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

Quantitation Report (Not Reviewed)

Data File : VV010868.D
Acq On : 14 May 2019 17:56
Operator : SY/MD
Sample : K2737-21
Misc : 4.42G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB869

Quant Time: May 15 06:57:28 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	103832	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	88319	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	24309	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	28920	21.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.44%			
7) Chloroethane-d5	1.57	69	23112	26.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.24%			
10) 1,1-Dichloroethene-d2	2.12	63	41313	16.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.00%			
20) 2-Butanone-d5	3.94	46	6464	15.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 31.06%			
24) Chloroform-d	4.40	84	67776	22.61	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.44%			
26) 1,2-Dichloroethane-d4	5.08	65	43054	25.26	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.04%			
29) Benzene-d6	5.10	84	139466	28.53	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.12%			
33) 1,2-Dichloropropane-d6	6.12	67	48165	30.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 123.52%#			
37) Toluene-d8	7.36	98	116035	24.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.80%			
38) trans-1,3-Dichloropropene-	7.66	79	12046	17.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 70.84%			
39) 2-Hexanone-d5	8.14	63	4089	13.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 27.68%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	30307	20.95	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.80%			
61) 1,2-Dichlorobenzene-d4	11.67	152	21985	21.65	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.60%			
Target Compounds						Qvalue
6) Bromomethane	1.52	94	641	1.859	ug/L	89
8) Chloroethane	1.54	64	1089	1.418	ug/L #	55
13) Acetone	2.19	43	2612	6.162	ug/L	92
15) Methyl Acetate	2.46	43	1465	1.659	ug/L #	86
16) Methylene chloride	2.53	84	4021	2.400	ug/L	85
21) 2-Butanone	3.99	43	2449	4.476	ug/L #	47
25) Chloroform	4.42	83	8432	2.817	ug/L	87
35) Trichloroethene	5.66	95	3117	2.336	ug/L #	5
40) 1,2-Dichloropropane	6.12	63	5417	3.864	ug/L #	88
47) Tetrachloroethene	8.02	164	5531	5.611	ug/L	93
49) 2-Hexanone	8.17	43	6716	9.184	ug/L #	42
50) Dibromochloromethane	8.02	129	5534	4.406	ug/L #	11
59) 1,2,3-Trichloropropane	11.29	75	3386	3.134	ug/L #	1

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

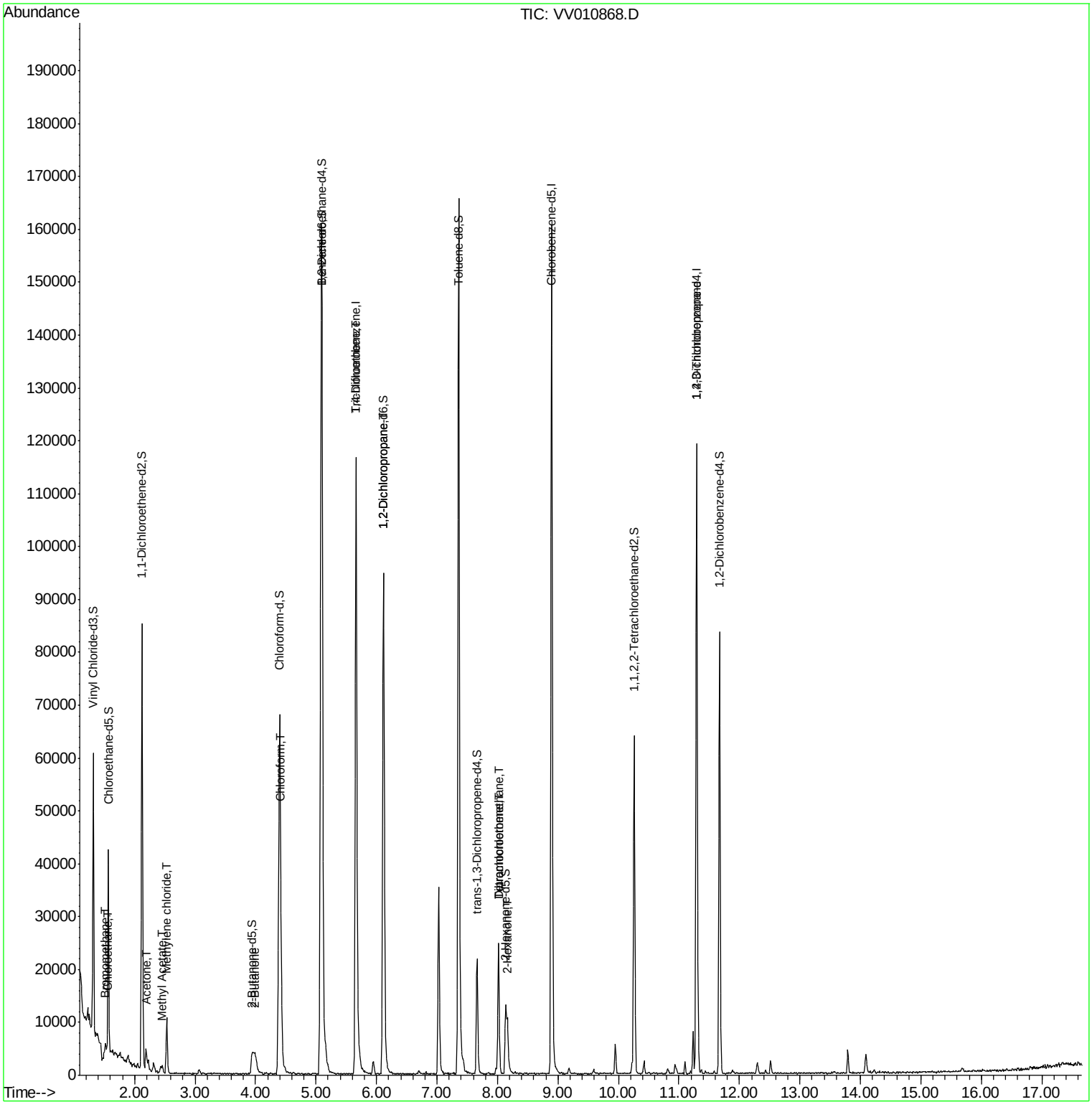
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

