Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038569.D
Acq On : 05 Jun 2020 13:49
Operator : SY/MD
Sample : L2860-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D56

Manual Integrations APPROVED
MMDadoda
6/8/2020 1:44:49 PM

Quant Time: Jun 06 01:27:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 06 00:12:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	297758	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292934	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	138430	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	66456	3.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.00%			
7) Chloroethane-d5	1.93	69	59792	4.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.80%			
11) 1,1-Dichloroethene-d2	2.59	63	110139	2.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.00%#			
20) 2-Butanone-d5	4.68	46	296473	50.64	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.28%			
24) Chloroform-d	5.10	84	163532	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
26) 1,2-Dichloroethane-d4	5.74	65	97285	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
32) Benzene-d6	5.76	84	322437	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
36) 1,2-Dichloropropane-d6	6.72	67	102259	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.92	98	271499	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
43) trans-1,3-Dichloropropene-	8.20	79	39166	4.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.00%			
46) 2-Hexanone-d5	8.66	63	248071	51.94	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.88%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	90226	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	12.20	152	116664	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			
Target Compounds						Qvalue
13) Acetone	2.67	43	21660m	5.654	ug/L	
16) Methylene chloride	3.08	84	18701	0.901	ug/L	95
23) Bromochloromethane	5.02	128	4284	0.447	ug/L	94
25) Chloroform	5.12	83	46540	1.295	ug/L	97
27) 1,2-Dichloroethane	5.83	62	8121	0.321	ug/L	100
30) Cyclohexane	5.42	56	47129	1.450	ug/L	93
38) Bromodichloromethane	7.13	83	60390	2.366	ug/L	98
49) Dibromochloromethane	8.83	129	58415	3.490	ug/L	99

