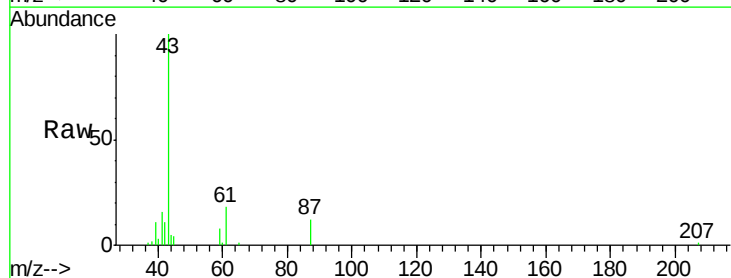
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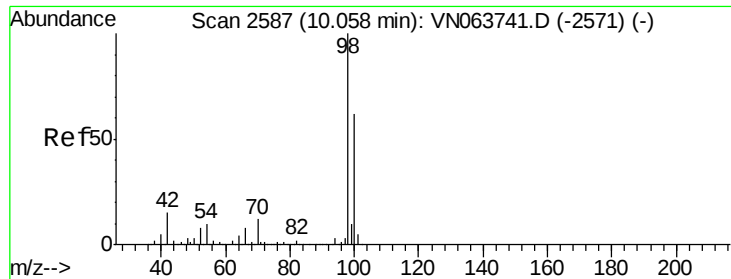
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#43
 Isopropyl Acetate
 Concen: 10.138 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063851.D
 Acq: 3 Oct 2020 4:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.2	21.4
87	11.3	9.0	13.6





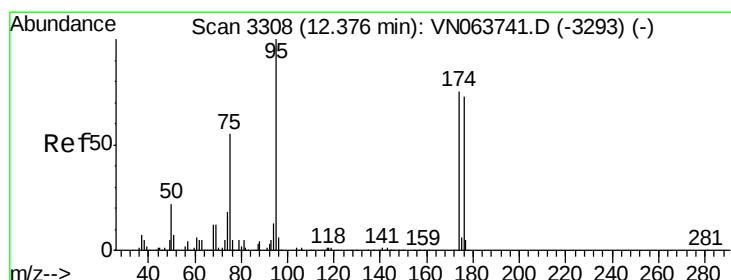
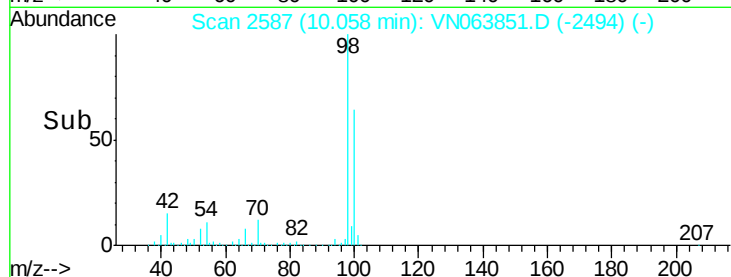
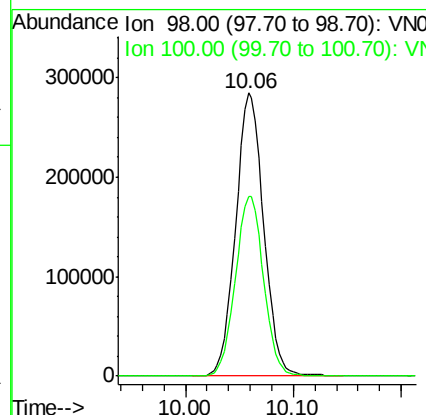
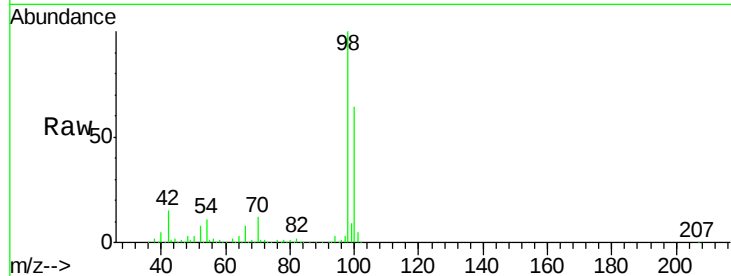
#50
Toluene-d8
Concen: 48.369 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063851.D
Acq: 3 Oct 2020 4:20