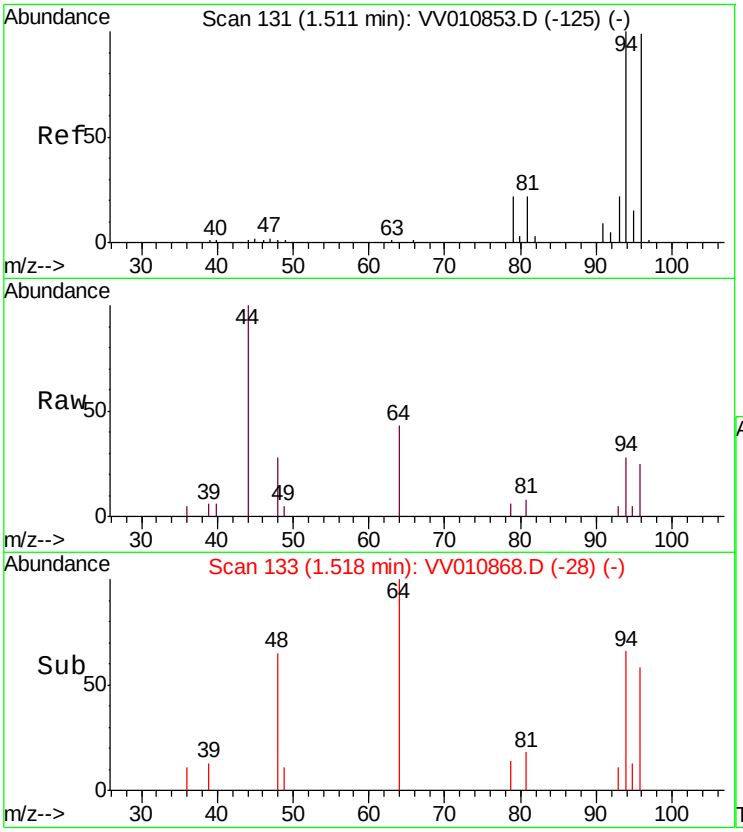
Quantitation Report (Not Reviewed)

Data File : VV010868.D
Acq On : 14 May 2019 17:56
Operator : SY/MD
Sample : K2737-21
Misc : 4.42G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB869

Quant Time: May 15 06:57:28 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



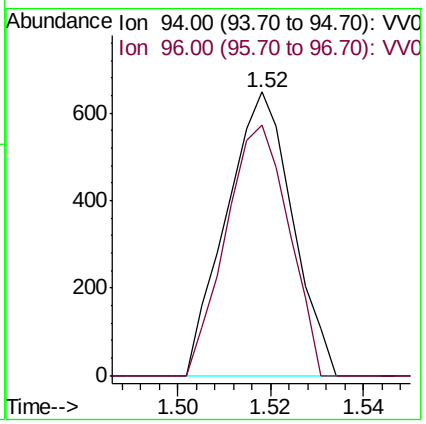


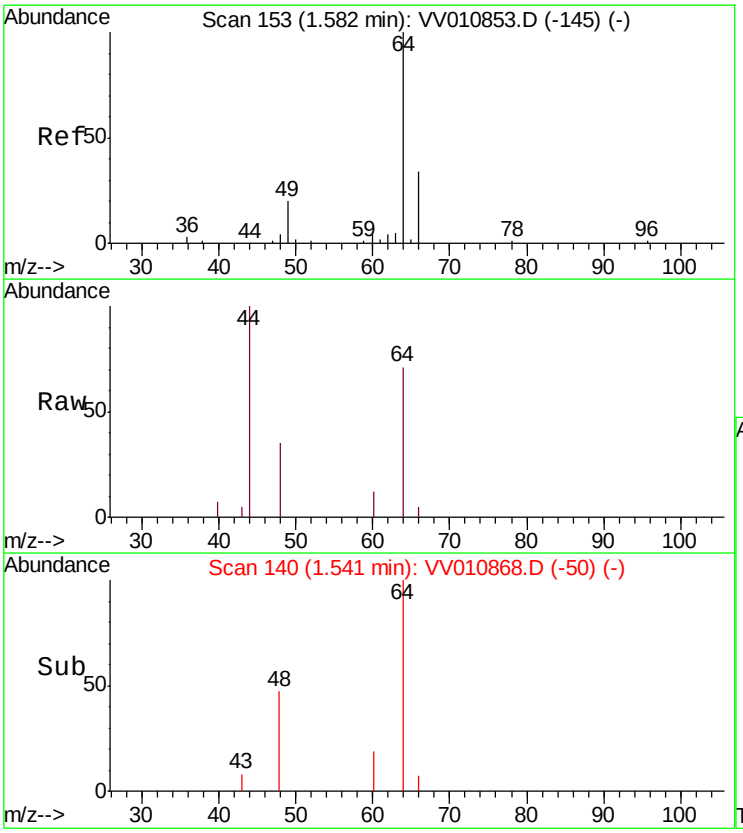
#6
Bromomethane
Concen: 1.859 ug/L
RT: 1.52 min Scan# 133
Delta R.T. 0.01 min
Lab File: VV010868.D
Acq: 14 May 2019 17:56

