Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100120\
Data File : VN063781.D
Acq On : 1 Oct 2020 18:57
Operator : JC/MD
Sample : PB132009ZHE#03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#03

Manual Integrations APPROVED
MMDadoda
10/2/2020 3:11:52 PM

Quant Time: Oct 02 03:15:05 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	210825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	405786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	420841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	183729	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.50%			
35) Dibromofluoromethane	7.55	113	133777	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.02%			
50) Toluene-d8	10.06	98	518651	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.18%			
62) 4-Bromofluorobenzene	12.38	95	209199	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.28%			
Target Compounds						Qvalue
16) Acetone	3.78	43	22578	21.058	ug/l	95
18) Methyl Acetate	4.28	43	4127m	1.483	ug/l	
20) Methylene Chloride	4.51	84	6771	2.850	ug/l	95
43) Isopropyl Acetate	8.13	43	77067	11.439	ug/l	99

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

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Manual Integrations APPROVED
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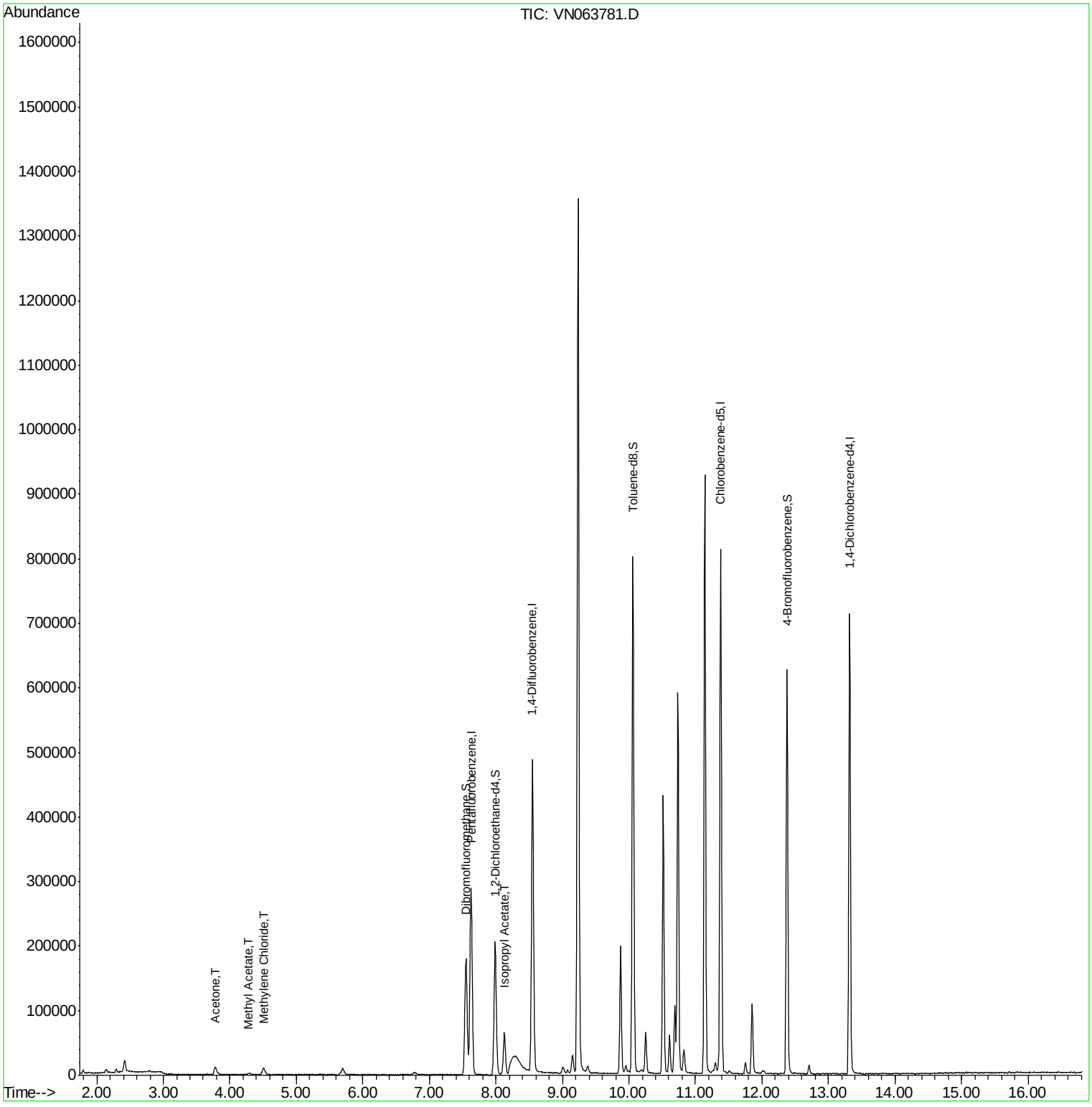

