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

Quantitation Report (Not Reviewed)

Data File : VV010857.D
Acq On : 14 May 2019 12:52
Operator : SY/MD
Sample : K2737-14
Misc : 4.71G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB862

Quant Time: May 15 06:55:42 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	36771	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	44592	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	17242	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	3454	7.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 29.48%#			
7) Chloroethane-d5	1.57	69	4487	14.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.80%			
10) 1,1-Dichloroethene-d2	2.12	63	6415	7.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 28.96%#			
20) 2-Butanone-d5	3.94	46	6114	41.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.96%			
24) Chloroform-d	4.40	84	27339	25.75	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.08	65	21123	35.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 140.00%#			
29) Benzene-d6	5.10	84	45228	18.32	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 73.28%			
33) 1,2-Dichloropropane-d6	6.12	67	20978	26.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.56%			
37) Toluene-d8	7.36	98	36993	15.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 62.40%			
38) trans-1,3-Dichloropropene-	7.66	79	6658	19.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.52%			
39) 2-Hexanone-d5	8.13	63	4203	28.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 56.34%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	18892	25.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.48%			
61) 1,2-Dichlorobenzene-d4	11.67	152	17287	24.00	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	610	1.249	ug/L	97
6) Bromomethane	1.52	94	609	4.988	ug/L	93
8) Chloroethane	1.49	64	1519	5.583	ug/L #	42
13) Acetone	2.18	43	1227	8.173	ug/L	66
15) Methyl Acetate	2.46	43	374	1.196	ug/L #	52
16) Methylene chloride	2.53	84	1688	2.845	ug/L	90
21) 2-Butanone	3.99	43	817	4.216	ug/L #	47
25) Chloroform	4.43	83	1184	1.117	ug/L	91
35) Trichloroethene	5.66	95	868	1.289	ug/L #	5
36) Methylcyclohexane	6.11	83	4870	5.195	ug/L #	23
40) 1,2-Dichloropropane	6.12	63	2295	3.242	ug/L #	88
47) Tetrachloroethene	8.02	164	304	0.611	ug/L	93
49) 2-Hexanone	8.17	43	2084	5.644	ug/L #	49
59) 1,2,3-Trichloropropane	11.29	75	2186	4.007	ug/L	95

