Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

Quantitation Report (Not Reviewed)

Data File : VV010865.D
Acq On : 14 May 2019 16:33
Operator : SY/MD
Sample : K2737-17
Misc : 4.12G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB865

Quant Time: May 15 06:56:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	95661	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	83011	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	24491	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	25750	21.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.52%			
7) Chloroethane-d5	1.56	69	22342	28.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.52%			
10) 1,1-Dichloroethene-d2	2.12	63	38084	16.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.04%			
20) 2-Butanone-d5	3.94	46	13777	35.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.86%			
24) Chloroform-d	4.40	84	68461	24.79	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.16%			
26) 1,2-Dichloroethane-d4	5.08	65	42121	26.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.32%			
29) Benzene-d6	5.09	84	131615	28.65	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.60%			
33) 1,2-Dichloropropane-d6	6.11	67	45087	30.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 123.04%#			
37) Toluene-d8	7.36	98	101203	22.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.68%			
38) trans-1,3-Dichloropropene-	7.66	79	12245	19.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.60%			
39) 2-Hexanone-d5	8.13	63	6600	23.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 47.52%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	32036	23.56	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.24%			
61) 1,2-Dichlorobenzene-d4	11.67	152	23400	22.87	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.48%			
Target Compounds						Qvalue
6) Bromomethane	1.51	94	735	2.314	ug/L	97
13) Acetone	2.19	43	8735	22.365	ug/L	99
16) Methylene chloride	2.53	84	6421	4.159	ug/L	96
21) 2-Butanone	3.99	43	2736	5.427	ug/L #	47
25) Chloroform	4.42	83	2983	1.082	ug/L #	30
35) Trichloroethene	5.66	95	2865	2.285	ug/L #	5
36) Methylcyclohexane	6.12	83	10526	6.032	ug/L #	19
40) 1,2-Dichloropropane	6.11	63	4912	3.727	ug/L #	88
42) cis-1,3-Dichloropropene	7.03	75	1068	0.556	ug/L #	57
47) Tetrachloroethene	8.02	164	2129	2.298	ug/L	89
49) 2-Hexanone	8.17	43	2227	3.240	ug/L #	51
50) Dibromochloromethane	8.02	129	2174	1.842	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	2949	2.904	ug/L	95

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

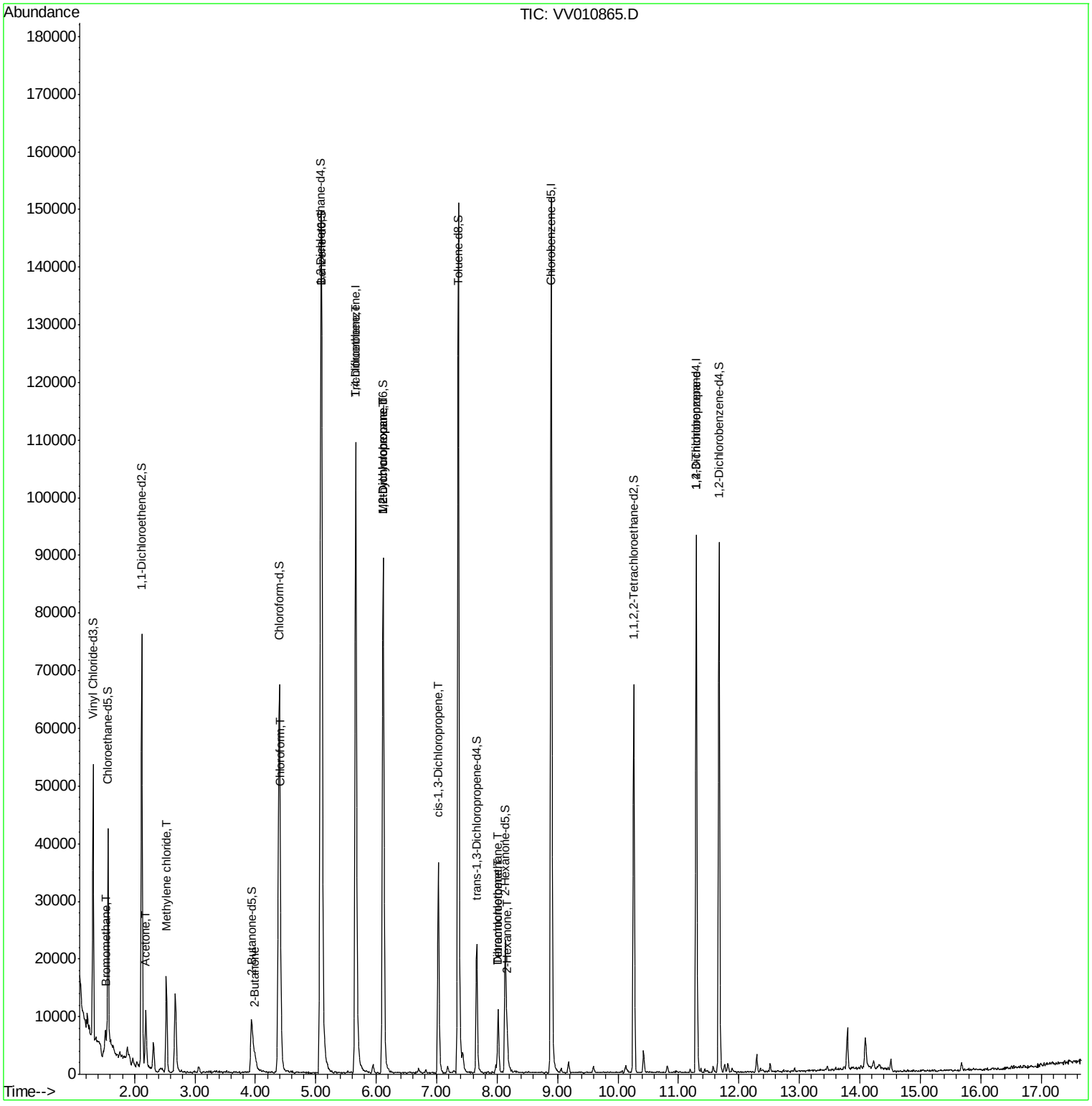
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