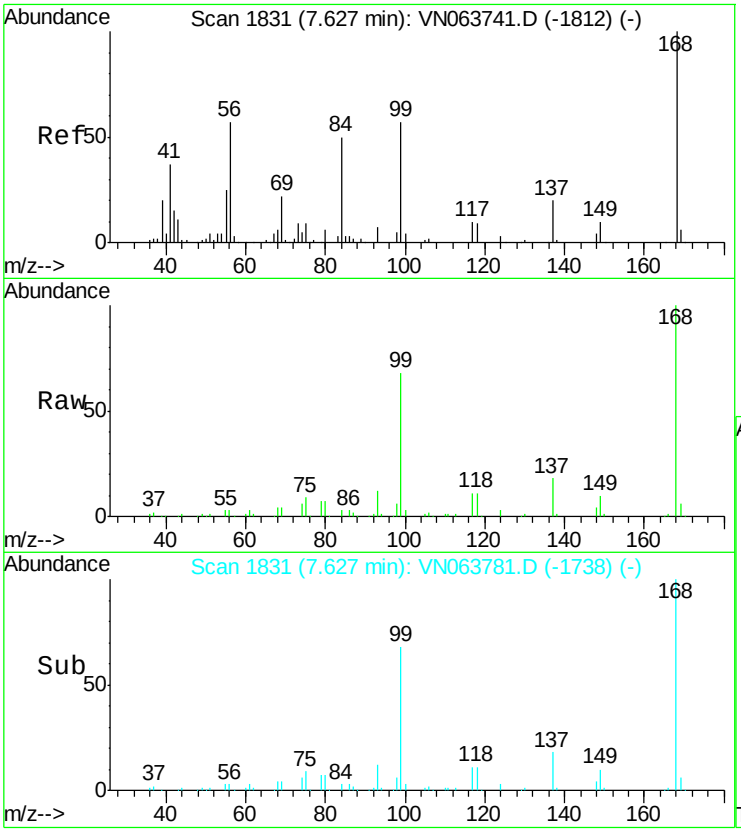

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063781.D
Acq: 1 Oct 2020 18:57

Tgt Ion:168 Resp: 210825

Ion	Ratio	Lower	Upper
168	100		
99	67.5	51.8	77.6

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#03

Manual Integrations APPROVED
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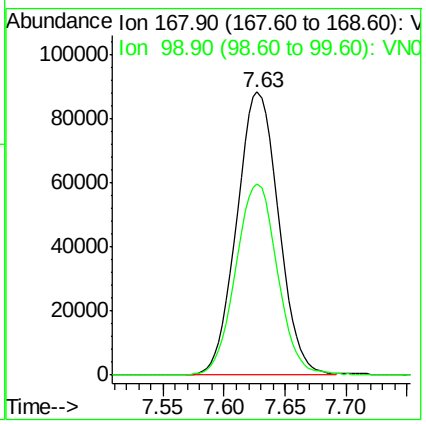
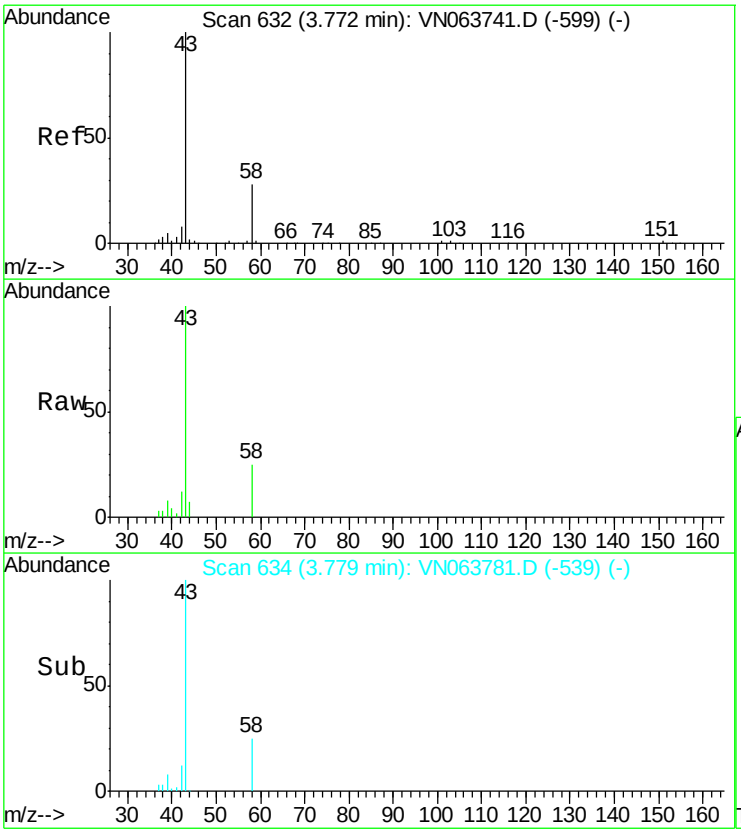
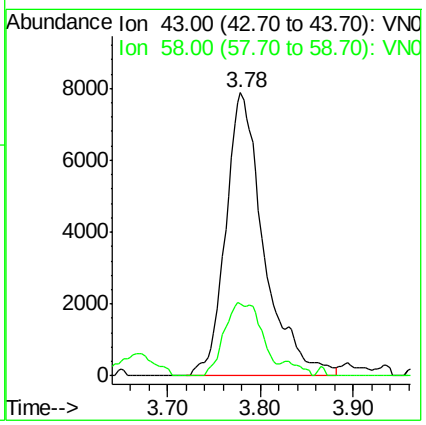