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

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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 01:27:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 06 00:12:39 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
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Manual Integrations APPROVED
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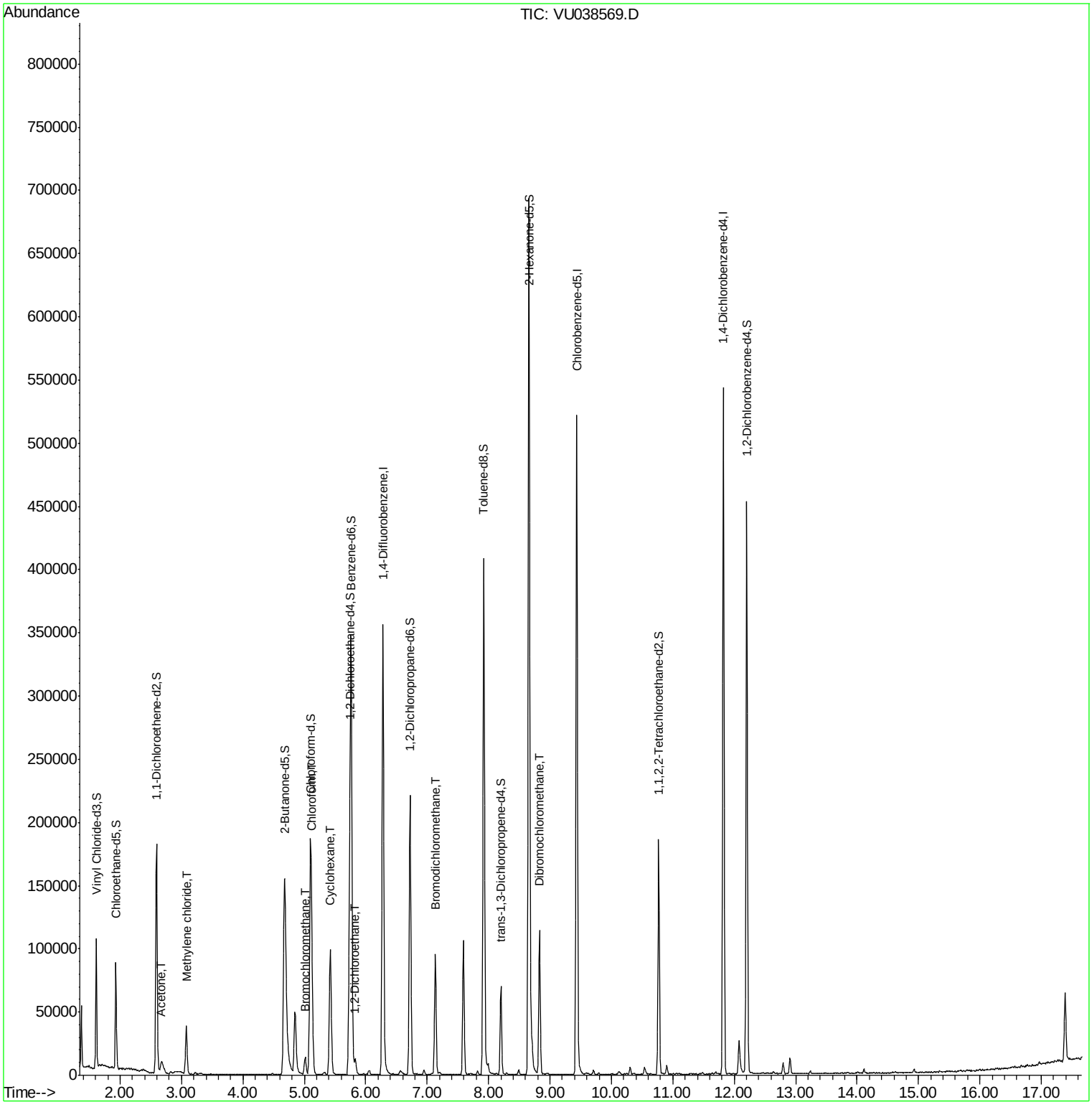
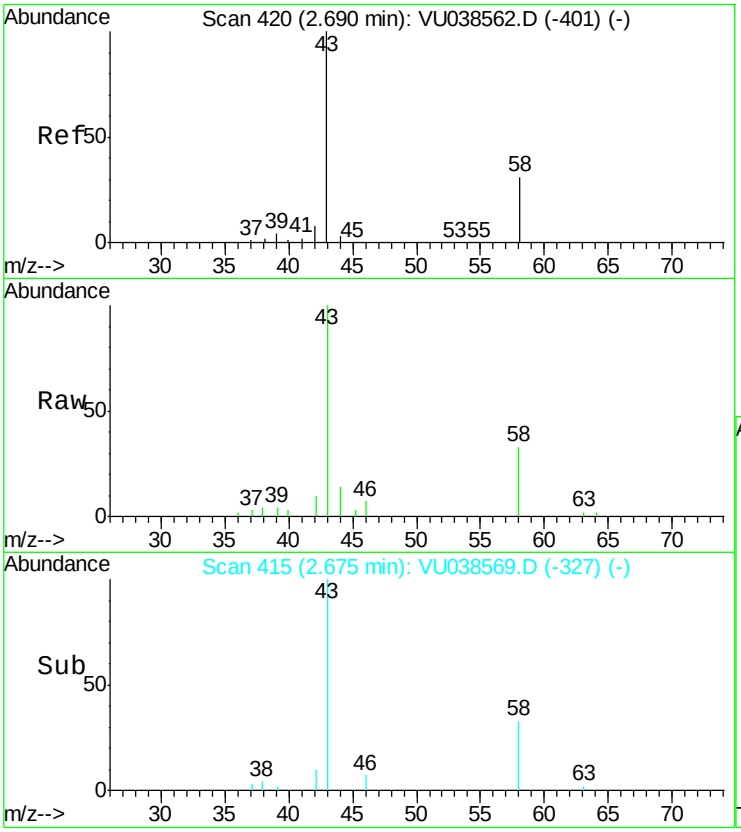
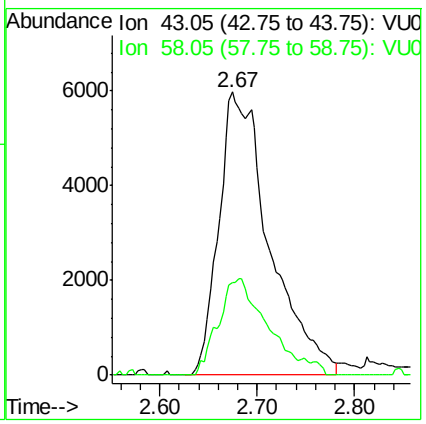