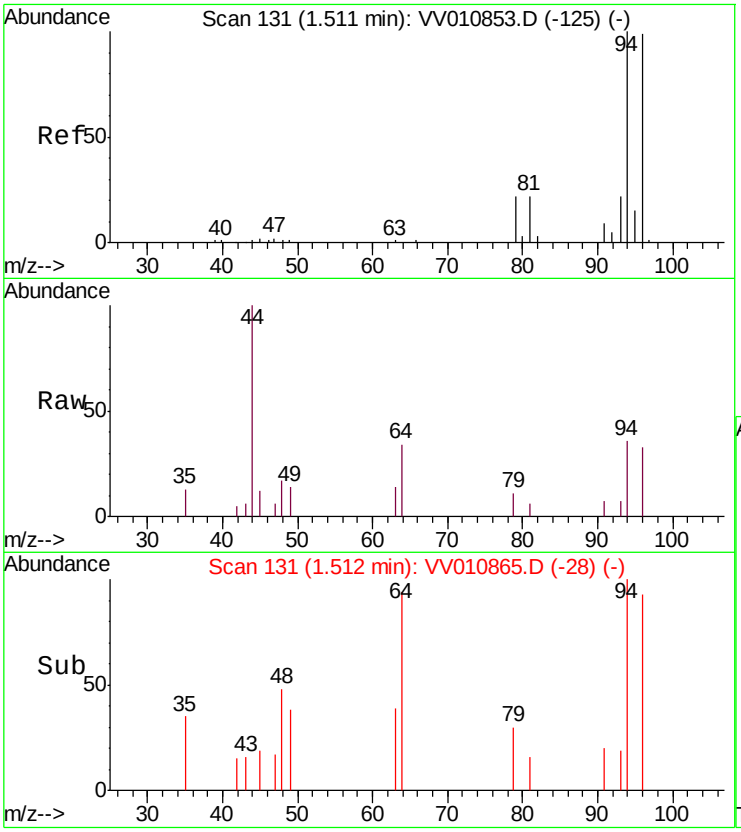
Quantitation Report (Not Reviewed)

Data File : VV010865.D
Acq On : 14 May 2019 16:33
Operator : SY/MD
Sample : K2737-17
Misc : 4.12G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB865

Quant Time: May 15 06:56:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration



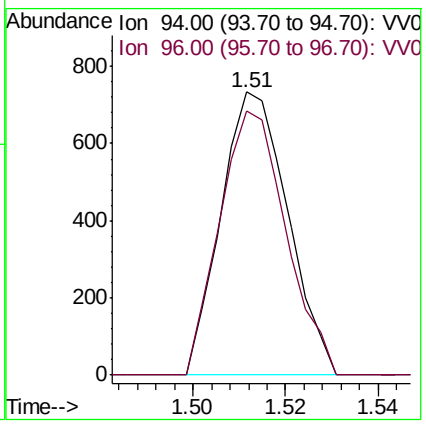


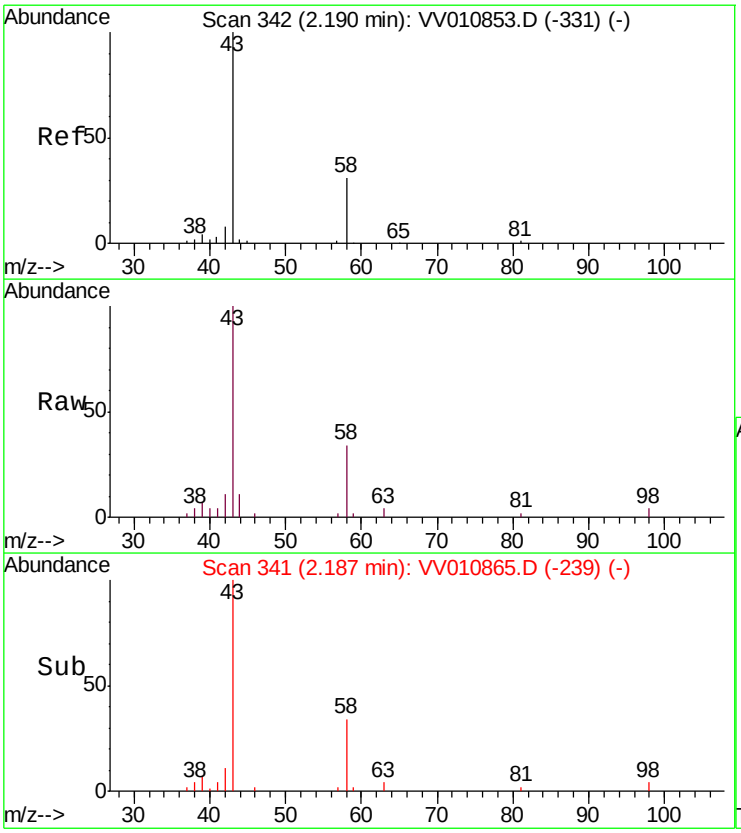
#6
Bromomethane
Concen: 2.314 ug/L
RT: 1.51 min Scan# 131
Delta R.T. 0.00 min
Lab File: VV010865.D
Acq: 14 May 2019 16:33