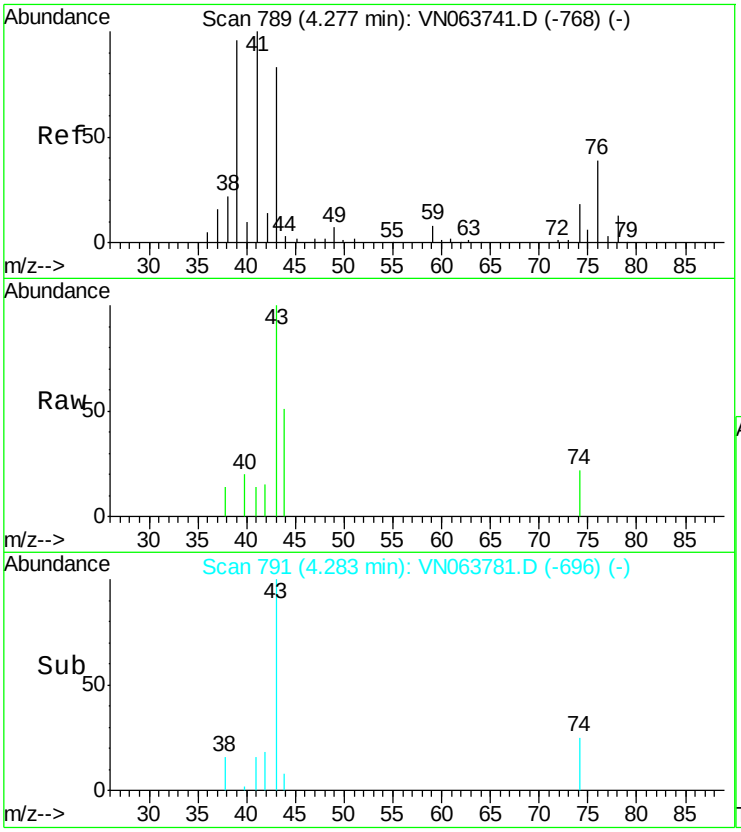


#16
Acetone
Concen: 21.058 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.01 min
Lab File: VN063781.D
Acq: 1 Oct 2020 18:57

Tgt Ion: 43 Resp: 22578

Ion	Ratio	Lower	Upper
43	100		
58	25.3	22.3	33.5

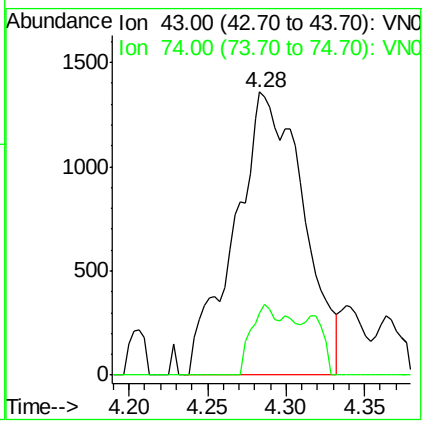




#18
Methyl Acetate
Concen: 1.483 ug/l m
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN063781.D
Acq: 1 Oct 2020 18:57