Instrument :
MSVOA_V
ClientSampleId :
DB869

Tgt Ion: 94 Resp: 641

Ion	Ratio	Lower	Upper
94	100		
96	84.4	9.6	181.6

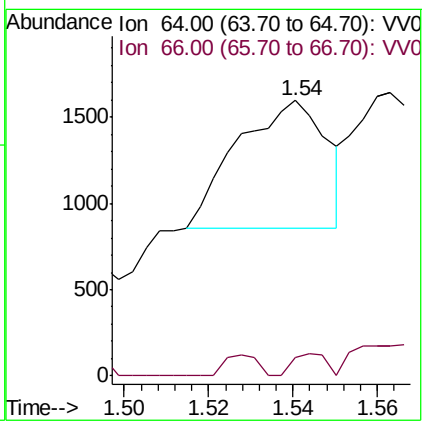


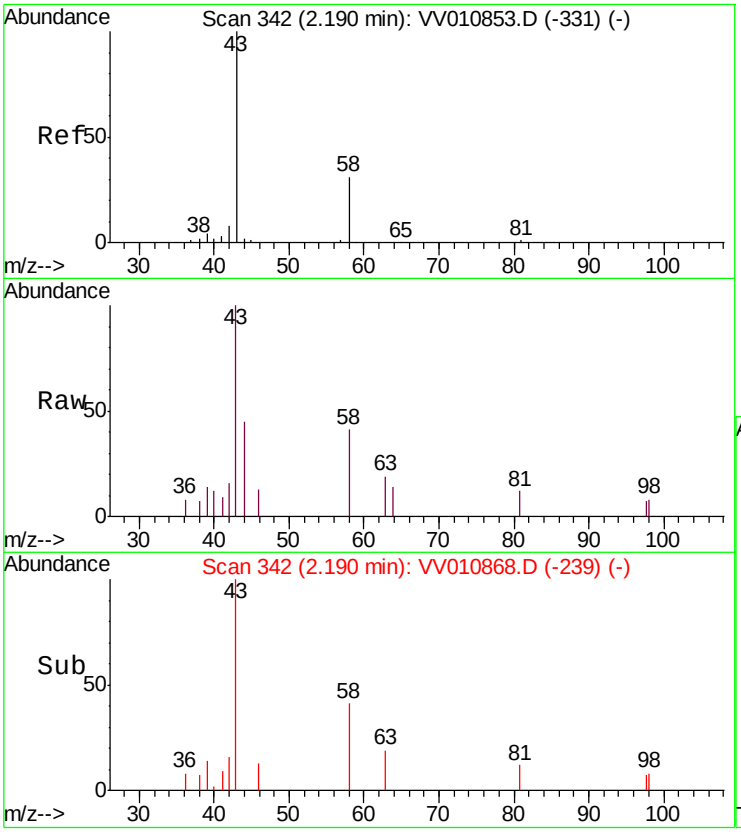


#8
Chloroethane
Concen: 1.418 ug/L
RT: 1.54 min Scan# 140
Delta R.T. -0.04 min
Lab File: VV010868.D
Acq: 14 May 2019 17:56

Tgt Ion: 64 Resp: 1089

Ion	Ratio	Lower	Upper
64	100		
66	6.8	22.5	41.9#



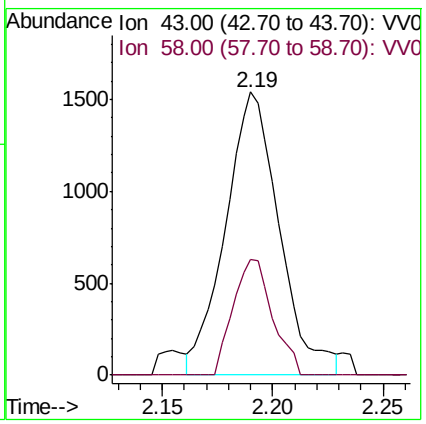


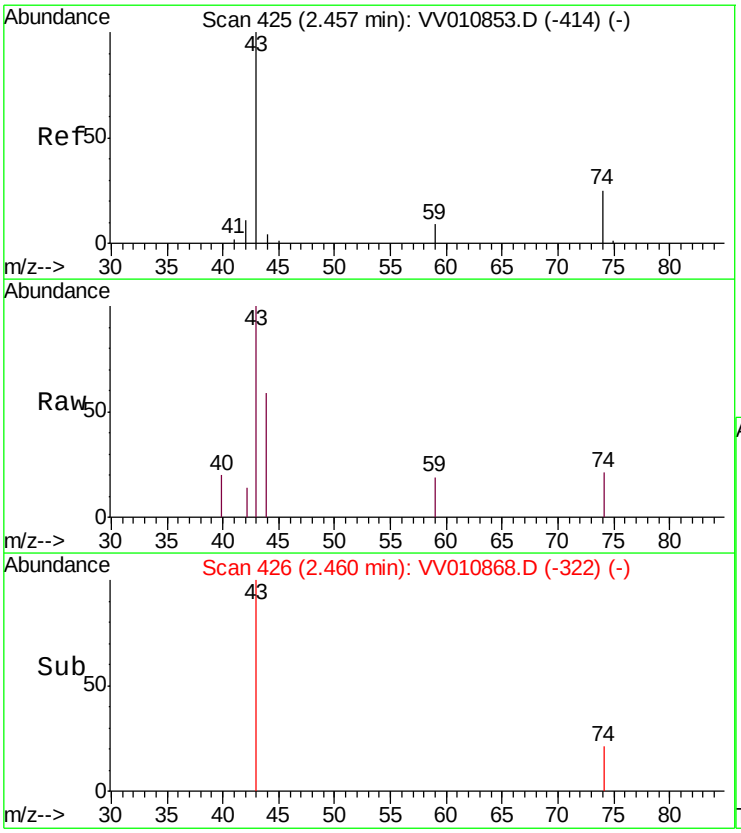
#13
Acetone
Concen: 6.162 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010868.D
Acq: 14 May 2019 17:56