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

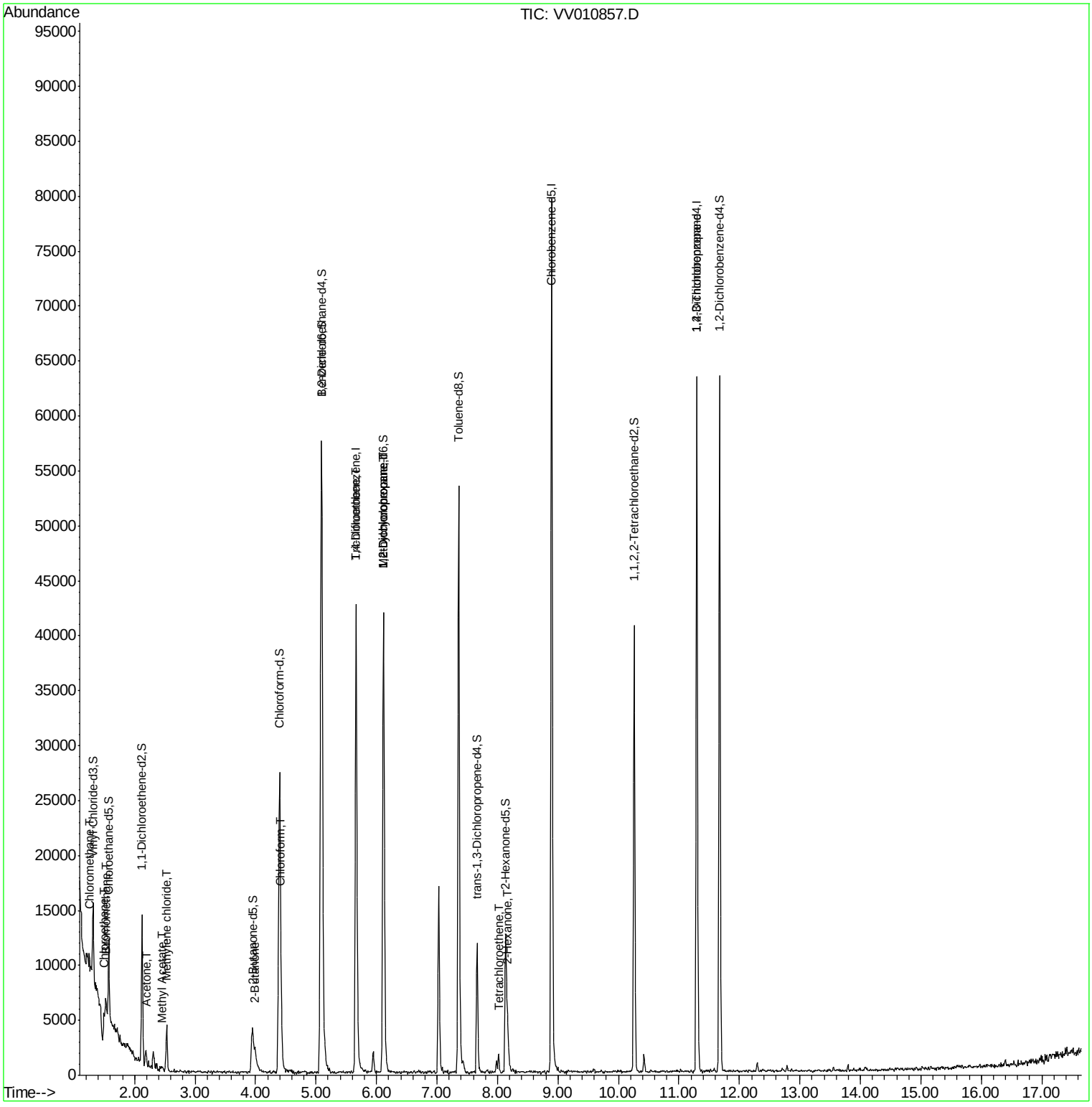
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

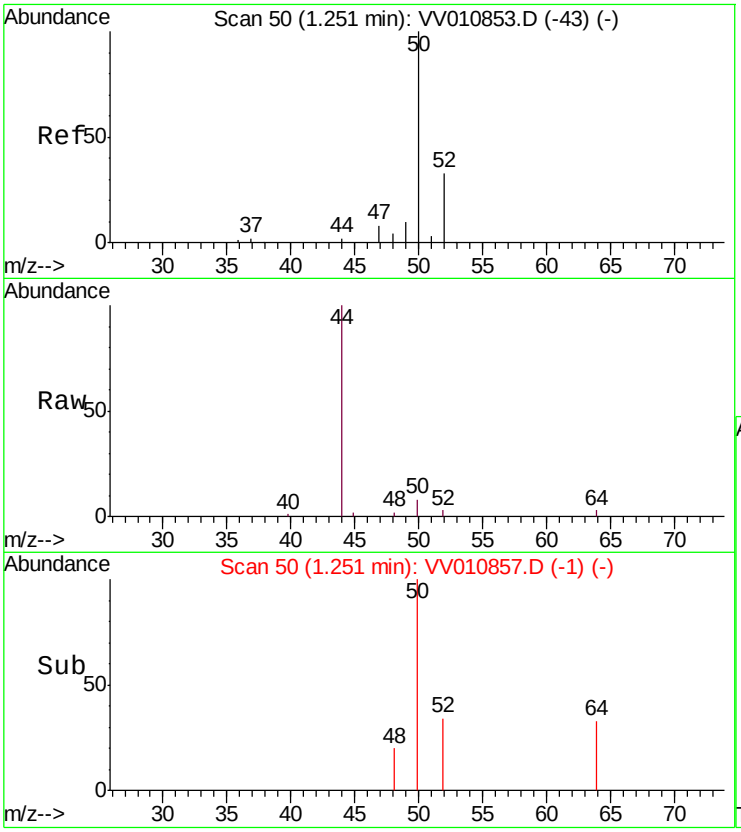
Quantitation Report (Not Reviewed)