Instrument :
MSVOA_V
ClientSampleId :
DB865

Tgt Ion: 94 Resp: 735

Ion	Ratio	Lower	Upper
94	100		
96	92.8	9.6	181.6

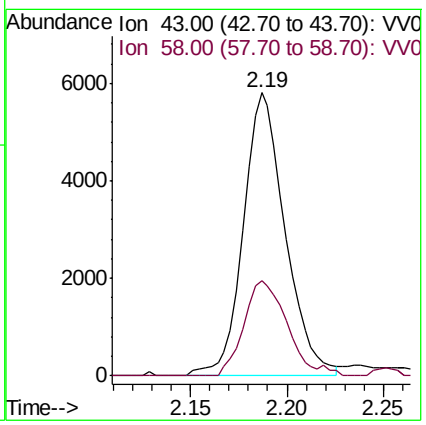


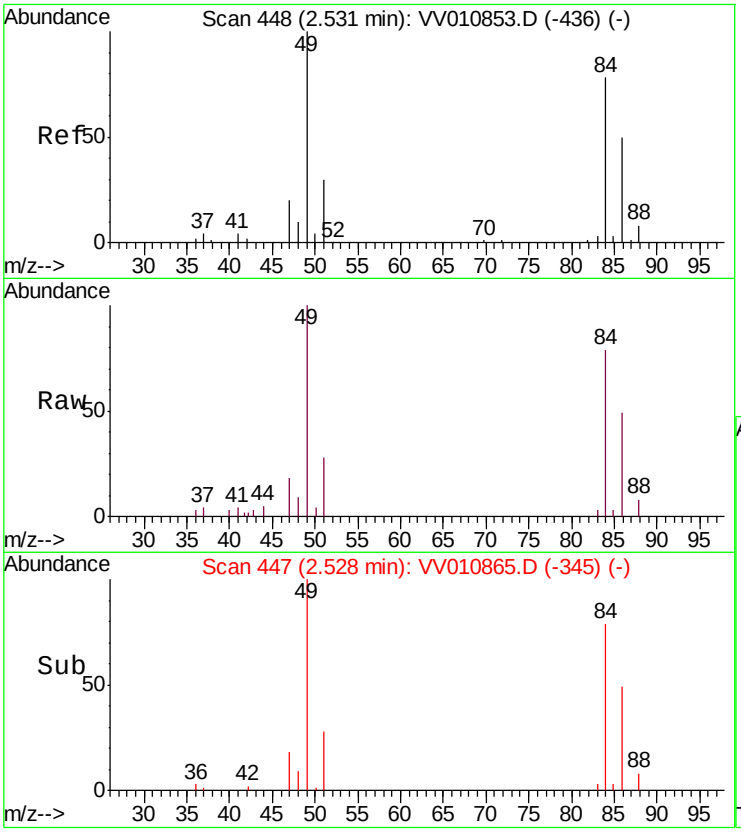


#13
Acetone
Concen: 22.365 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV010865.D
Acq: 14 May 2019 16:33

Tgt Ion: 43 Resp: 8735

Ion	Ratio	Lower	Upper
43	100		
58	33.8	0.0	69.2



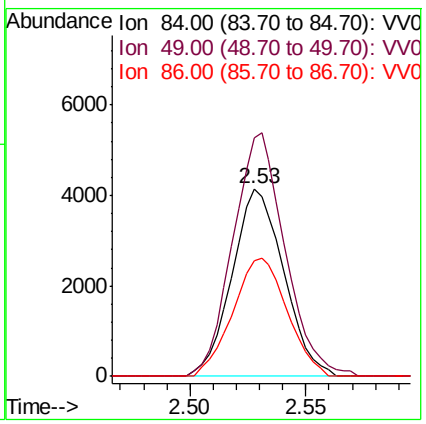


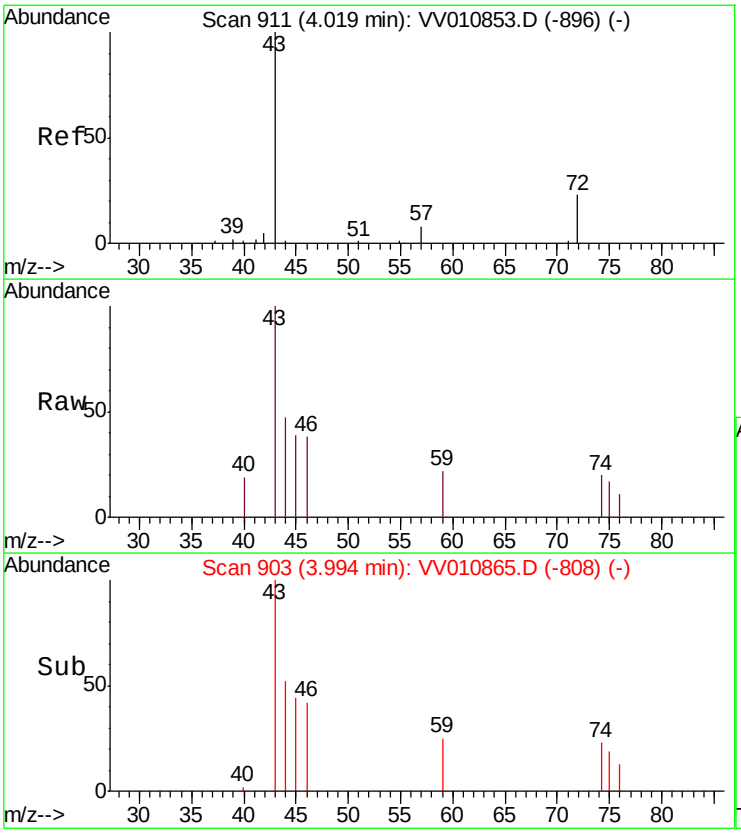
#16
Methylene chloride
Concen: 4.159 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV010865.D
Acq: 14 May 2019 16:33

