Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092220\
Data File : VN063569.D
Acq On : 23 Sep 2020 6:52
Operator : JC/MD
Sample : PB131772ZHE#07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB131772ZHE#07

Manual Integrations APPROVED
MMDadoda
9/23/2020 1:06:52 PM

Quant Time: Sep 23 07:38:31 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	205580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	396841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	399467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168514	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	178382	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.94%			
35) Dibromofluoromethane	7.55	113	126905	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.38%			
50) Toluene-d8	10.06	98	515660	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.84%			
62) 4-Bromofluorobenzene	12.38	95	200072	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.66%			
Target Compounds						Qvalue
16) Acetone	3.78	43	33697	29.961	ug/l	97
18) Methyl Acetate	4.29	43	4711m	1.650	ug/l	
20) Methylene Chloride	4.50	84	18670	6.552	ug/l	96
43) Isopropyl Acetate	8.13	43	77277	10.415	ug/l	99

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

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Manual Integrations APPROVED
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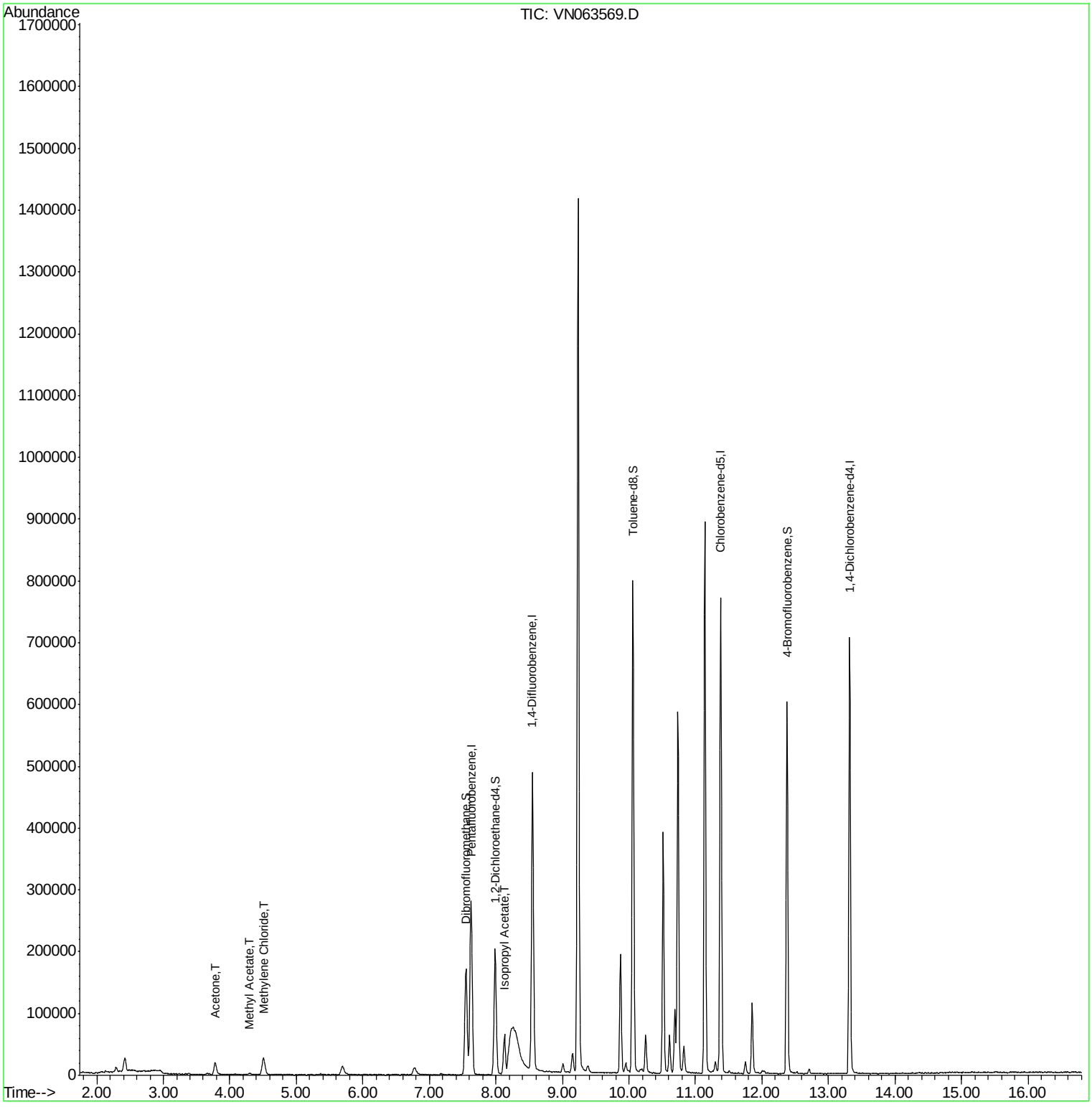
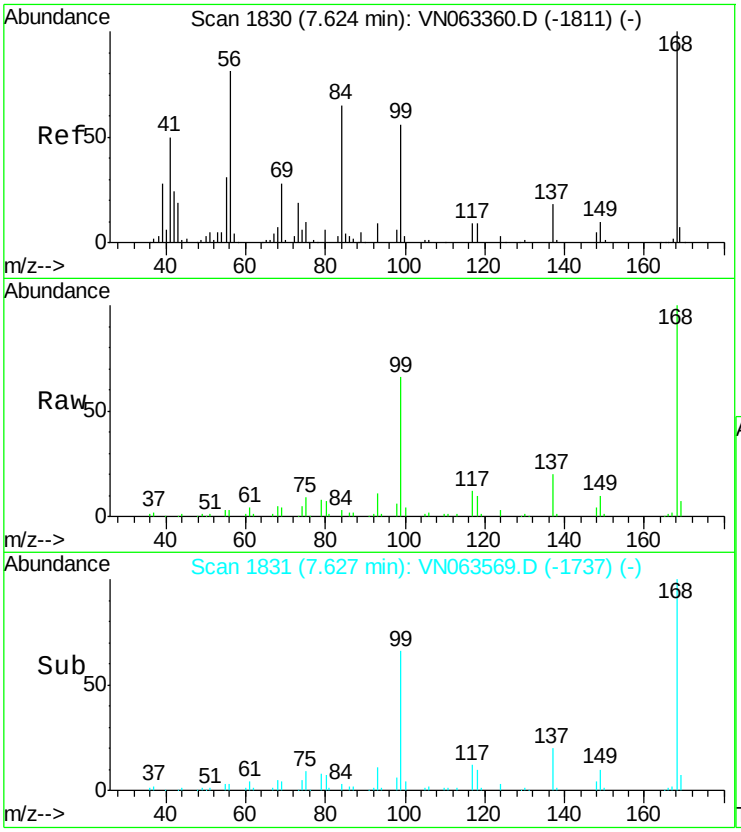
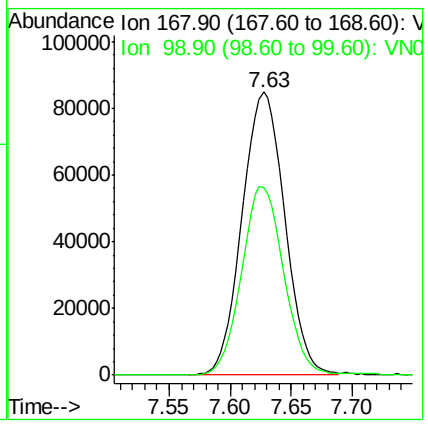