Instrument :
MSVOA_V
ClientSampleId :
DB869

Tgt Ion: 43 Resp: 2612

Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	69.2

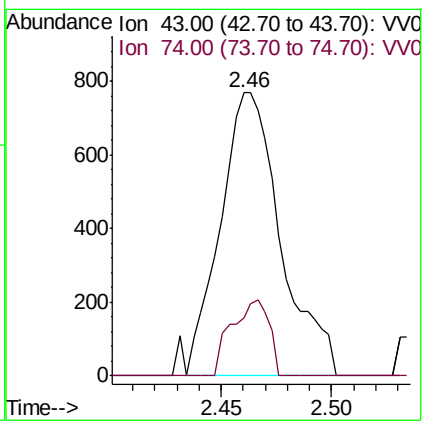


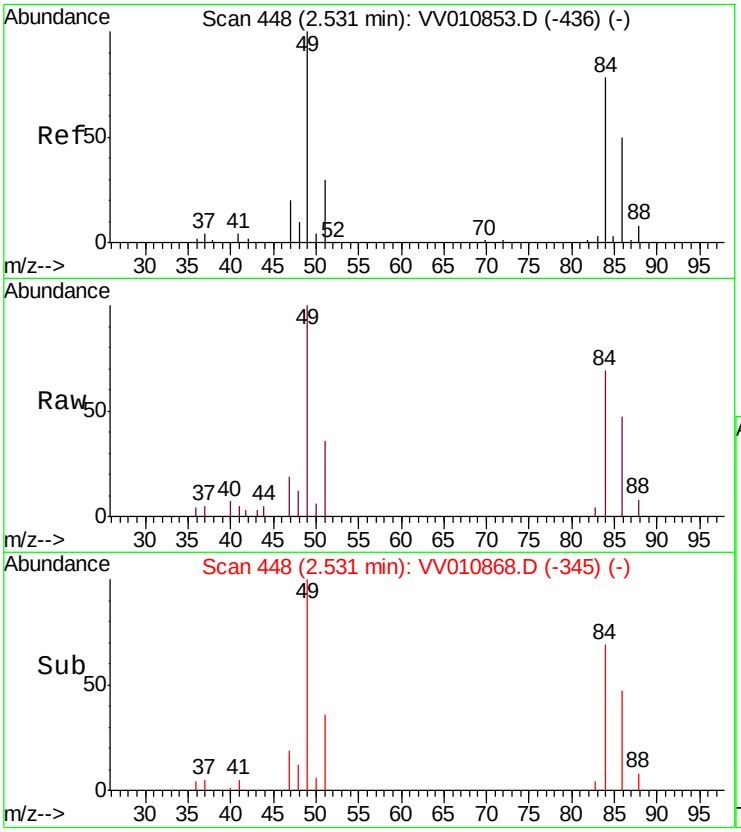


#15
Methyl Acetate
Concen: 1.659 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: VV010868.D
Acq: 14 May 2019 17:56

Tgt Ion: 43 Resp: 1465

Ion	Ratio	Lower	Upper
43	100		
74	16.5	18.6	27.8#



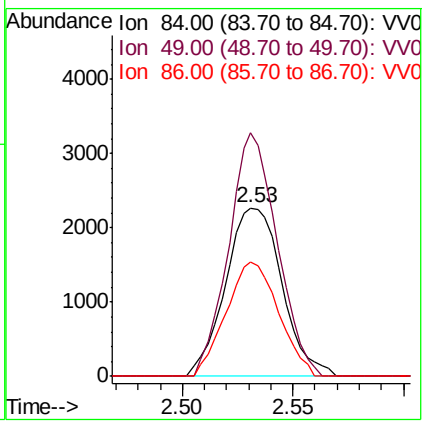


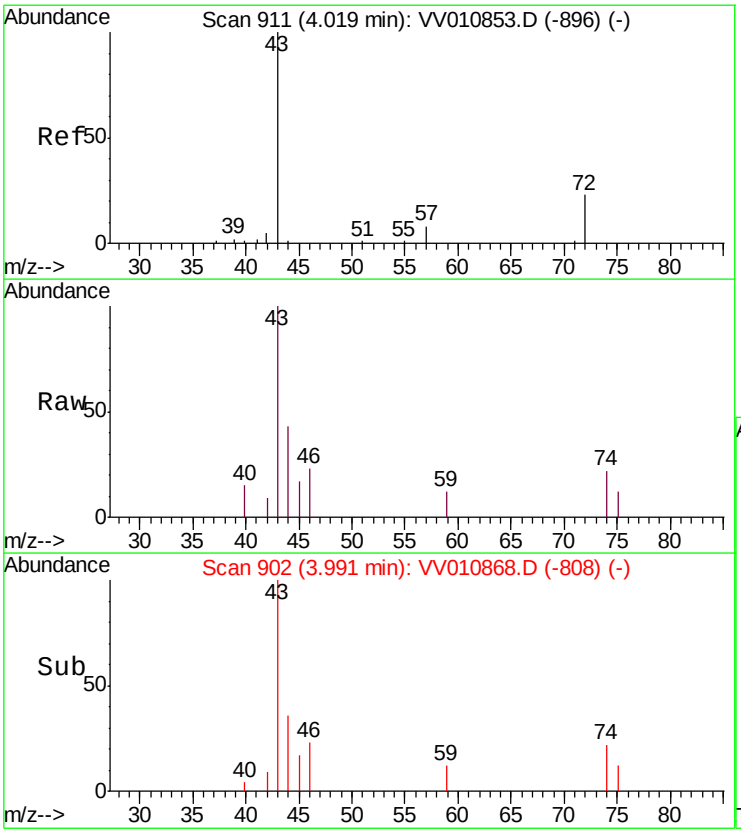
#16
Methylene chloride
Concen: 2.400 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV010868.D
Acq: 14 May 2019 17:56