Instrument :
MSVOA_V
ClientSampleId :
DB865

Tgt Ion: 84 Resp: 6421

Ion	Ratio	Lower	Upper
84	100		
49	126.9	85.8	159.3
86	62.0	45.0	83.6

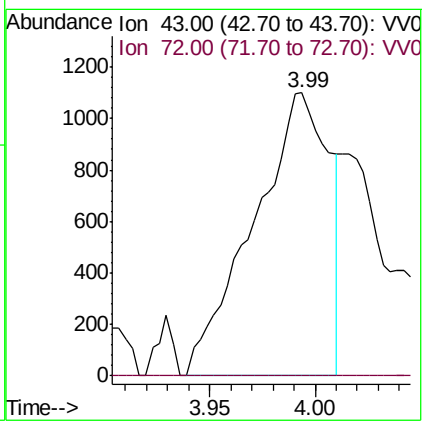


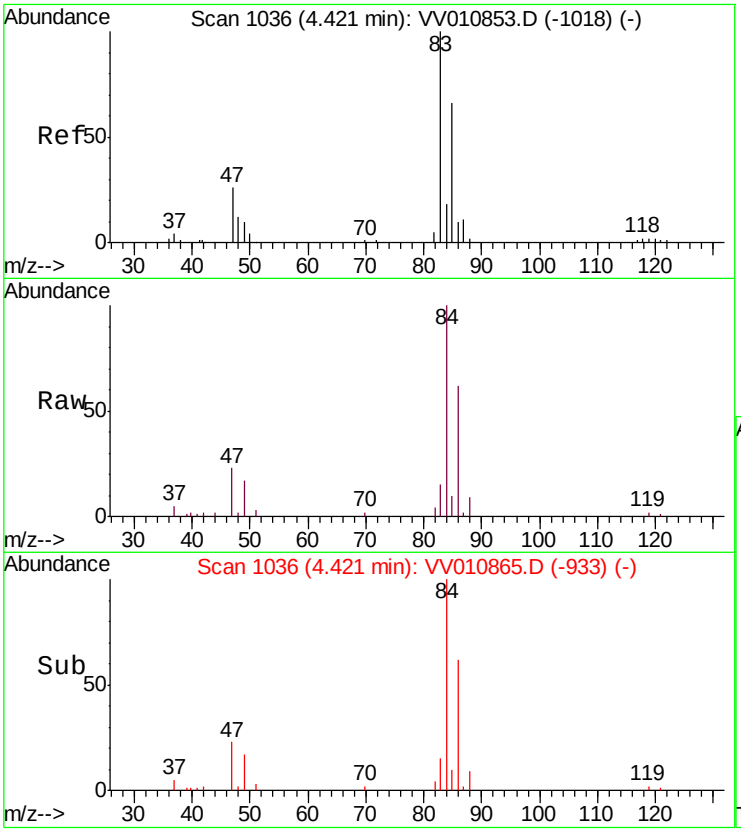


#21
2-Butanone
Concen: 5.427 ug/L
RT: 3.99 min Scan# 903
Delta R.T. -0.03 min
Lab File: VV010865.D
Acq: 14 May 2019 16:33

Tgt Ion: 43 Resp: 2736

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.7	41.1#



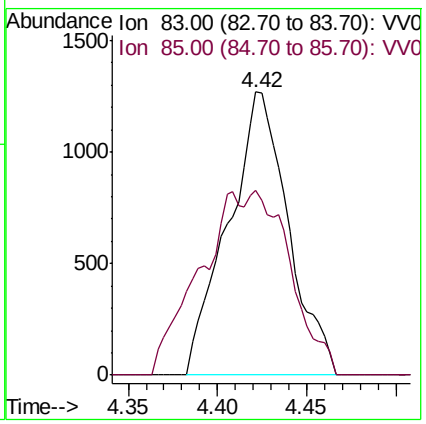


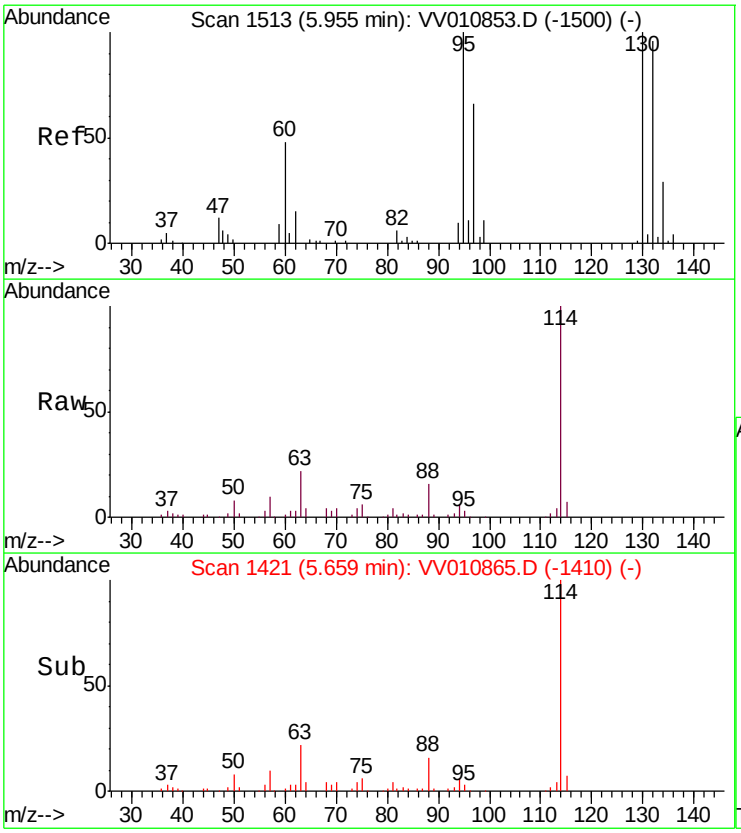
#25
Chloroform
Concen: 1.082 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV010865.D
Acq: 14 May 2019 16:33