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063569.D
Acq: 23 Sep 2020 6:52

Tgt Ion:168 Resp: 205580

Ion	Ratio	Lower	Upper
168	100		
99	66.1	53.0	79.6



Instrument :
MSVOA_N
ClientSampleId :
PB131772ZHE#07

Manual Integrations APPROVED
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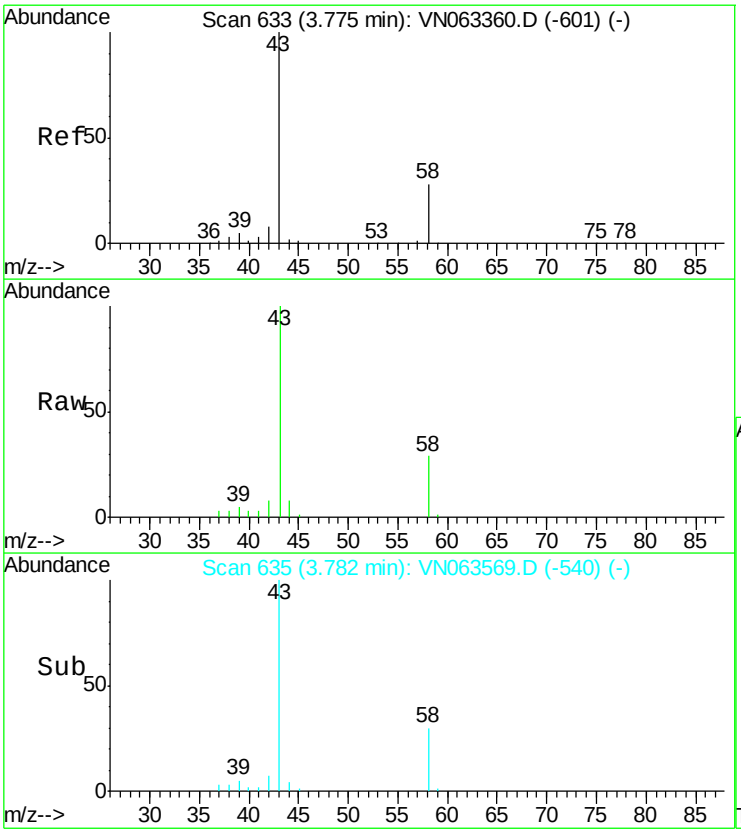
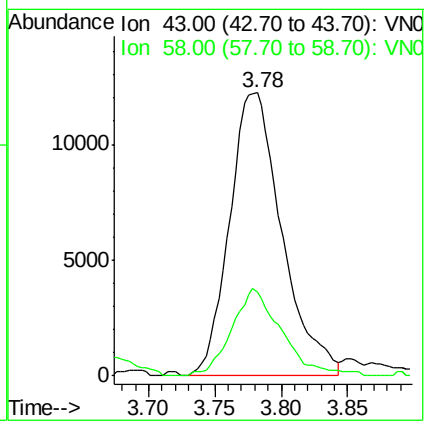
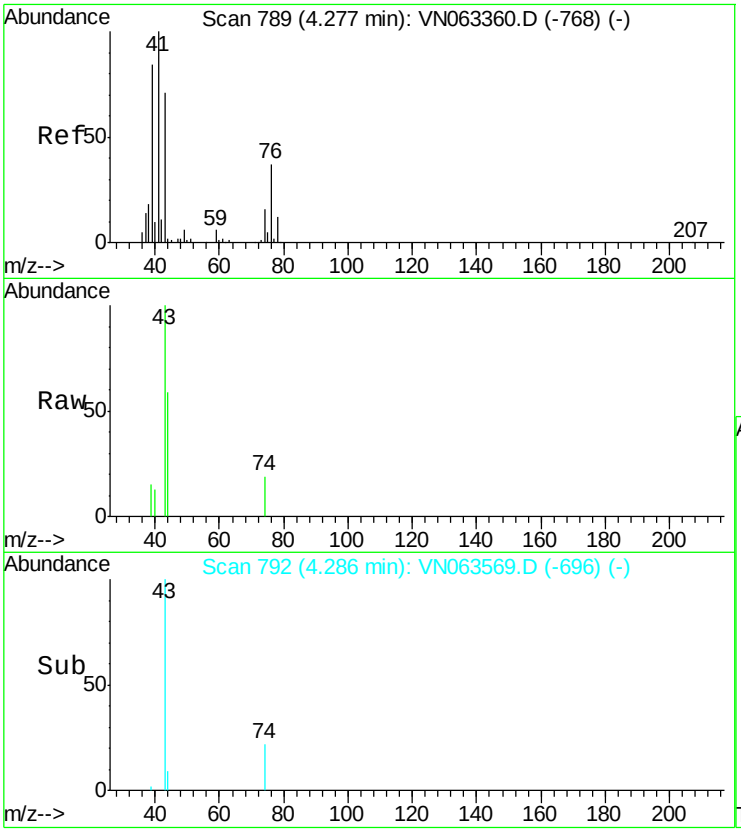


#16
Acetone
Concen: 29.961 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN063569.D
Acq: 23 Sep 2020 6:52