Tgt Ion: 43 Resp: 4127

Ion	Ratio	Lower	Upper
43	100		
74	9.8	17.4	26.2#



Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#03

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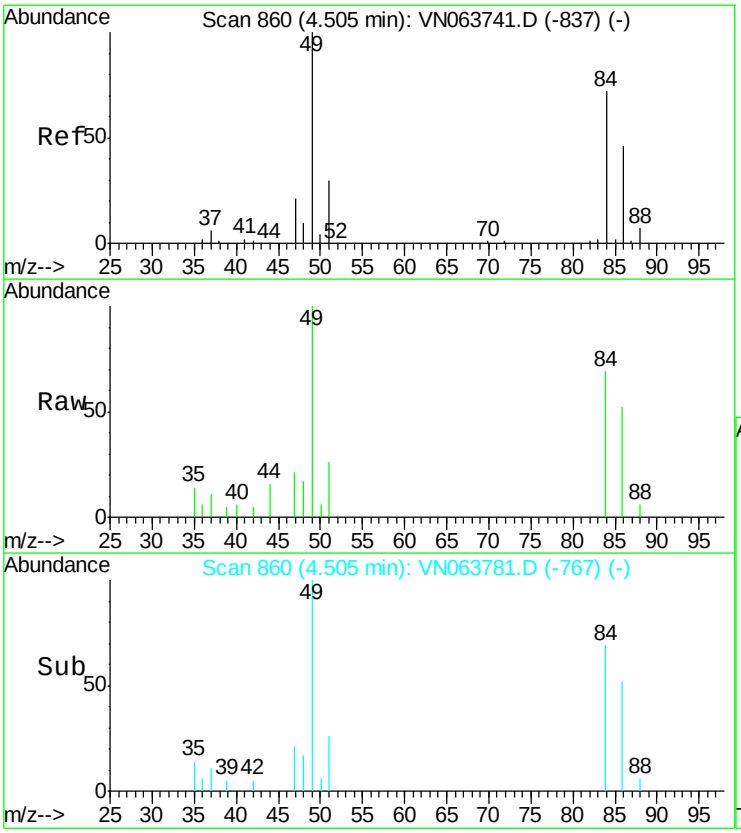
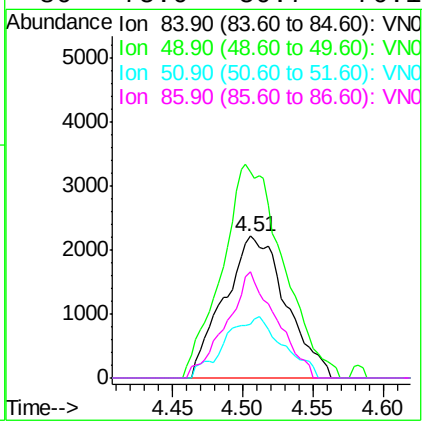
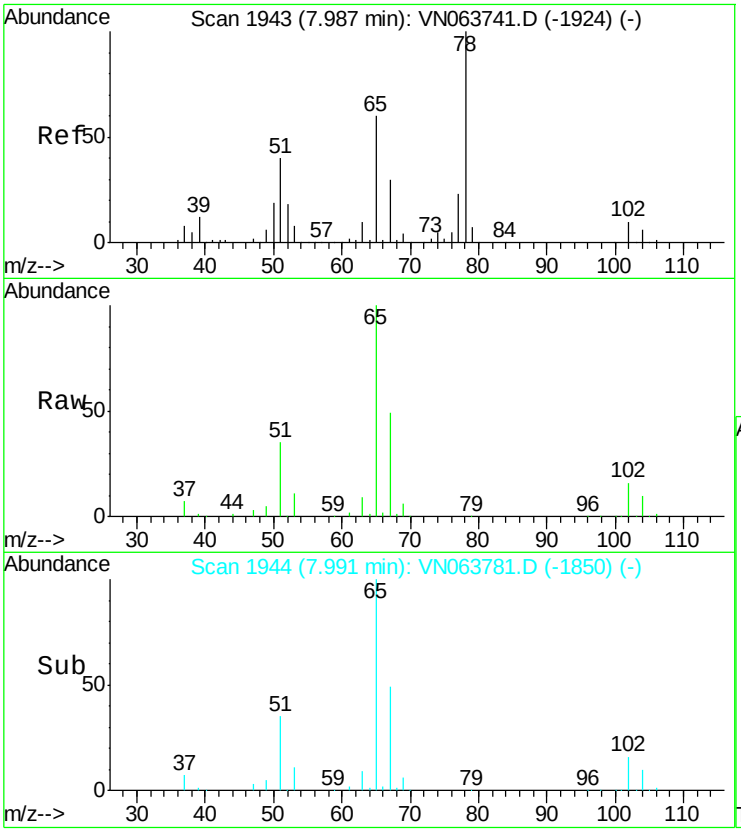


#20
Methylene Chloride
Concen: 2.850 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063781.D
Acq: 1 Oct 2020 18:57

Tgt Ion: 84 Resp: 6771

Ion	Ratio	Lower	Upper
84	100		
49	138.3	110.4	165.6
51	38.1	33.3	49.9
86	75.0	50.7	76.1

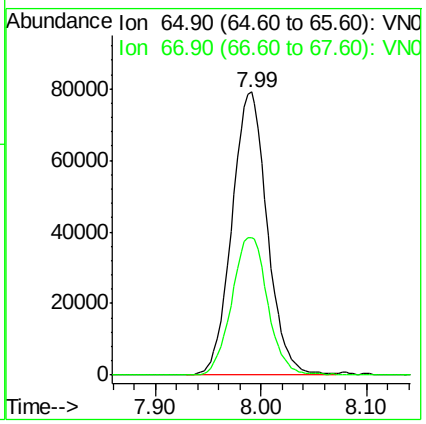




#33
1,2-Dichloroethane-d4
Concen: 52.751 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN063781.D
Acq: 1 Oct 2020 18:57