Instrument : MSVOA_V
ClientSampleId : DB865

Tgt Ion: 83 Resp: 2983

Ion	Ratio	Lower	Upper
83	100		
85	9.9	45.3	84.1#

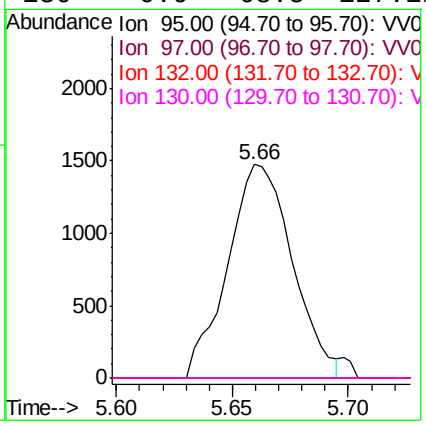


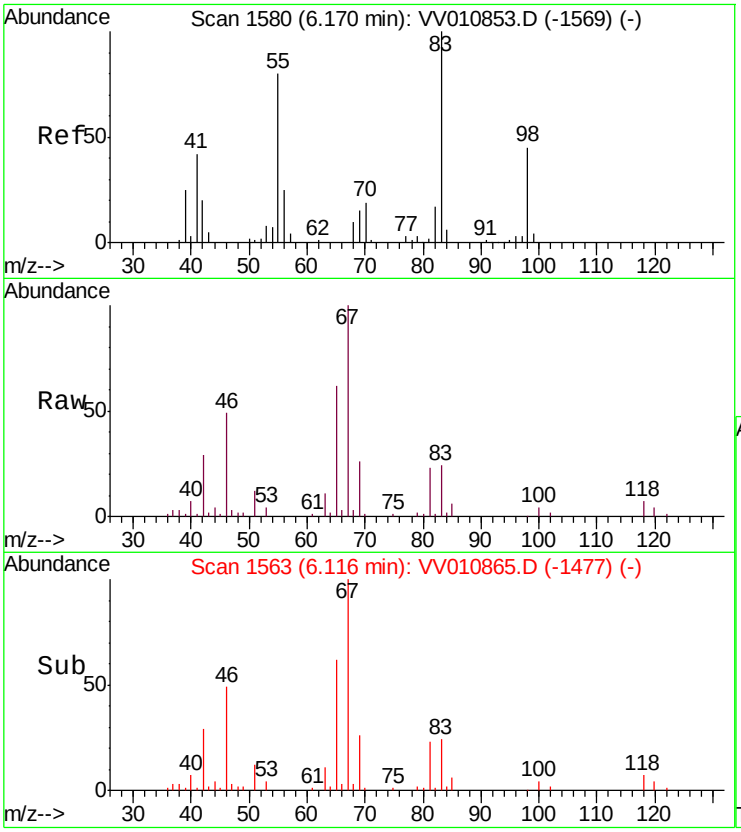


#35
Trichloroethene
Concen: 2.285 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010865.D
Acq: 14 May 2019 16:33

Tgt Ion: 95 Resp: 2865

Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	67.4	125.2#
130	0.0	68.5	127.1#