Tgt Ion: 43 Resp: 33697

Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.3	33.5





#18
Methyl Acetate
Concen: 1.650 ug/l m
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN063569.D
Acq: 23 Sep 2020 6:52

Tgt Ion: 43 Resp: 4711

Ion	Ratio	Lower	Upper
43	100		
74	14.6	17.4	26.2#

Instrument :
MSVOA_N
ClientSampleId :
PB131772ZHE#07

Manual Integrations APPROVED
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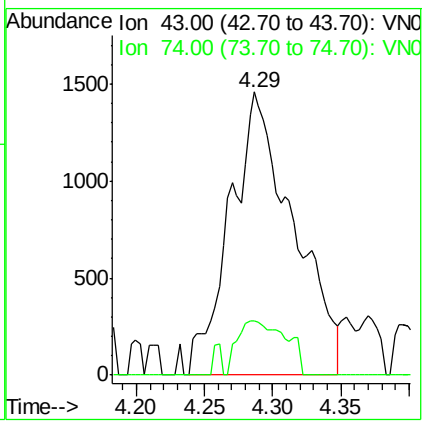
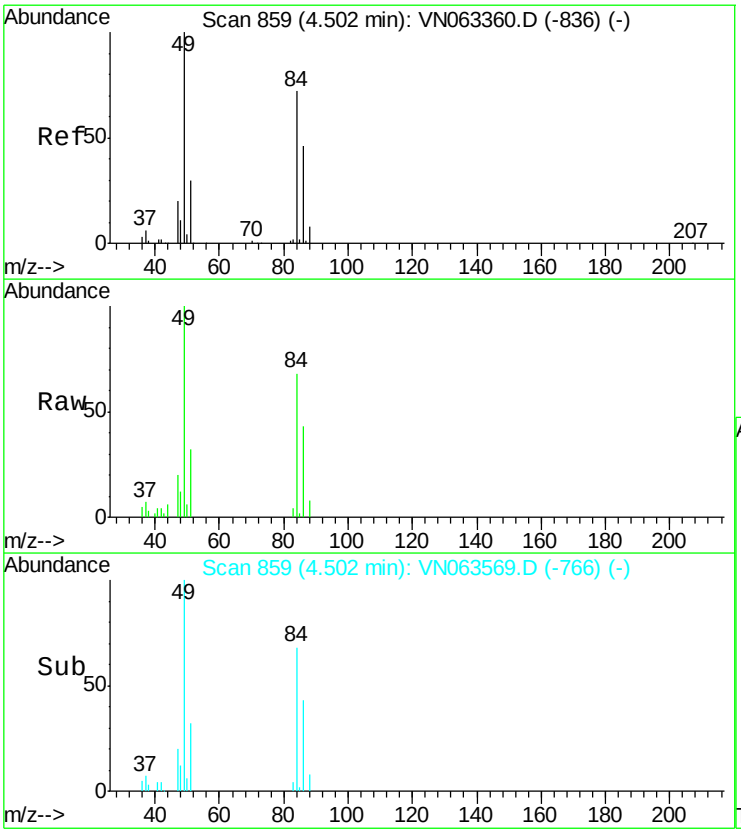
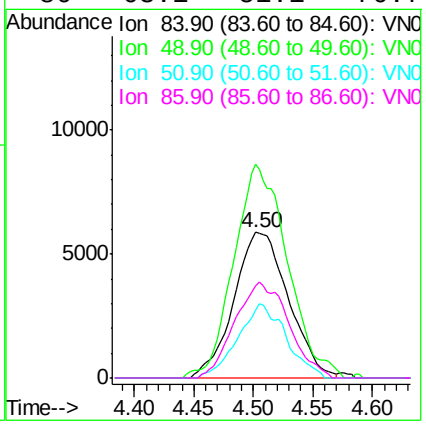