Instrument :
MSVOA_V
ClientSampleId :
DB869

Tgt Ion: 84 Resp: 4021

Ion	Ratio	Lower	Upper
84	100		
49	144.8	85.8	159.3
86	68.3	45.0	83.6

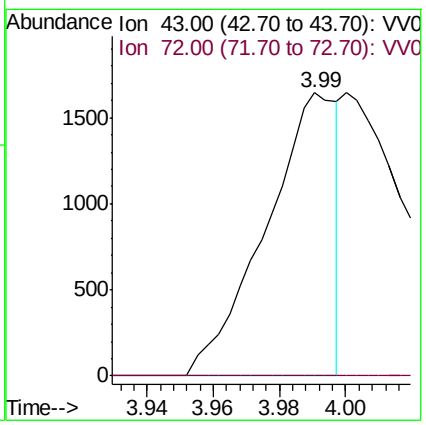


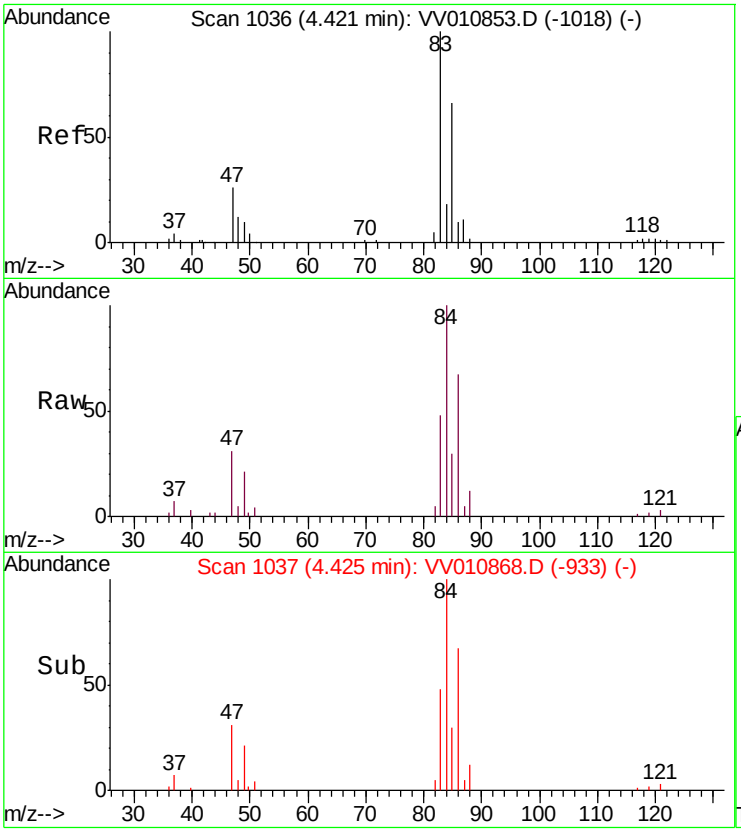


#21
2-Butanone
Concen: 4.476 ug/L
RT: 3.99 min Scan# 902
Delta R.T. -0.03 min
Lab File: VV010868.D
Acq: 14 May 2019 17:56