Instrument :
MSVOA_N
ClientSampleId :
RO-5

Tot Ion: 98 Resp: 515573
Ion Ratio Lower Upper
98 100
100 64.2 49.8 74.6

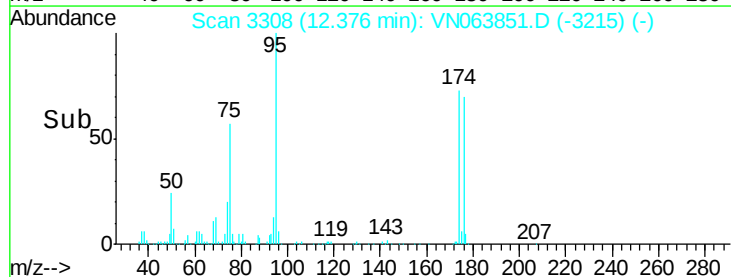
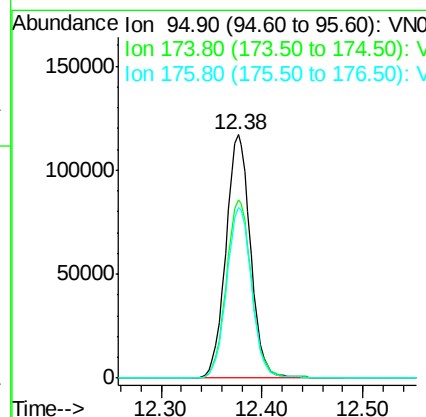
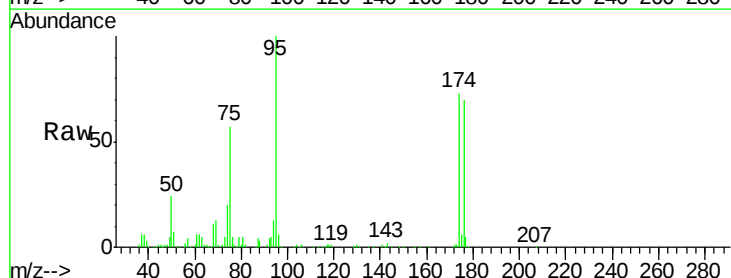
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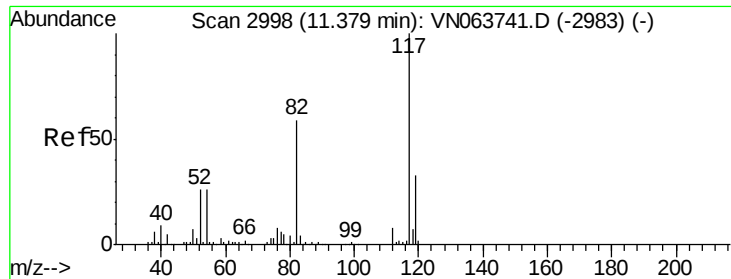
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#62
4-Bromofluorobenzene
Concen: 49.855 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063851.D
Acq: 3 Oct 2020 4:20

Tgt Ion: 95 Resp: 199765
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.6
176 70.7 0.0 145.4





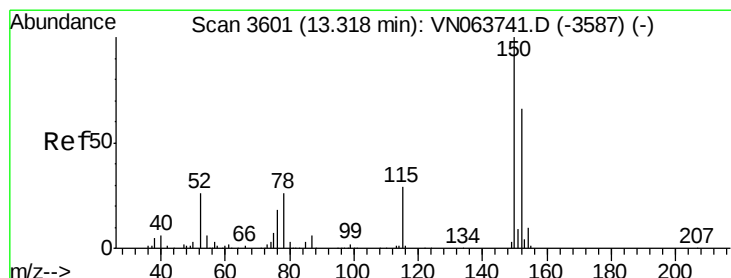
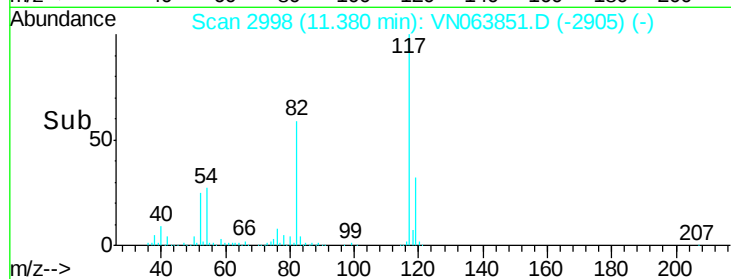
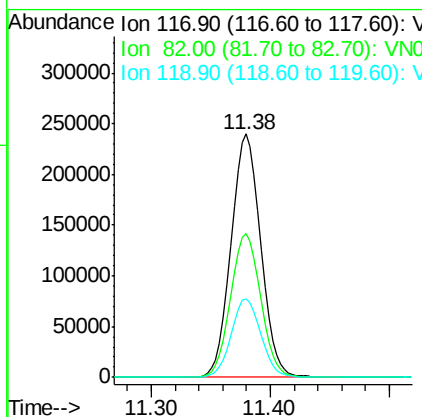
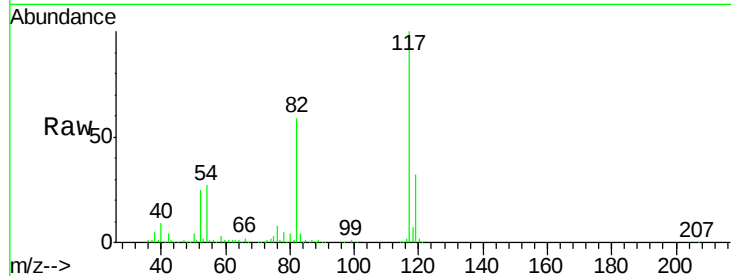
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063851.D
Acq: 3 Oct 2020 4:20

Instrument :
MSVOA_N
ClientSampled :
RO-5

Tot Ion	Ratio	Resp	Lower	Upper
117	100	415412		
82	59.0		47.4	71.2
119	32.4		26.4	39.6

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063851.D
Acq: 3 Oct 2020 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	165969		
115	63.4		31.3	93.8
150	158.8		0.0	341.8