Tgt Ion: 65 Resp: 183729

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	99.6



Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#03

Manual Integrations APPROVED
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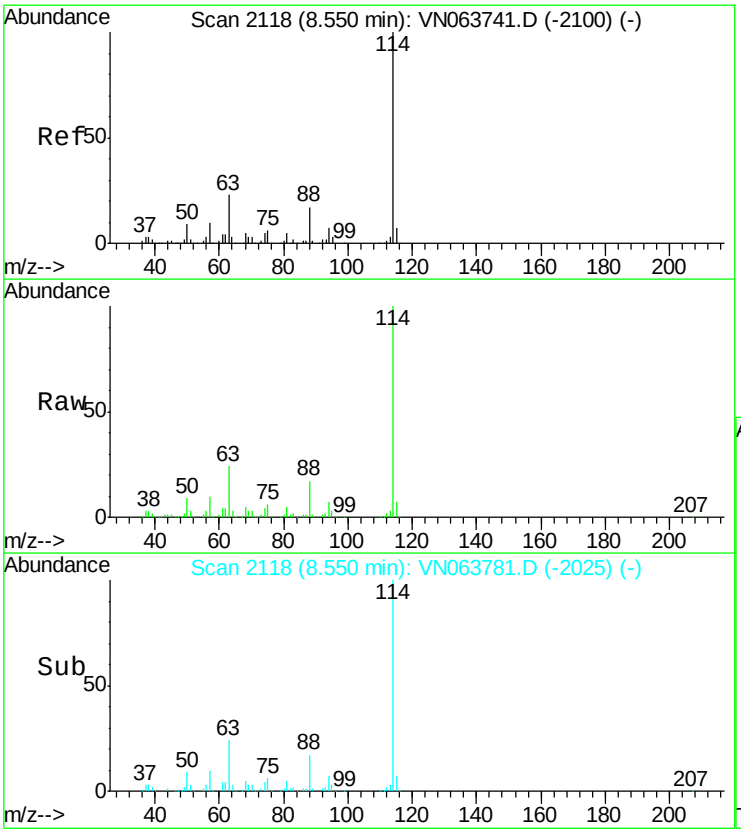
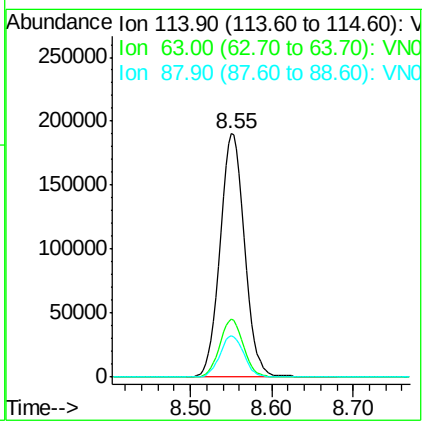
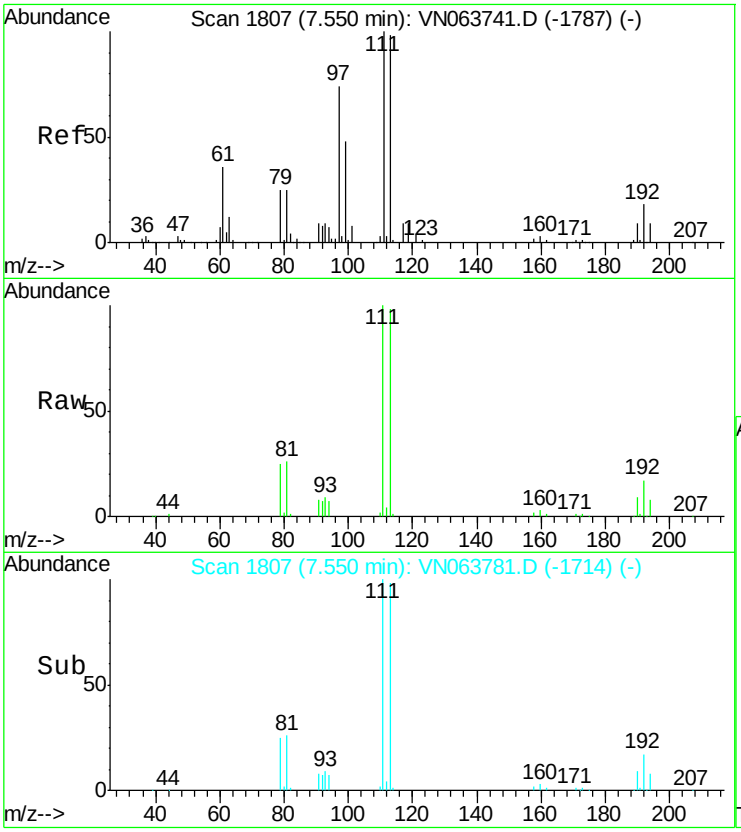


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063781.D
Acq: 1 Oct 2020 18:57