Tgt Ion: 43 Resp: 2449

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.7	41.1#



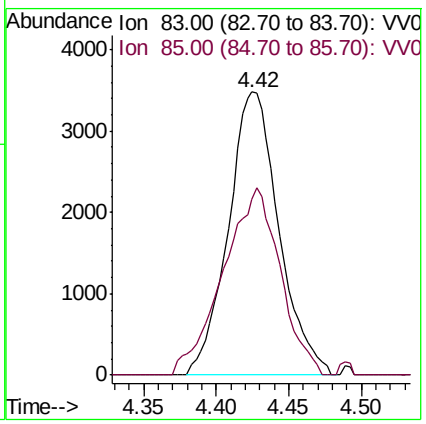


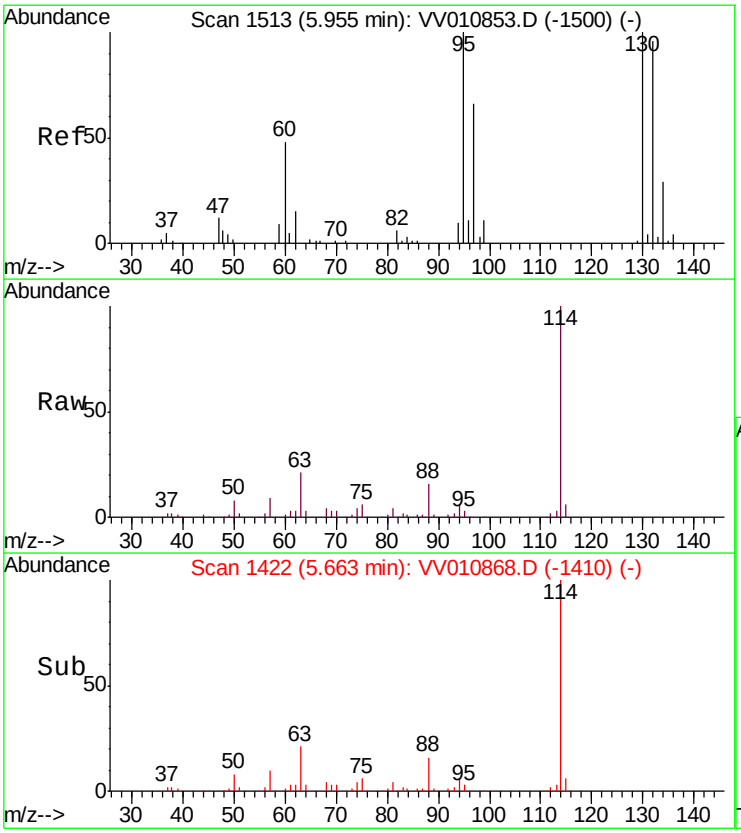
#25
Chloroform
Concen: 2.817 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010868.D
Acq: 14 May 2019 17:56

Instrument :
MSVOA_V
ClientSampleId :
DB869

Tgt Ion: 83 Resp: 8432

Ion	Ratio	Lower	Upper
83	100		
85	74.6	45.3	84.1

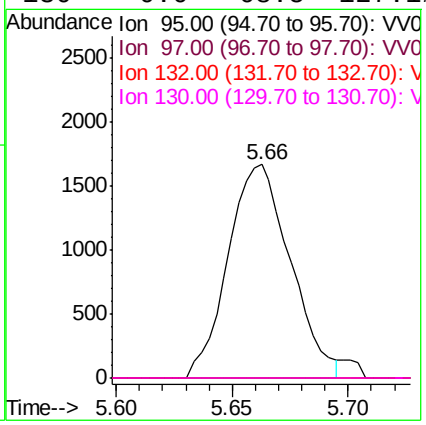


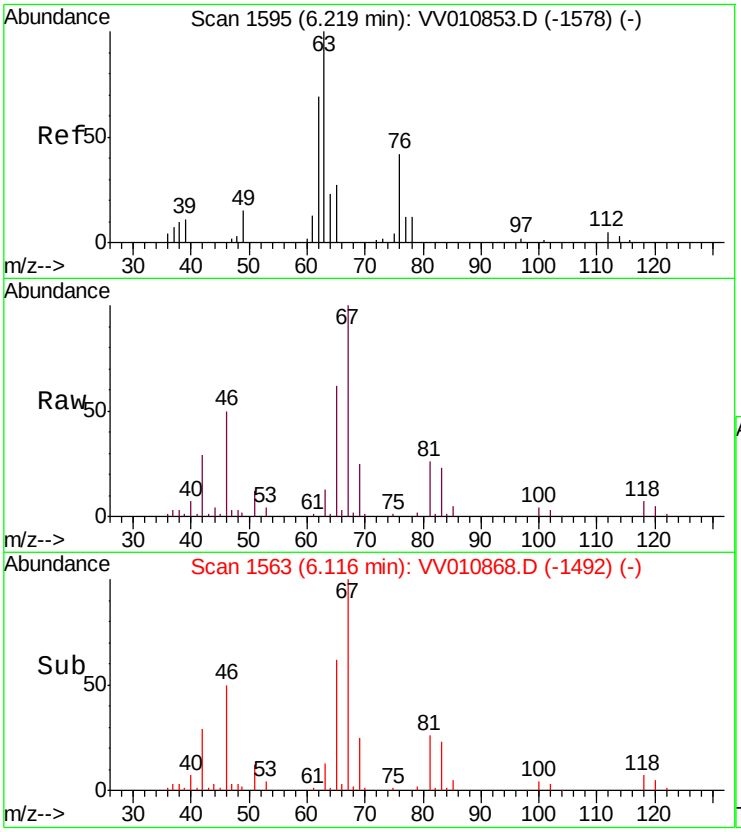


#35
Trichloroethene
Concen: 2.336 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV010868.D
Acq: 14 May 2019 17:56