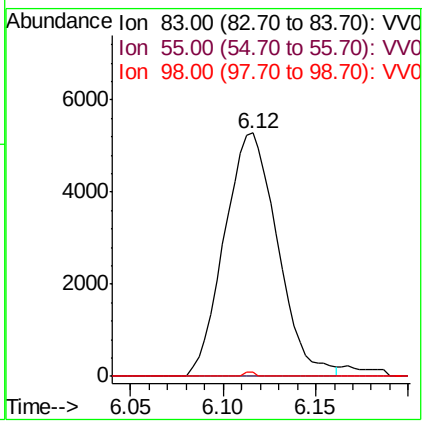


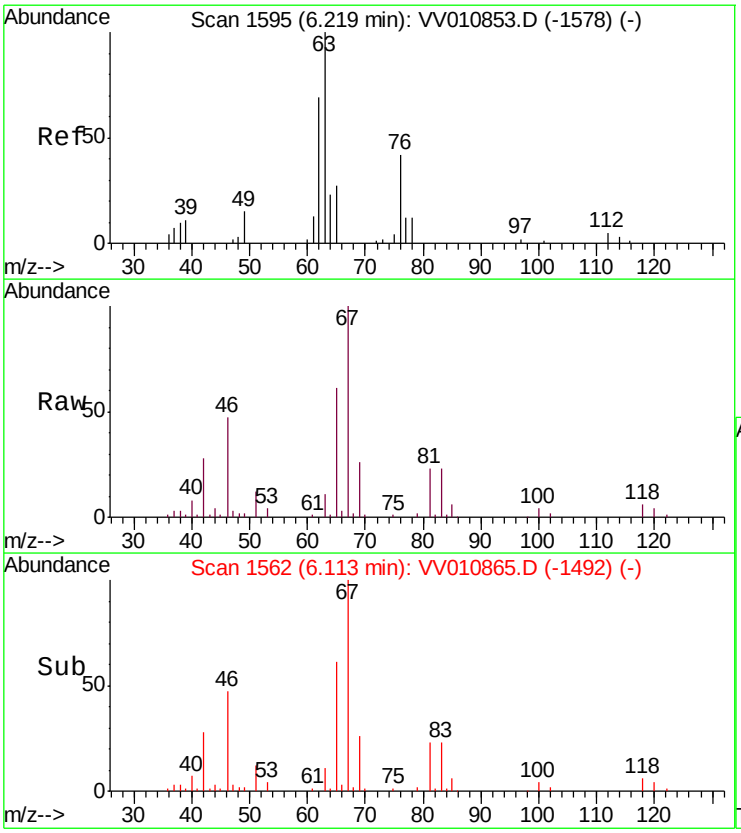
#36
Methylcyclohexane
Concen: 6.032 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV010865.D
Acq: 14 May 2019 16:33

Instrument : MSVOA_V
ClientSampleId : DB865

Tgt Ion: 83 Resp: 10526

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.4#
98	0.4	37.2	55.8#

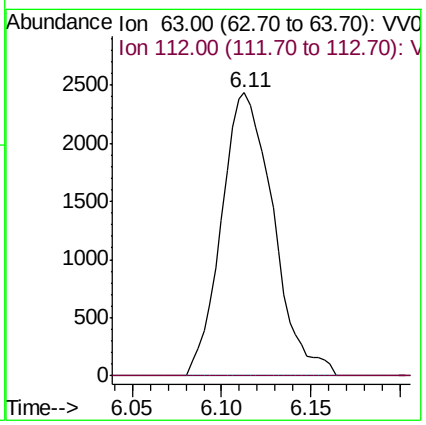


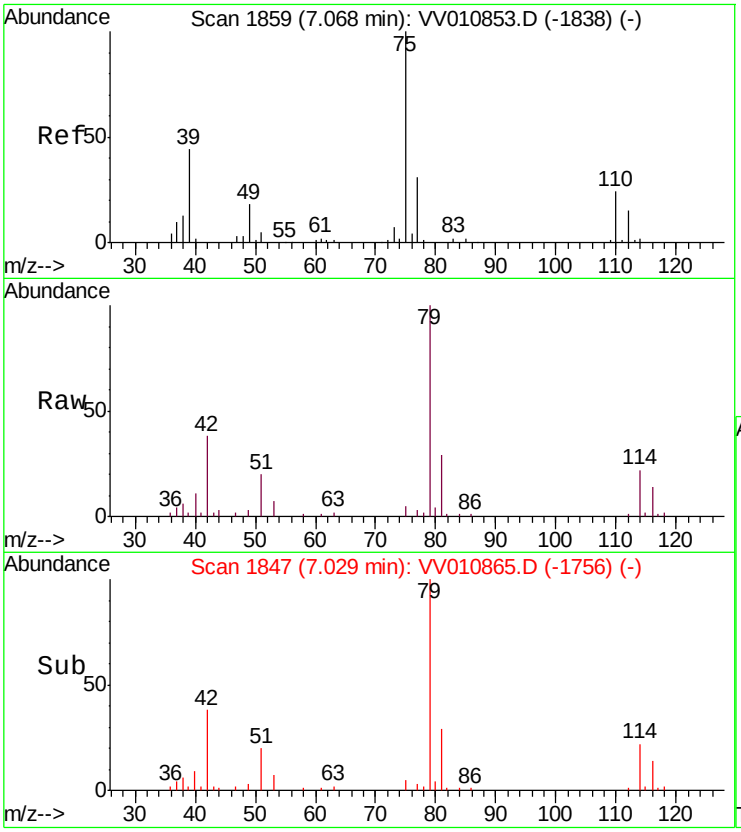


#40
1,2-Dichloropropane
Concen: 3.727 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010865.D
Acq: 14 May 2019 16:33