#13
Acetone
Concen: 5.654 ug/L m
RT: 2.67 min Scan# 415
Delta R.T. -0.02 min
Lab File: VU038569.D
Acq: 05 Jun 2020 13:49

Tgt Ion: 43 Resp: 21660

Ion	Ratio	Lower	Upper
43	100		
58	33.7	0.0	65.6



Instrument :
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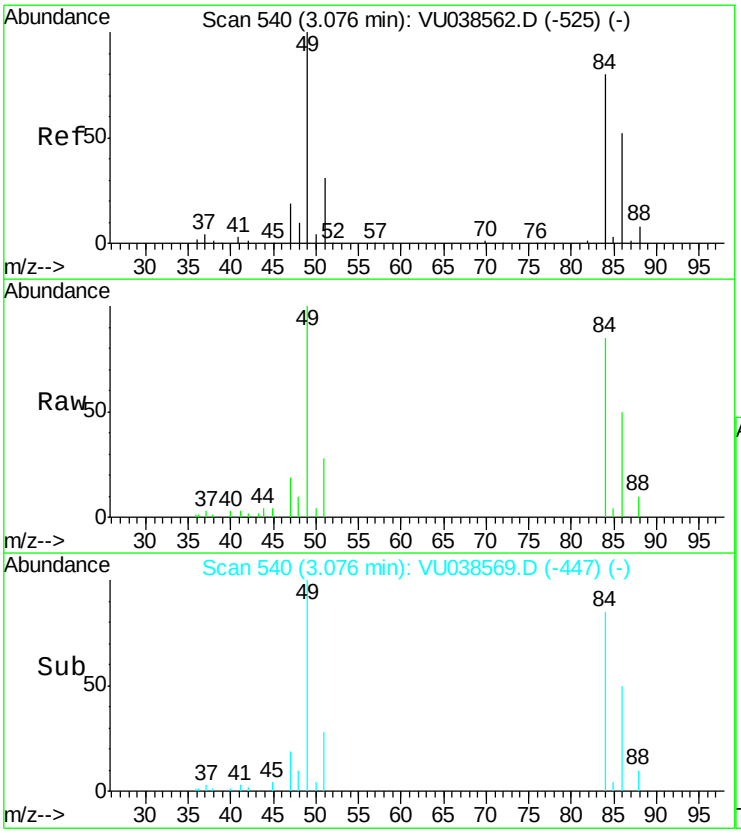
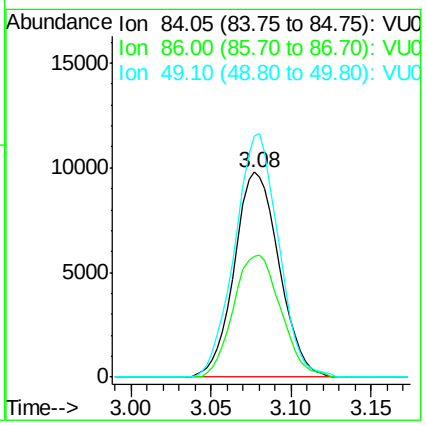
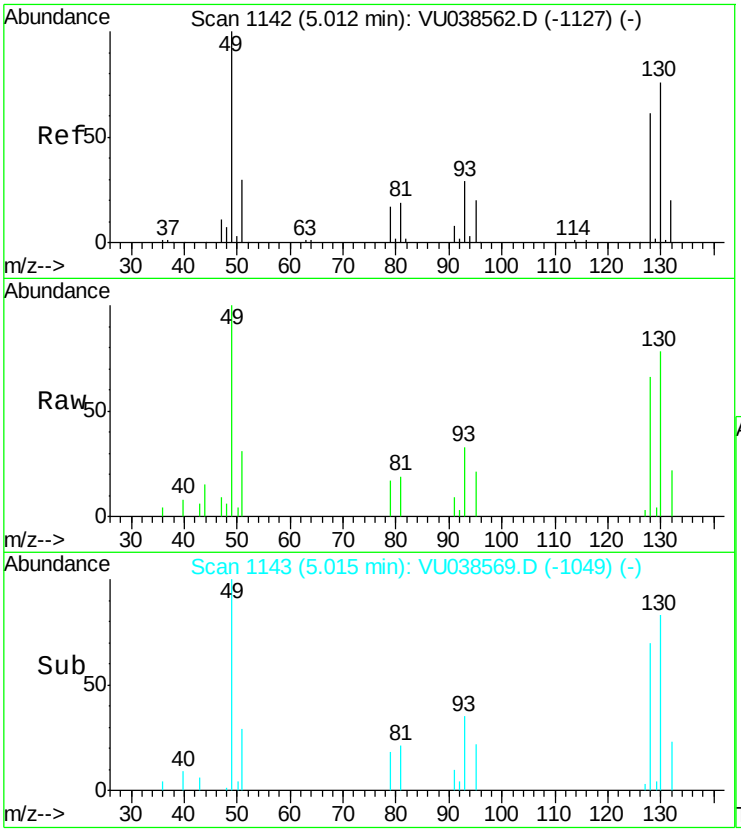