Tgt Ion:114 Resp: 405786

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	45.0
88	16.9	0.0	34.0

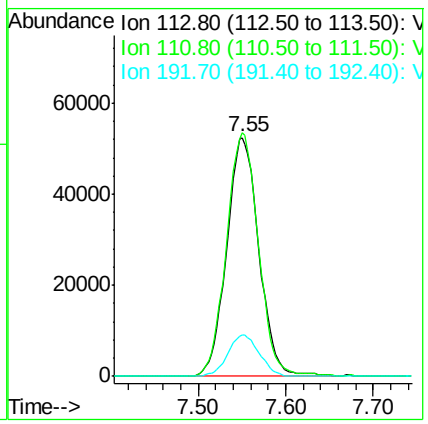




#35
Dibromofluoromethane
Concen: 47.512 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063781.D
Acq: 1 Oct 2020 18:57

Tgt Ion:113 Resp: 133777

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	16.8	14.2	21.2



Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#03

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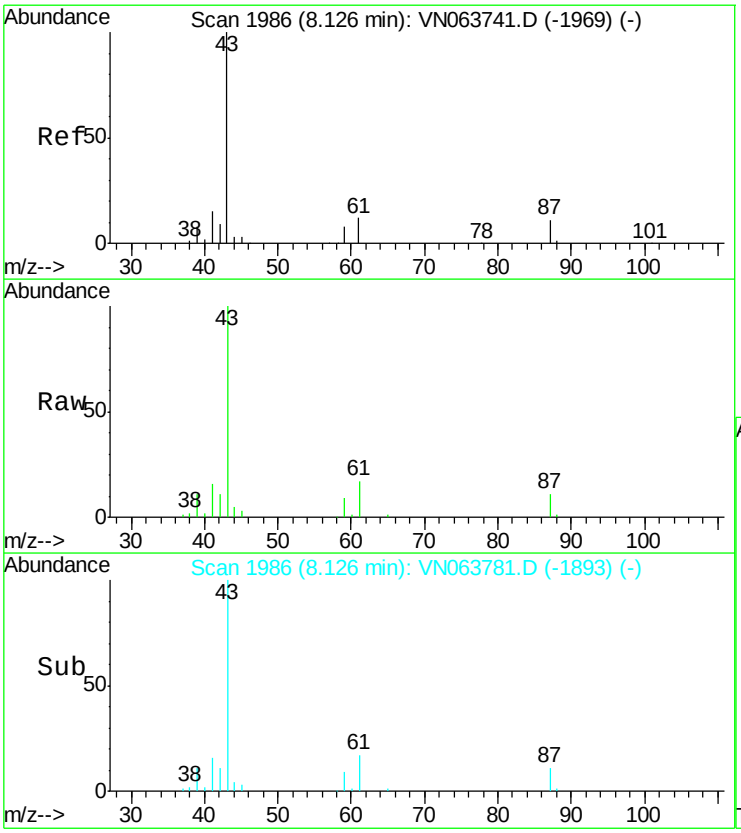
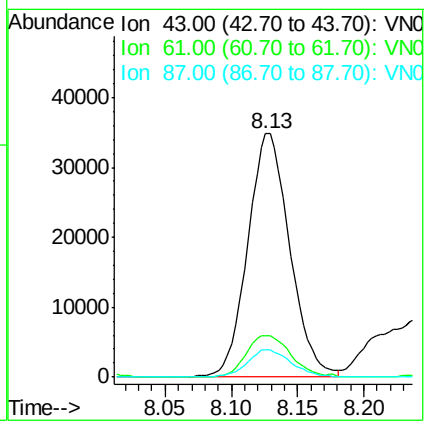
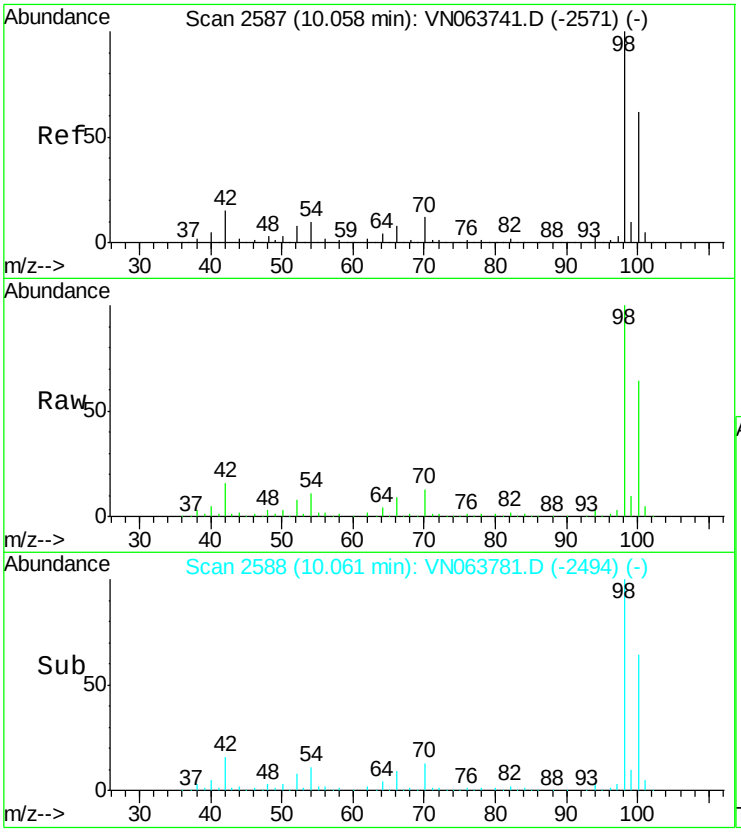