Tgt Ion: 63 Resp: 4912

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



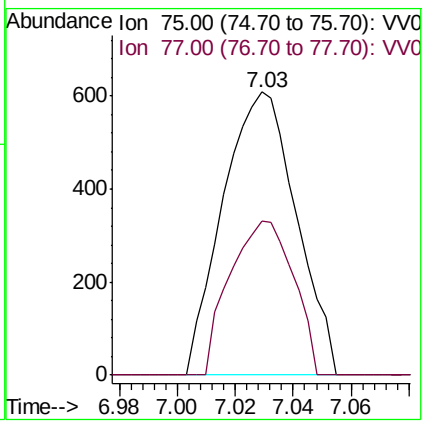


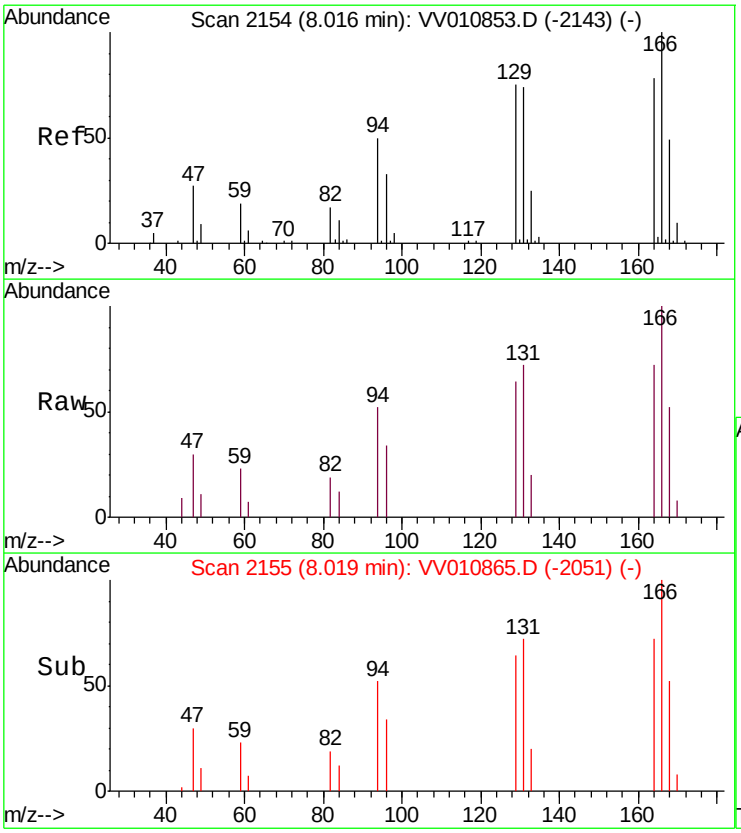
#42
cis-1,3-Dichloropropene
Concen: 0.556 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010865.D
Acq: 14 May 2019 16:33

Instrument : MSVOA_V
ClientSampleId : DB865

Tgt Ion: 75 Resp: 1068

Ion	Ratio	Lower	Upper
75	100		
77	54.4	21.5	39.9#

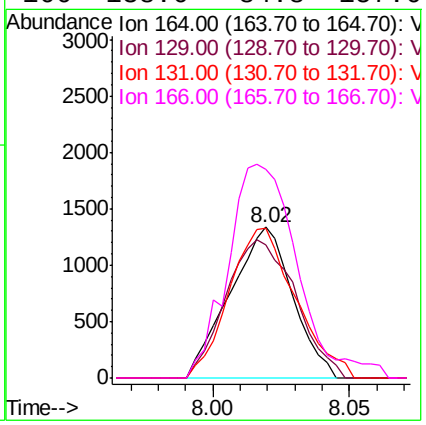


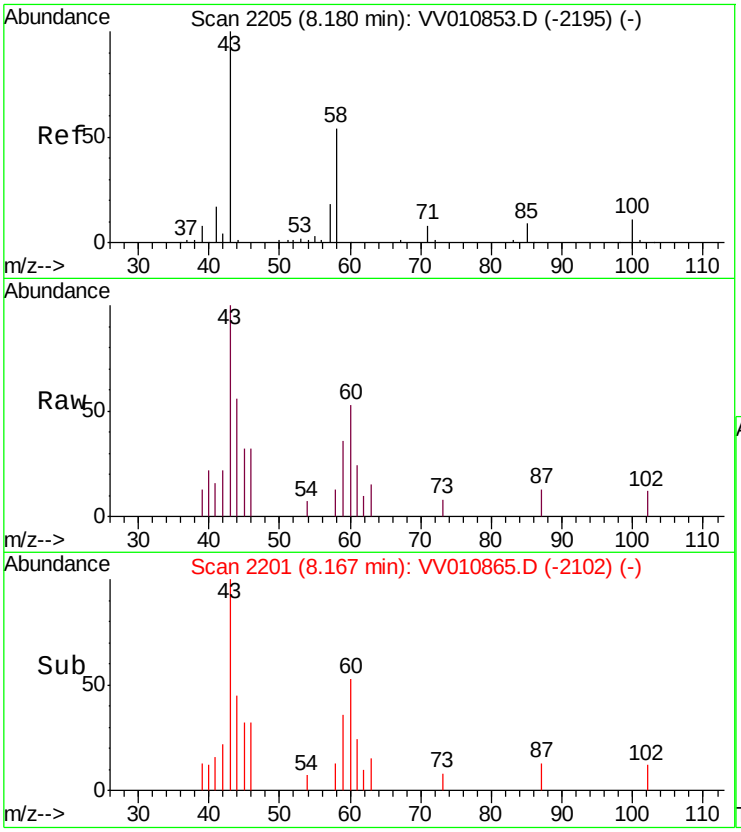


#47
Tetrachloroethene
Concen: 2.298 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010865.D
Acq: 14 May 2019 16:33

Tgt Ion:164 Resp: 2129

Ion	Ratio	Lower	Upper
164	100		
129	88.5	67.6	125.6
131	99.9	65.1	120.9
166	138.6	84.8	157.6