#16
Methylene chloride
Concen: 0.901 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU038569.D
Acq: 05 Jun 2020 13:49

Tgt Ion: 84 Resp: 18701

Ion	Ratio	Lower	Upper
84	100		
86	59.2	45.0	83.6
49	117.8	85.5	158.9

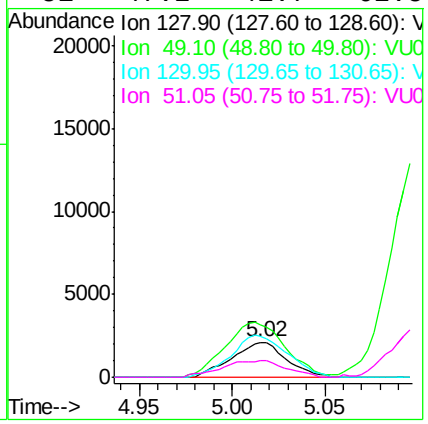




#23
Bromochloromethane
Concen: 0.447 ug/L
RT: 5.02 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU038569.D
Acq: 05 Jun 2020 13:49

Tgt Ion:128 Resp: 4284

Ion	Ratio	Lower	Upper
128	100		
49	150.8	111.9	207.7
130	118.1	86.5	160.7
51	47.2	41.7	62.5