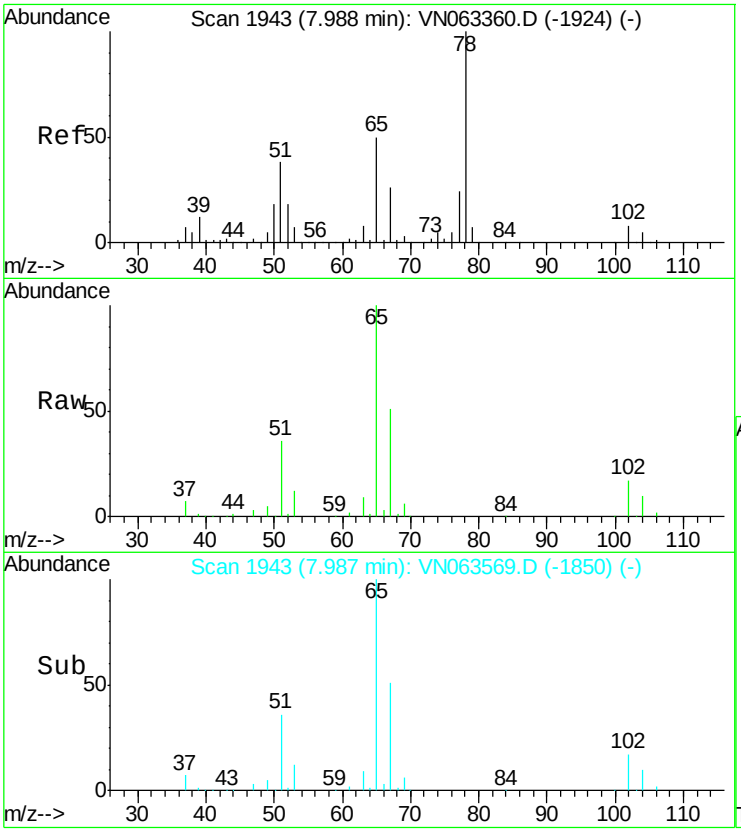


#20
Methylene Chloride
Concen: 6.552 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063569.D
Acq: 23 Sep 2020 6:52

Tgt Ion: 84 Resp: 18670

Ion	Ratio	Lower	Upper
84	100		
49	143.9	110.7	166.1
51	46.3	32.9	49.3
86	63.1	51.1	76.7

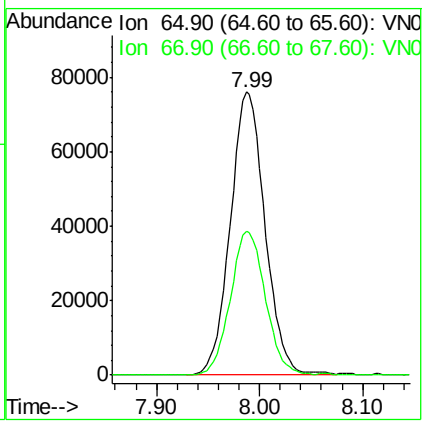




#33
1,2-Dichloroethane-d4
Concen: 50.973 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063569.D
Acq: 23 Sep 2020 6:52