Tgt Ion: 95 Resp: 3117

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#



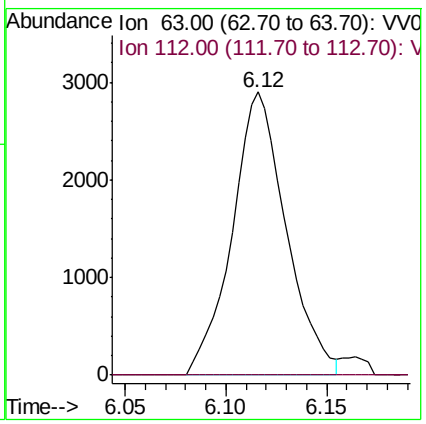


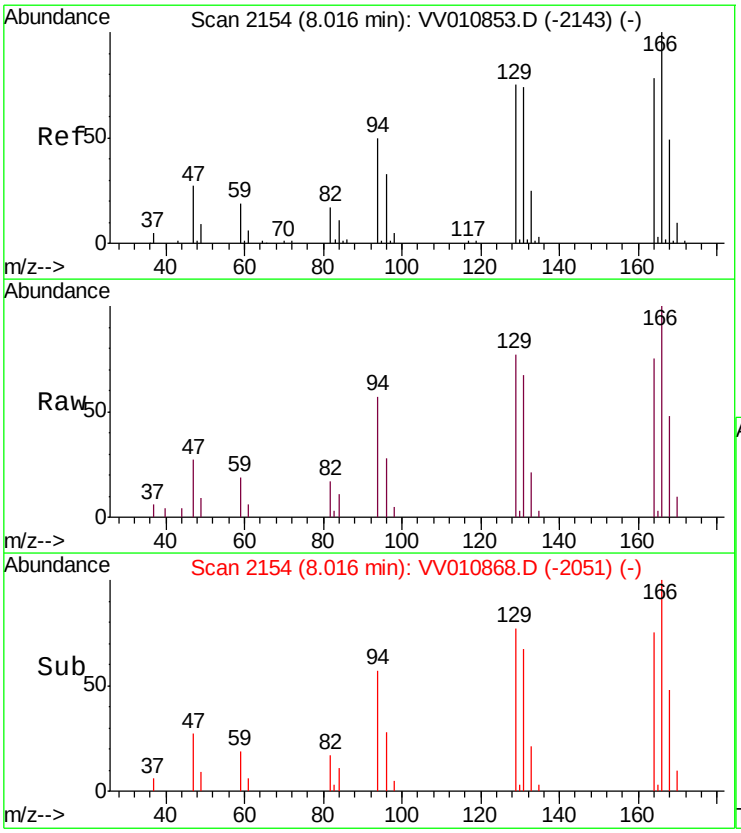
#40
1,2-Dichloropropane
Concen: 3.864 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010868.D
Acq: 14 May 2019 17:56

Instrument : MSVOA_V
ClientSampleId : DB869

Tgt Ion: 63 Resp: 5417

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

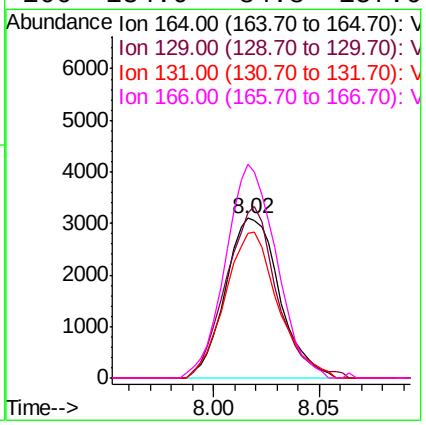


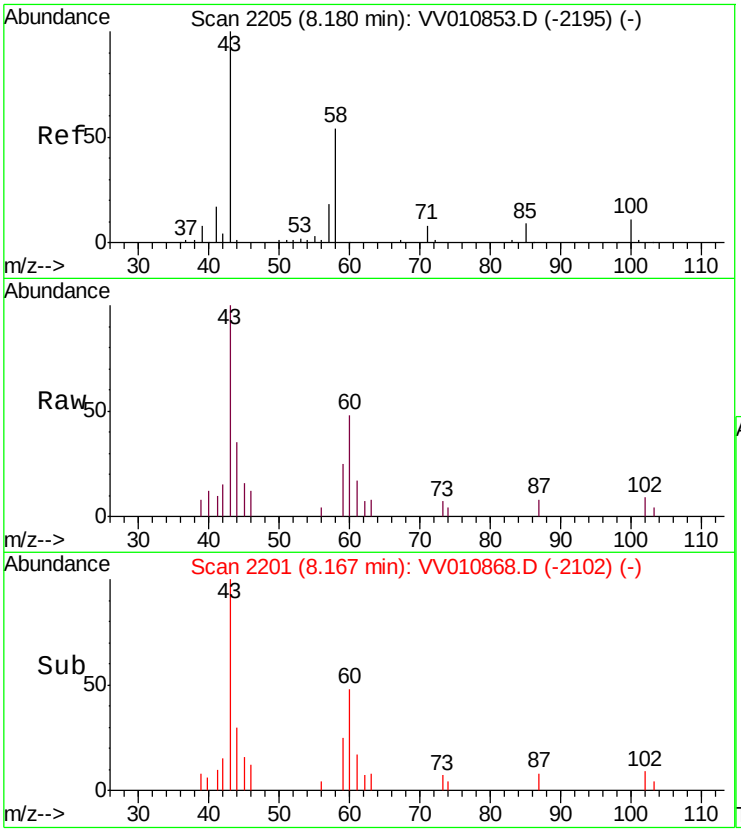


#47
Tetrachloroethene
Concen: 5.611 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV010868.D
Acq: 14 May 2019 17:56

Tgt Ion:164 Resp: 5531

Ion	Ratio	Lower	Upper
164	100		
129	103.2	67.6	125.6
131	90.4	65.1	120.9
166	134.0	84.8	157.6