Instrument :
MSVOA_U
ClientSampleId :
F9D56

Manual Integrations APPROVED
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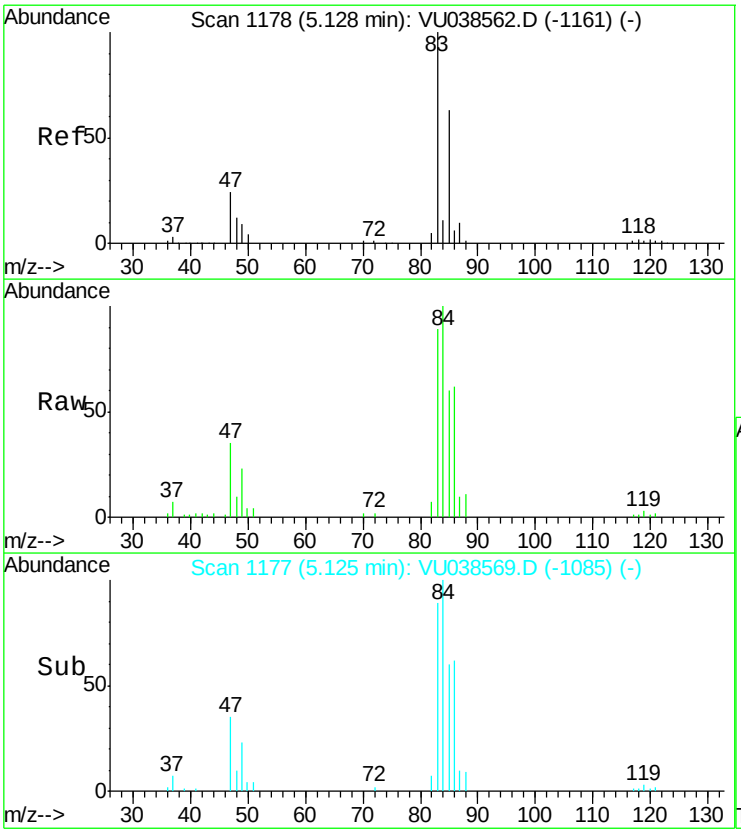
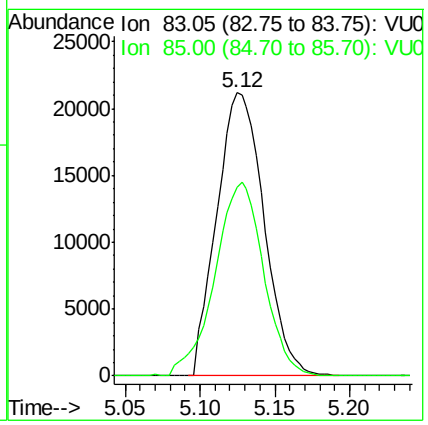
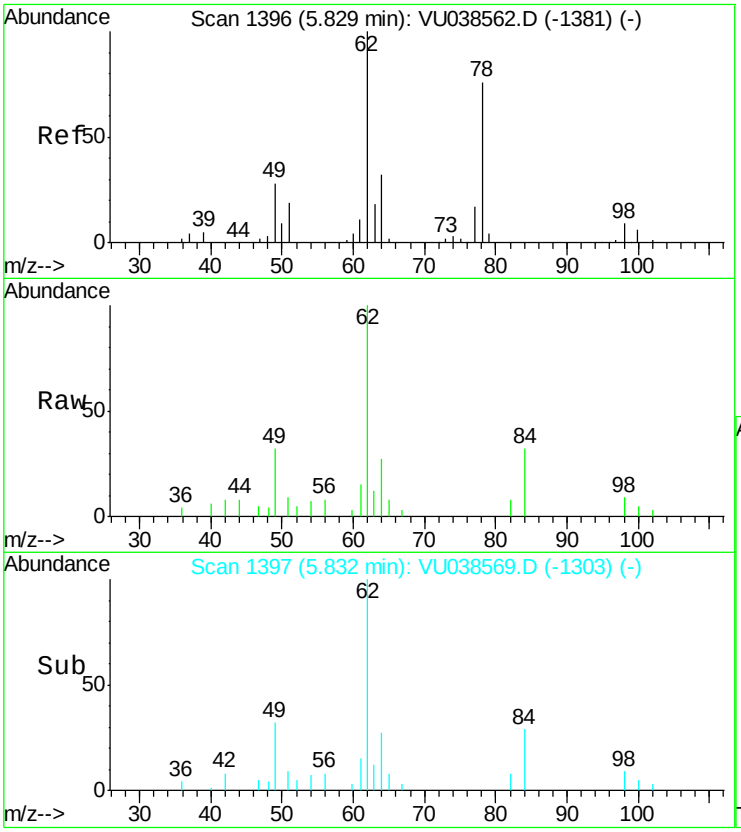


#25
Chloroform
Concen: 1.295 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038569.D
Acq: 05 Jun 2020 13:49

Tgt Ion: 83 Resp: 46540

Ion	Ratio	Lower	Upper
83	100		
85	66.8	44.9	83.5

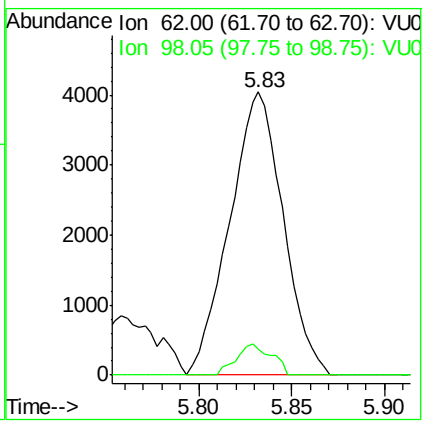




#27
1,2-Dichloroethane
Concen: 0.321 ug/L
RT: 5.83 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VU038569.D
Acq: 05 Jun 2020 13:49