Tgt Ion: 65 Resp: 178382

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.2



Instrument :
MSVOA_N
ClientSampleId :
PB131772ZHE#07

Manual Integrations APPROVED
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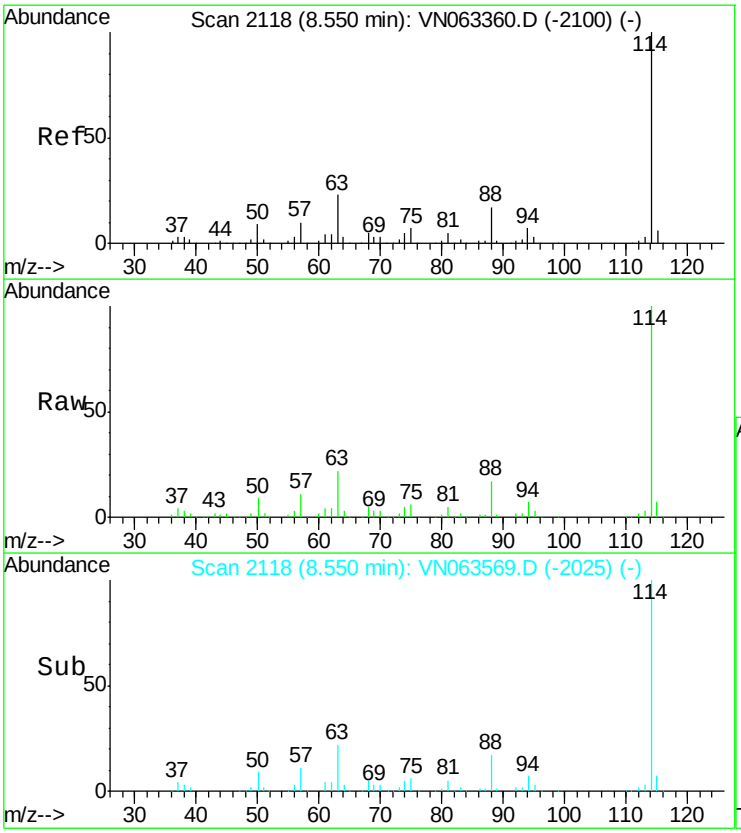
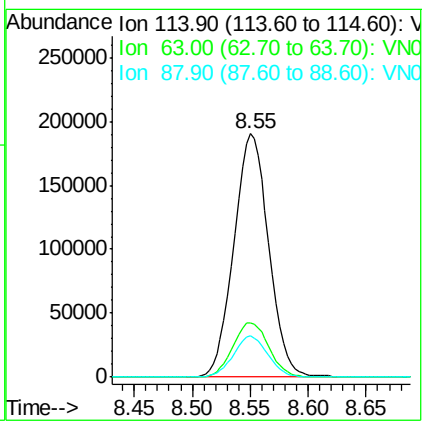
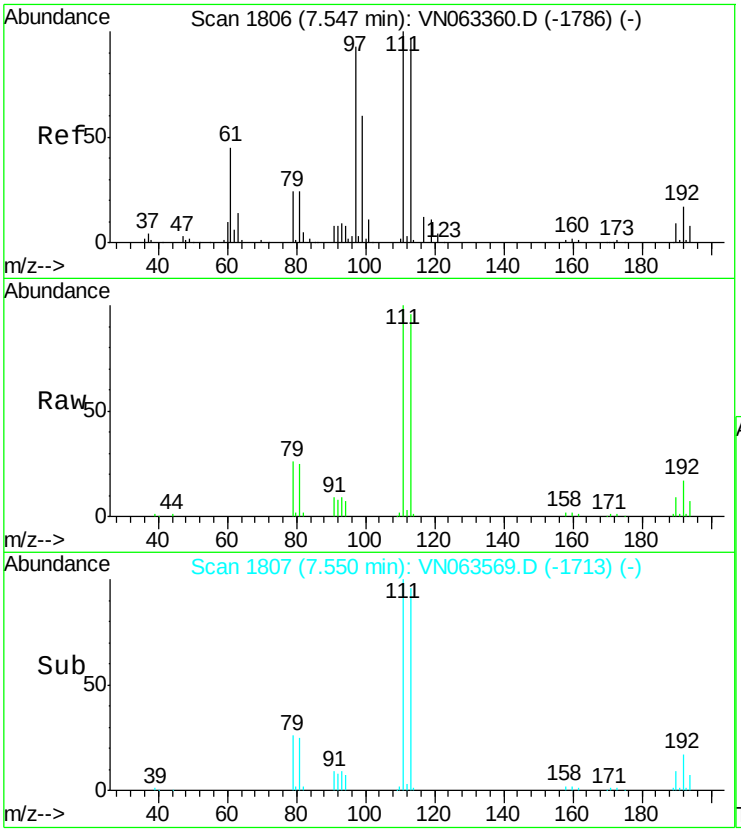


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063569.D
Acq: 23 Sep 2020 6:52