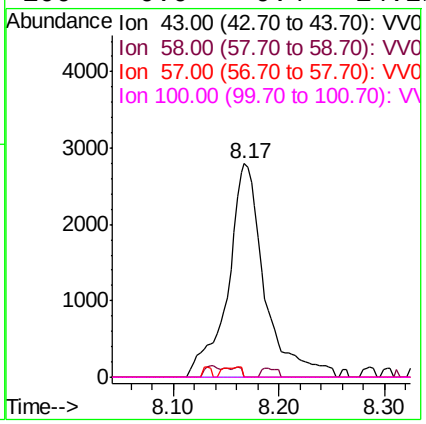


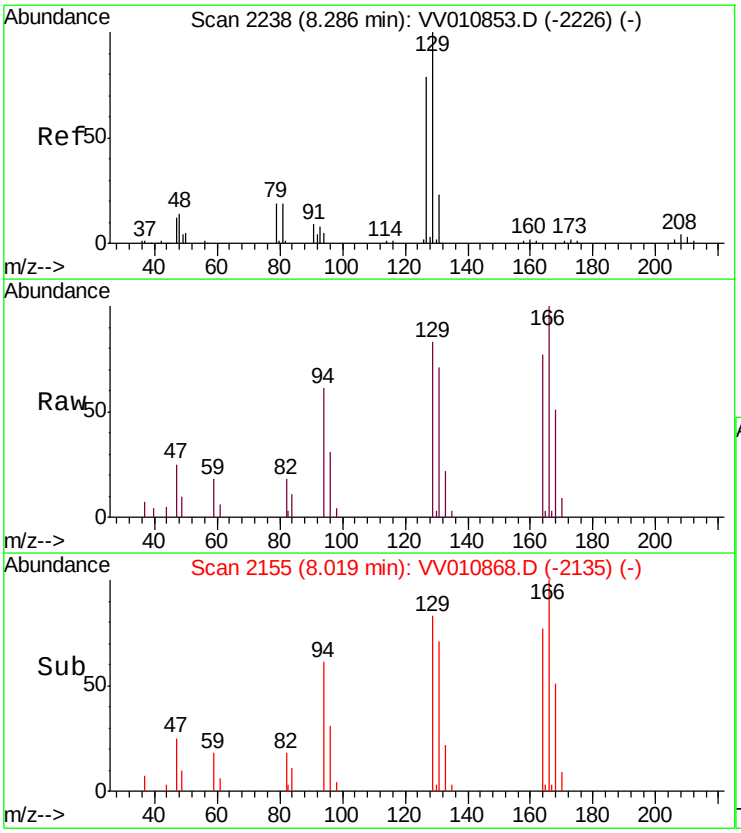
#49
2-Hexanone
Concen: 9.184 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. -0.01 min
Lab File: VV010868.D
Acq: 14 May 2019 17:56

Instrument : MSVOA_V
ClientSampleId : DB869

Tgt Ion: 43 Resp: 6716

Ion	Ratio	Lower	Upper
43	100		
58	1.0	41.0	61.6#
57	1.1	14.3	21.5#
100	0.0	9.4	14.2#

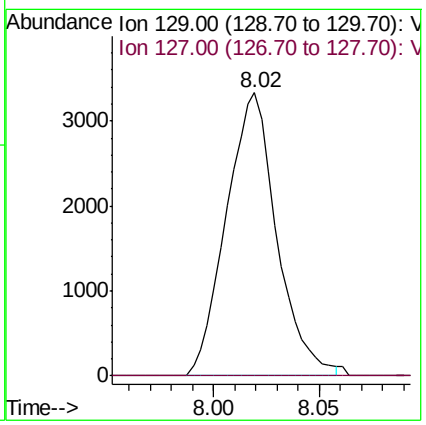


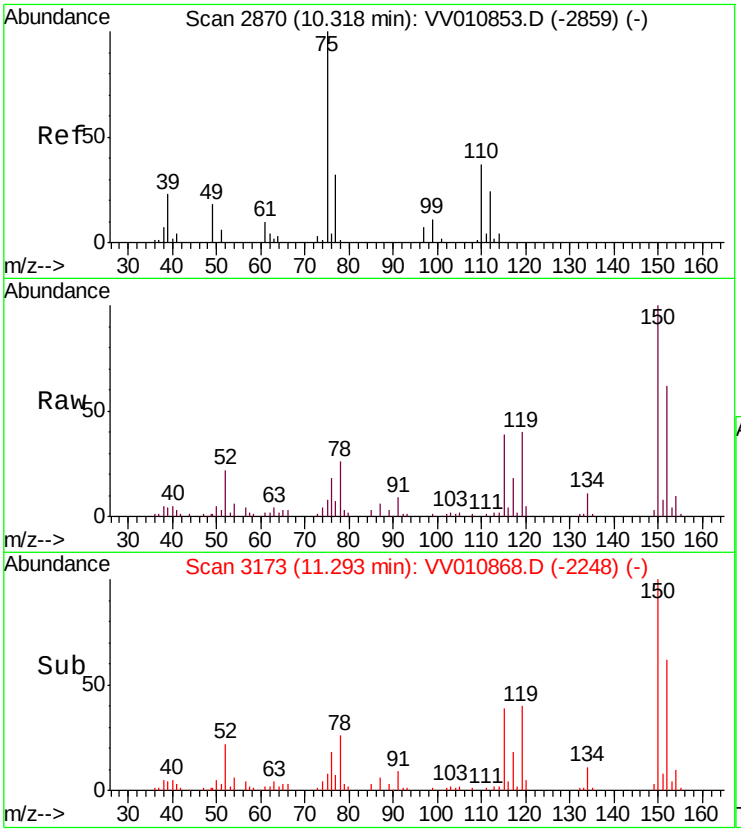


#50
Dibromochloromethane
Concen: 4.406 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV010868.D
Acq: 14 May 2019 17:56

Tgt Ion:129 Resp: 5534

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	100.0#





#59
1,2,3-Trichloropropane
Concen: 3.134 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010868.D
Acq: 14 May 2019 17:56

Instrument :
MSVOA_V
ClientSampleId :
DB869

Tgt Ion: 75 Resp: 3386

Ion	Ratio	Lower	Upper
75	100		
77	94.9	26.4	39.6#