#43
Isopropyl Acetate
Concen: 11.439 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063781.D
Acq: 1 Oct 2020 18:57

Tgt Ion: 43 Resp: 77067

Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.2	21.4
87	11.6	9.0	13.6





#50
Toluene-d8
Concen: 48.591 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063781.D
Acq: 1 Oct 2020 18:57

Tgt Ion: 98 Resp: 518651

Ion	Ratio	Lower	Upper
98	100		
100	63.4	49.8	74.6

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#03

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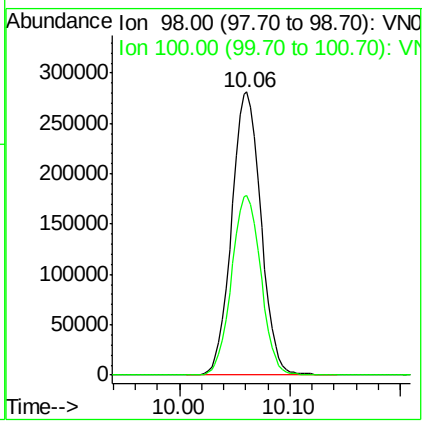
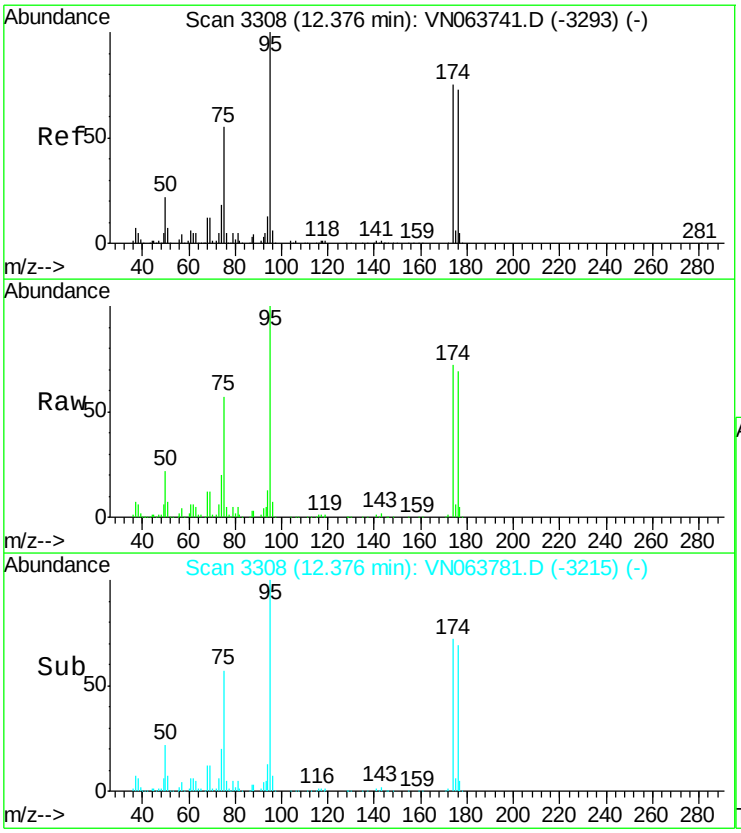
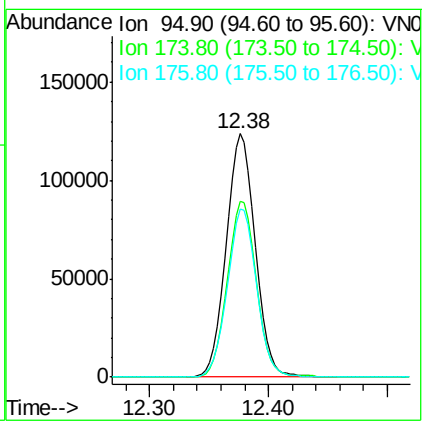