Tgt Ion:114 Resp: 396841

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	46.4
88	16.8	0.0	33.2

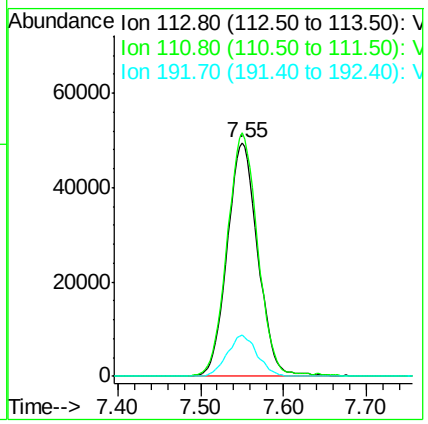




#35
Dibromofluoromethane
Concen: 46.193 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063569.D
Acq: 23 Sep 2020 6:52

Tgt Ion:113 Resp: 126905

Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.9	124.3
192	17.3	13.9	20.9



Instrument :
MSVOA_N
ClientSampleId :
PB131772ZHE#07

Manual Integrations APPROVED
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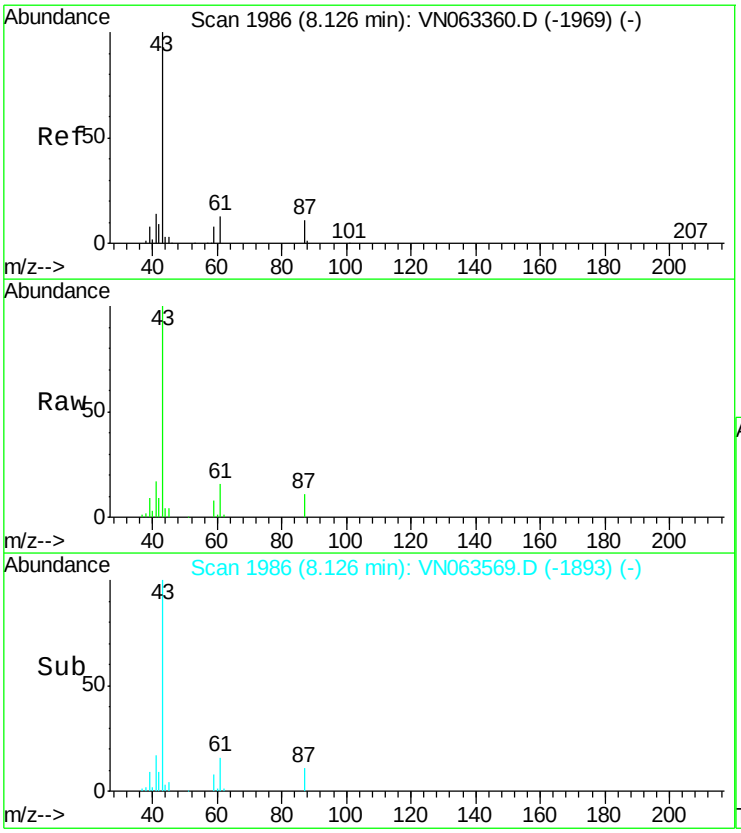
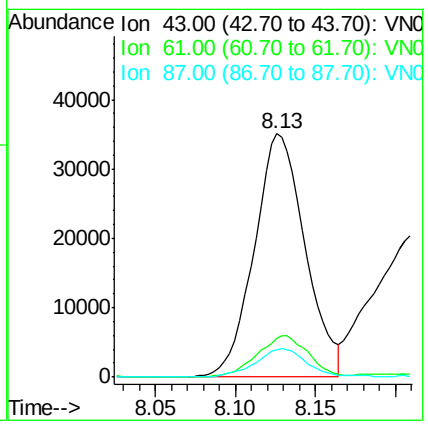
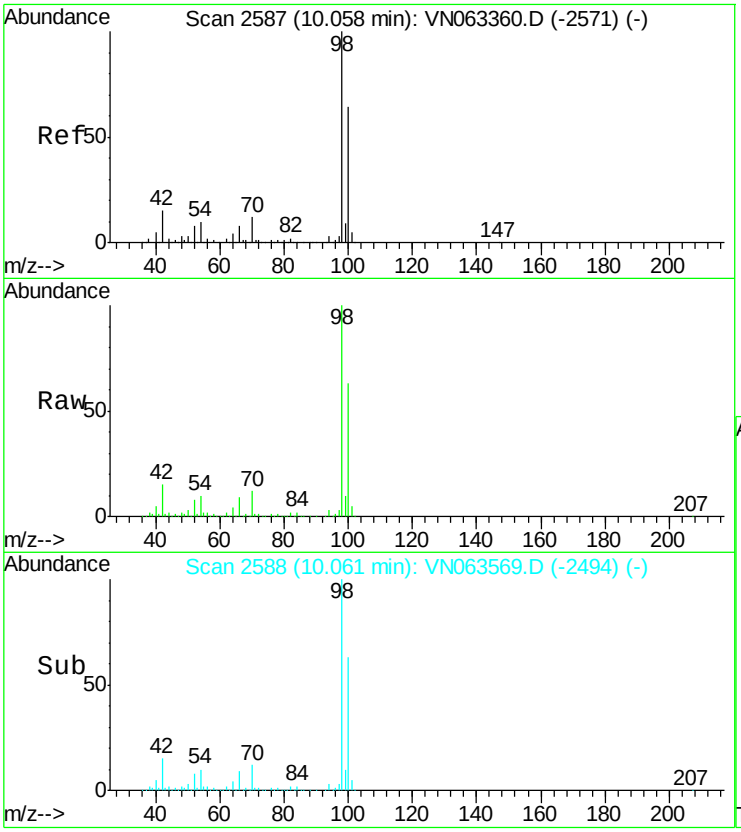