Tgt Ion: 62 Resp: 8121

Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.4	11.2



Instrument :
MSVOA_U
ClientSampleId :
F9D56

Manual Integrations APPROVED
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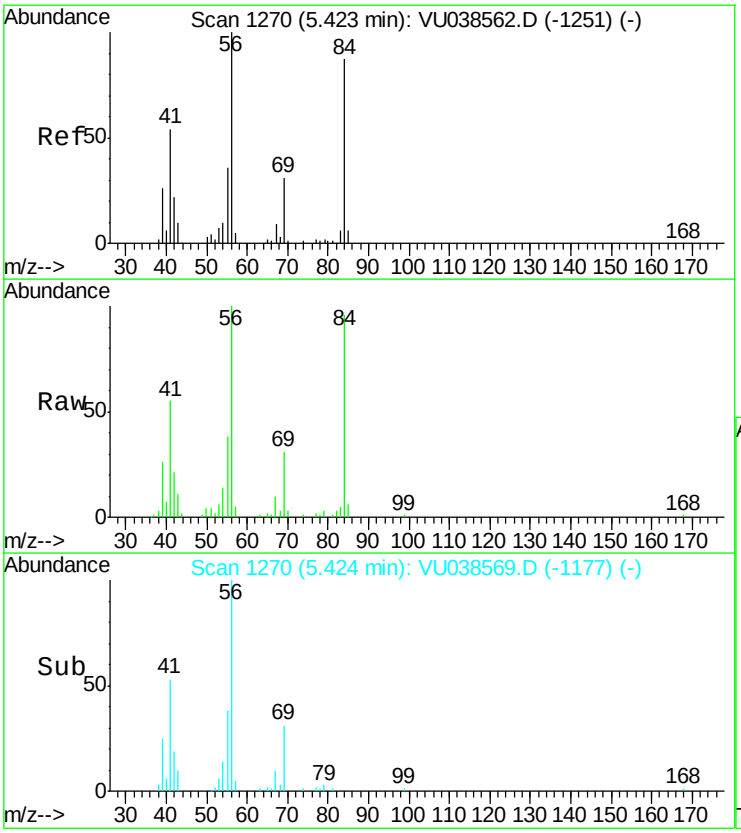
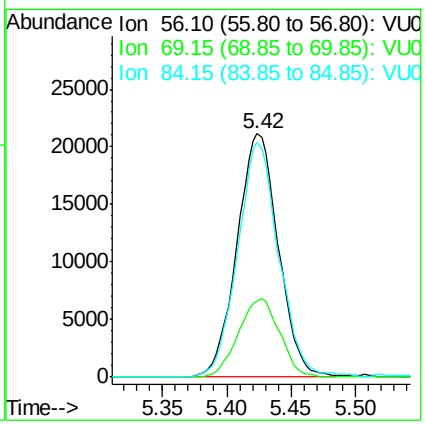
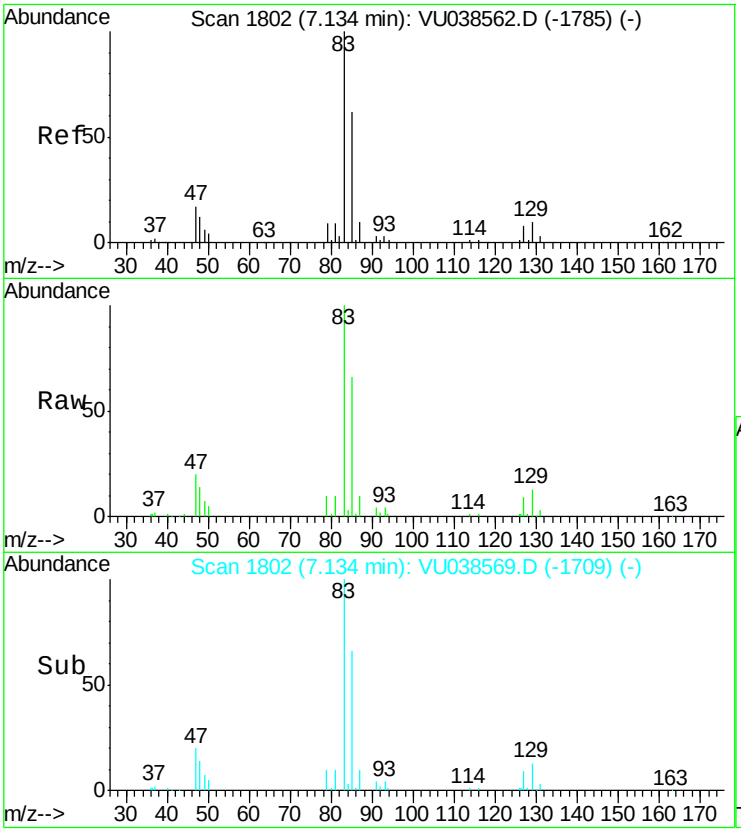