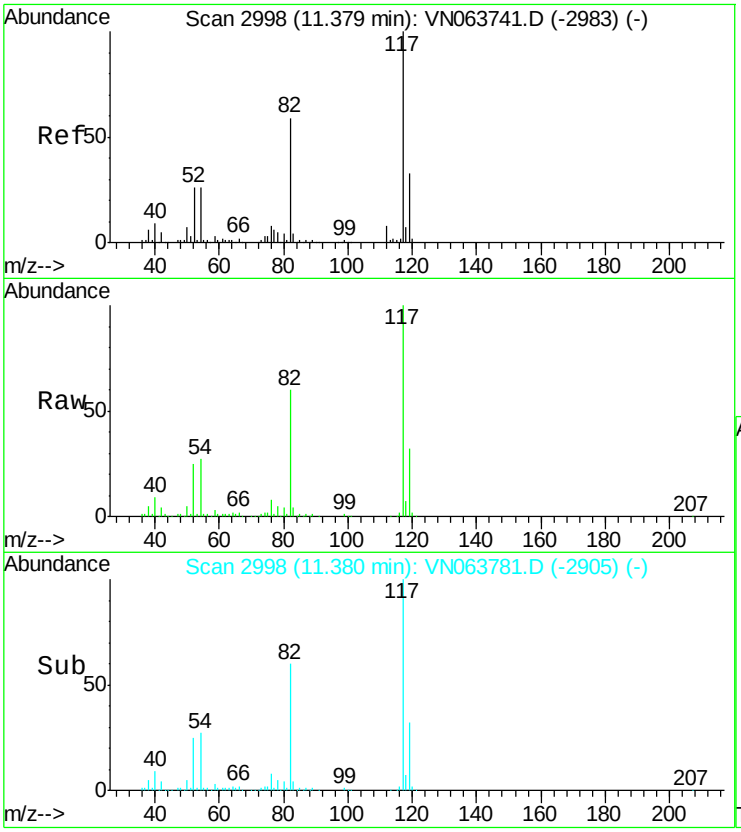


#62
4-Bromofluorobenzene
Concen: 52.138 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063781.D
Acq: 1 Oct 2020 18:57

Tgt Ion: 95 Resp: 209199

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	150.6
176	69.5	0.0	145.4

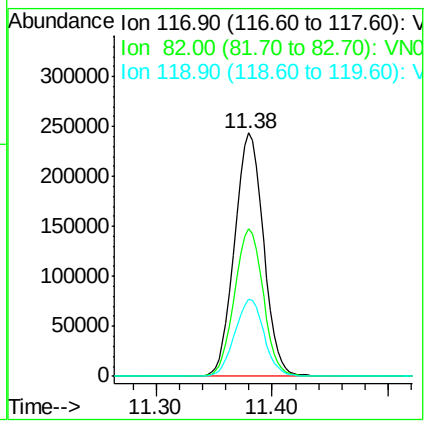




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063781.D
Acq: 1 Oct 2020 18:57

Tgt Ion:117 Resp: 420841

Ion	Ratio	Lower	Upper
117	100		
82	60.4	47.4	71.2
119	31.6	26.4	39.6



Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#03

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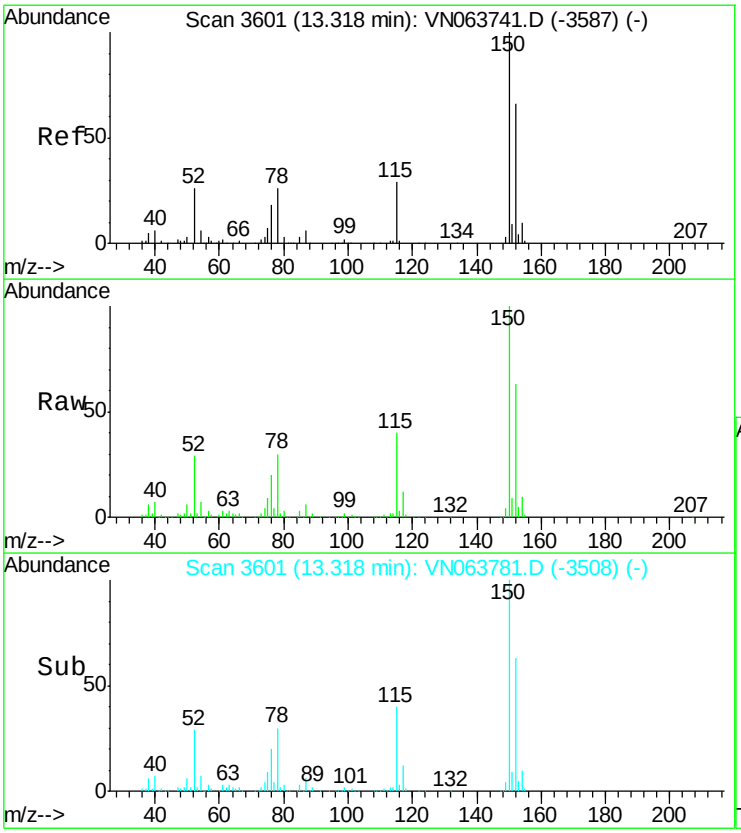

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063781.D
Acq: 1 Oct 2020 18:57

Tgt Ion:152 Resp: 172747

Ion	Ratio	Lower	Upper
152	100		
115	63.3	31.3	93.8
150	157.7	0.0	341.8