#43
Isopropyl Acetate
Concen: 10.415 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063569.D
Acq: 23 Sep 2020 6:52

Tgt Ion: 43 Resp: 77277

Ion	Ratio	Lower	Upper
43	100		
61	17.2	14.2	21.2
87	11.5	9.0	13.6





#50
Toluene-d8
Concen: 49.918 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063569.D
Acq: 23 Sep 2020 6:52

Tgt Ion: 98 Resp: 515660

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.7	76.1

Instrument :
MSVOA_N
ClientSampleId :
PB131772ZHE#07

Manual Integrations APPROVED
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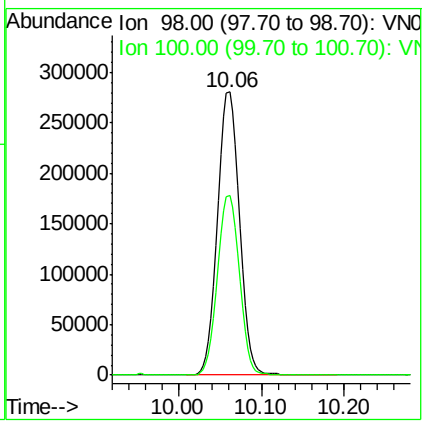
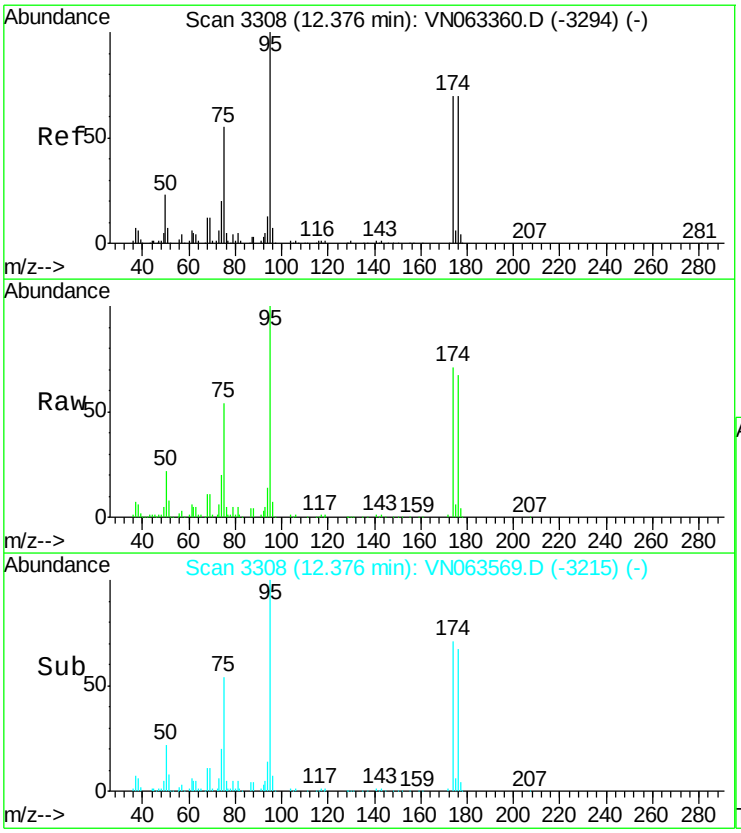
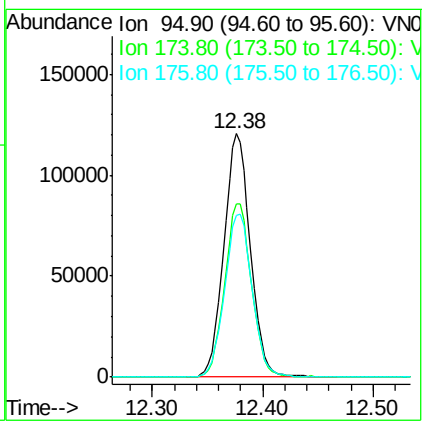