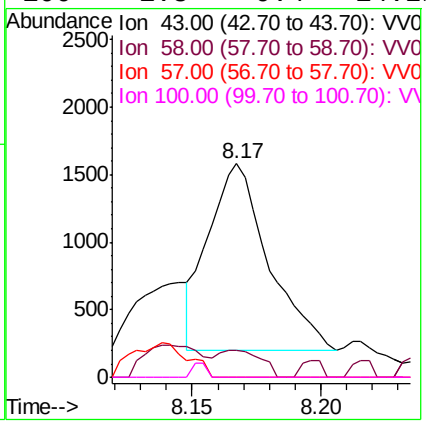


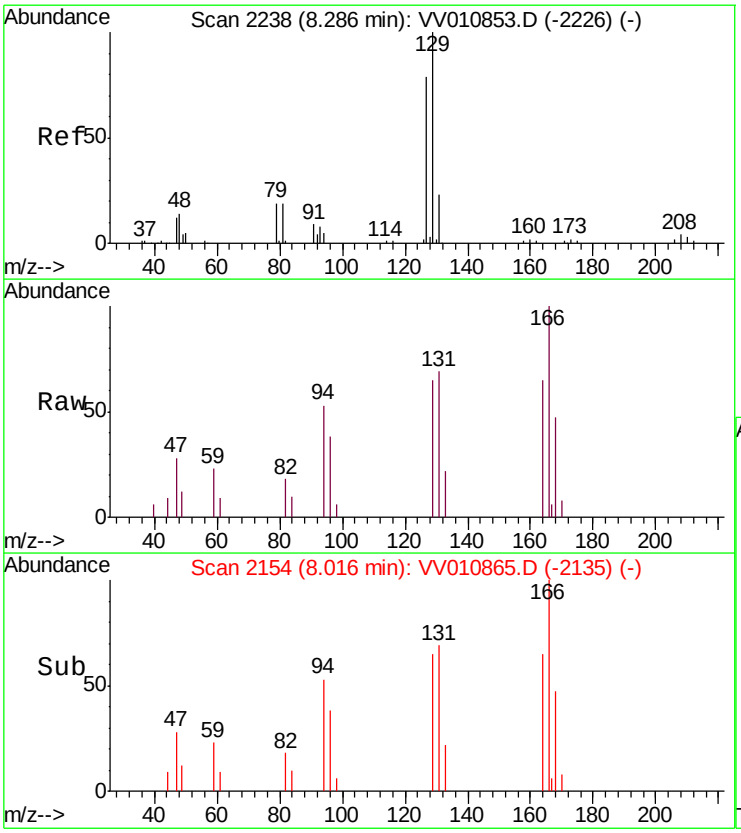
#49
2-Hexanone
Concen: 3.240 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. -0.01 min
Lab File: VV010865.D
Acq: 14 May 2019 16:33

Instrument : MSVOA_V
ClientSampleId : DB865

Tgt Ion: 43 Resp: 2227

Ion	Ratio	Lower	Upper
43	100		
58	10.4	41.0	61.6#
57	2.2	14.3	21.5#
100	1.8	9.4	14.2#

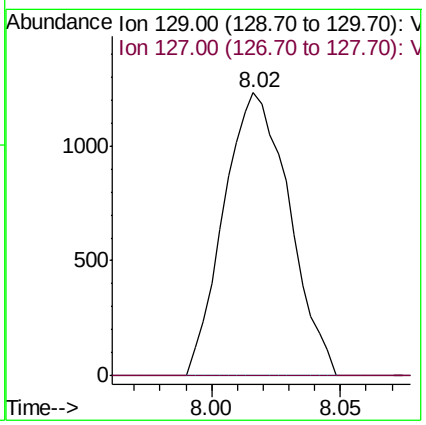


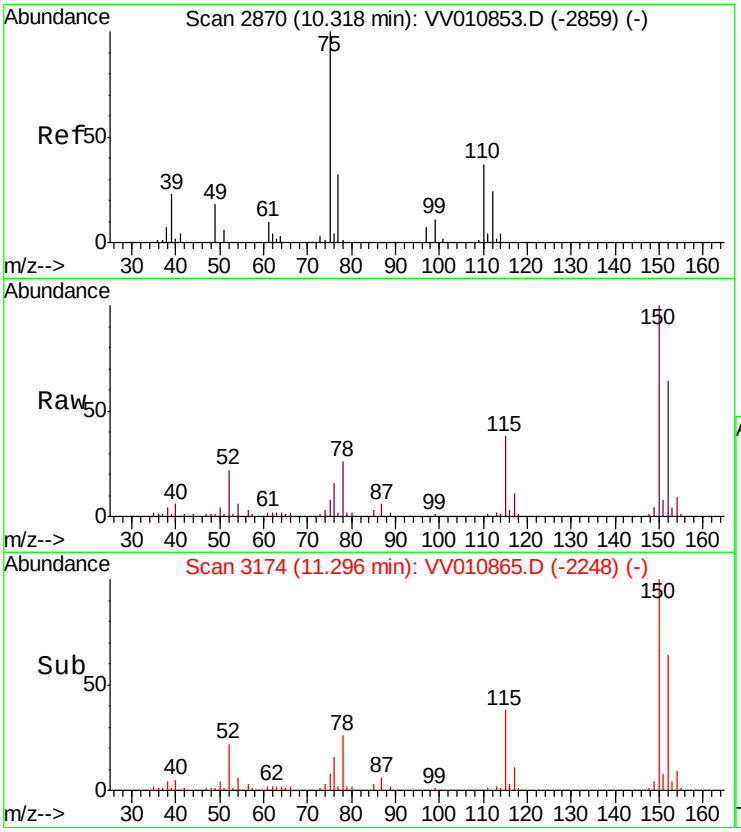


#50
Dibromochloromethane
Concen: 1.842 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV010865.D
Acq: 14 May 2019 16:33

Tgt Ion:129 Resp: 2174

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	100.0#





#59
1,2,3-Trichloropropane
Concen: 2.904 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010865.D
Acq: 14 May 2019 16:33

Instrument :
MSVOA_V
ClientSampleId :
DB865

Tgt Ion: 75 Resp: 2949

Ion	Ratio	Lower	Upper
75	100		
77	36.0	26.4	39.6