#30
Cyclohexane
Concen: 1.450 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038569.D
Acq: 05 Jun 2020 13:49

Tgt Ion: 56 Resp: 47129

Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.2	36.4
84	96.5	70.8	106.2

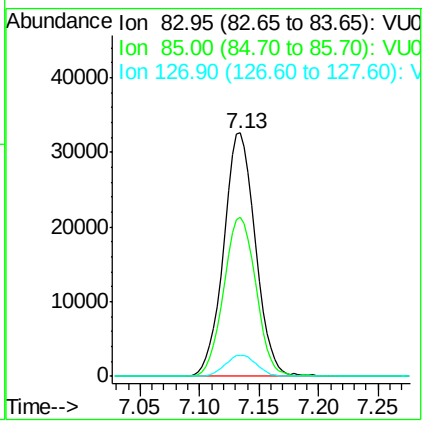




#38
Bromodichloromethane
Concen: 2.366 ug/L
RT: 7.13 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VU038569.D
Acq: 05 Jun 2020 13:49

Tgt Ion: 83 Resp: 60390

Ion	Ratio	Lower	Upper
83	100		
85	65.6	44.7	83.1
127	8.8	6.8	10.2



Instrument :
MSVOA_U
ClientSampleId :
F9D56

Manual Integrations APPROVED
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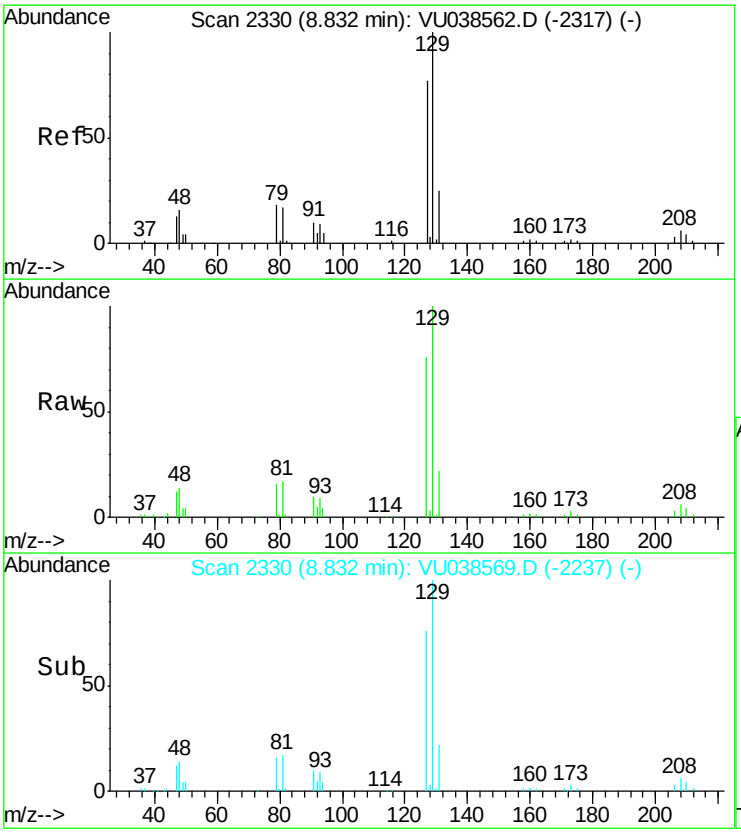

#49
Dibromochloromethane
Concen: 3.490 ug/L
RT: 8.83 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VU038569.D
Acq: 05 Jun 2020 13:49

Tgt Ion:129 Resp: 58415

Ion	Ratio	Lower	Upper
129	100		
127	75.6	53.3	99.1