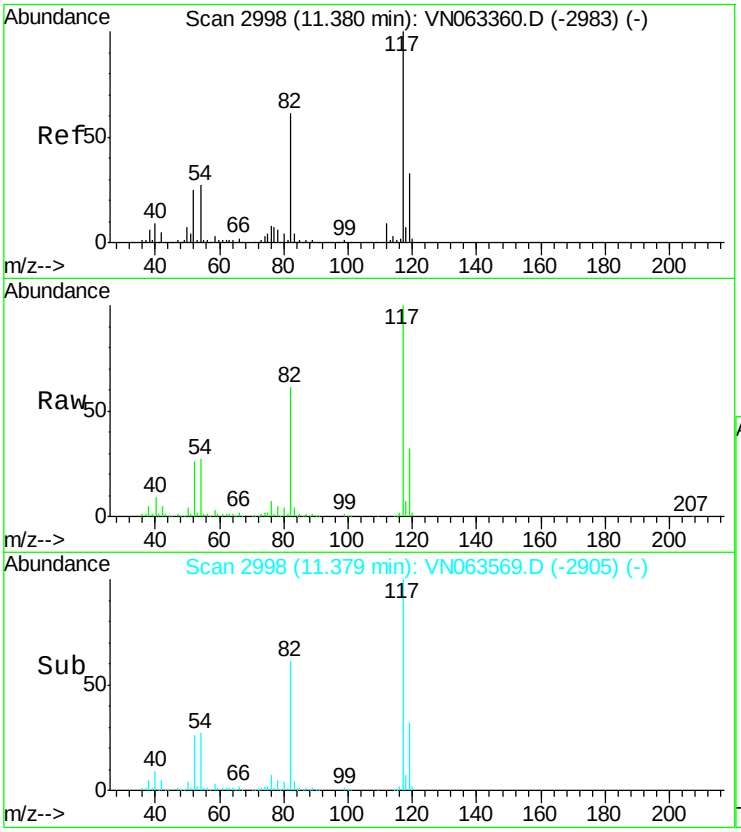


#62
4-Bromofluorobenzene
Concen: 52.833 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063569.D
Acq: 23 Sep 2020 6:52

Tgt Ion: 95 Resp: 200072

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	140.8
176	69.4	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: VN063569.D
Acq: 23 Sep 2020 6:52

Tgt Ion:117 Resp: 399467

Ion	Ratio	Lower	Upper
117	100		
82	61.1	49.2	73.8
119	32.4	26.2	39.4

Instrument :
MSVOA_N
ClientSampleId :
PB131772ZHE#07

Manual Integrations APPROVED
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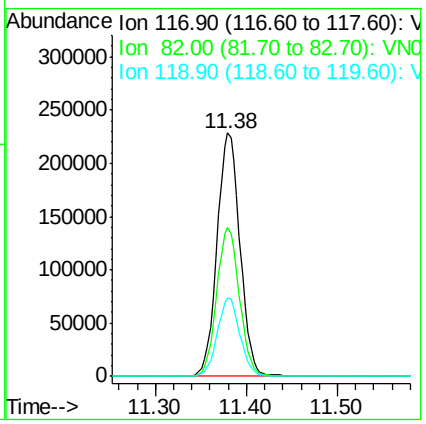
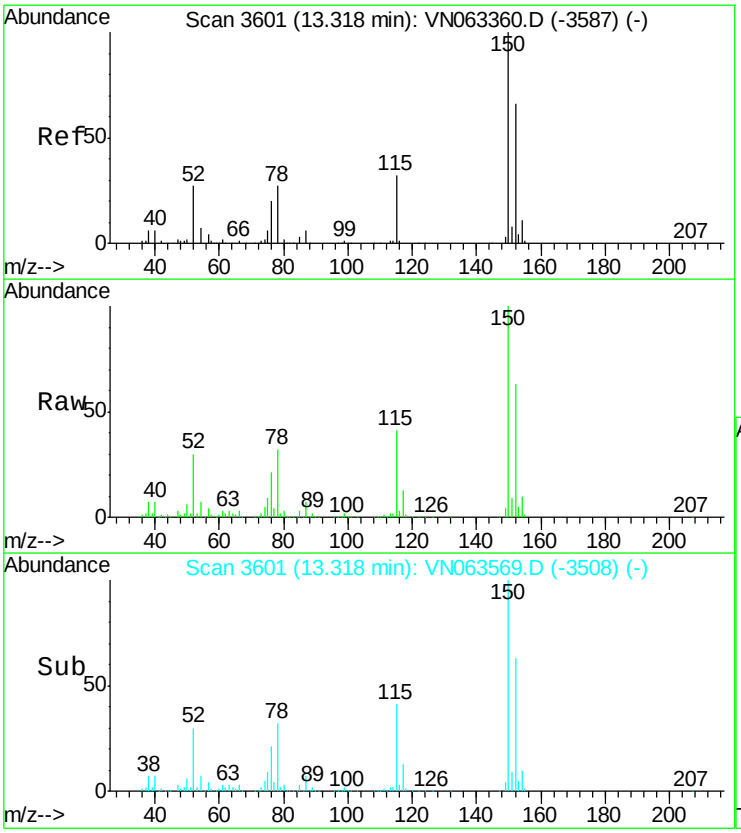
9/23/2020 1:06:52 PM





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063569.D
Acq: 23 Sep 2020 6:52

Tgt Ion:152 Resp: 168514

Ion	Ratio	Lower	Upper
152	100		
115	63.6	32.2	96.6
150	156.4	0.0	343.4