Data File : VV010857.D
Acq On : 14 May 2019 12:52
Operator : SY/MD
Sample : K2737-14
Misc : 4.71G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB862

Quant Time: May 15 06:55:42 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



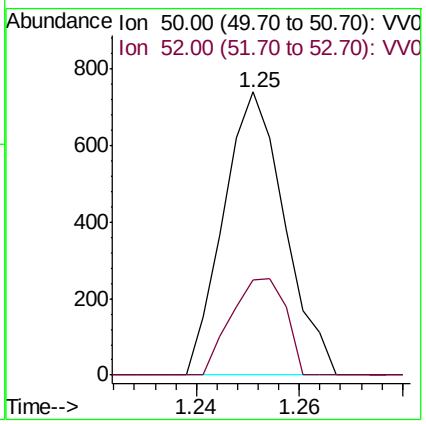


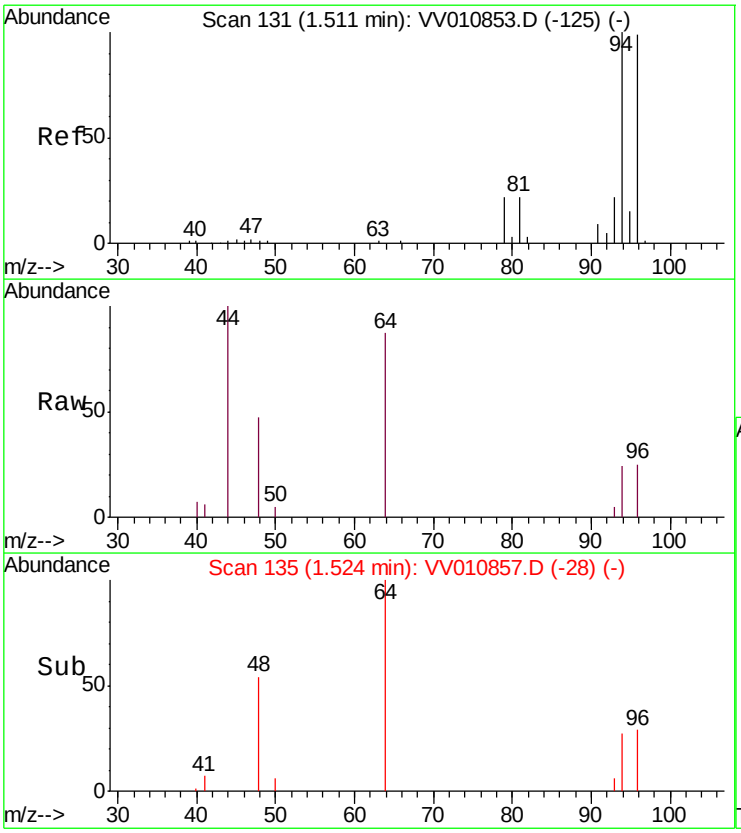
#3
Chloromethane
Concen: 1.249 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV010857.D
Acq: 14 May 2019 12:52

Instrument :
MSVOA_V
ClientSampleId :
DB862

Tgt Ion: 50 Resp: 610

Ion	Ratio	Lower	Upper
50	100		
52	33.8	22.5	41.7

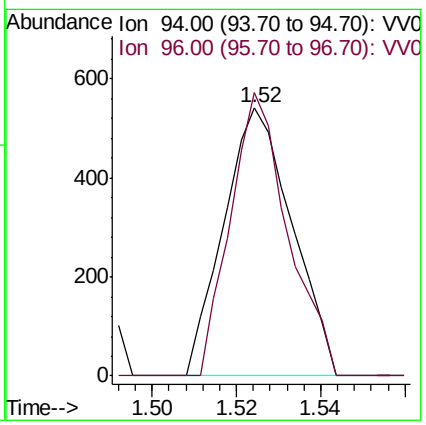


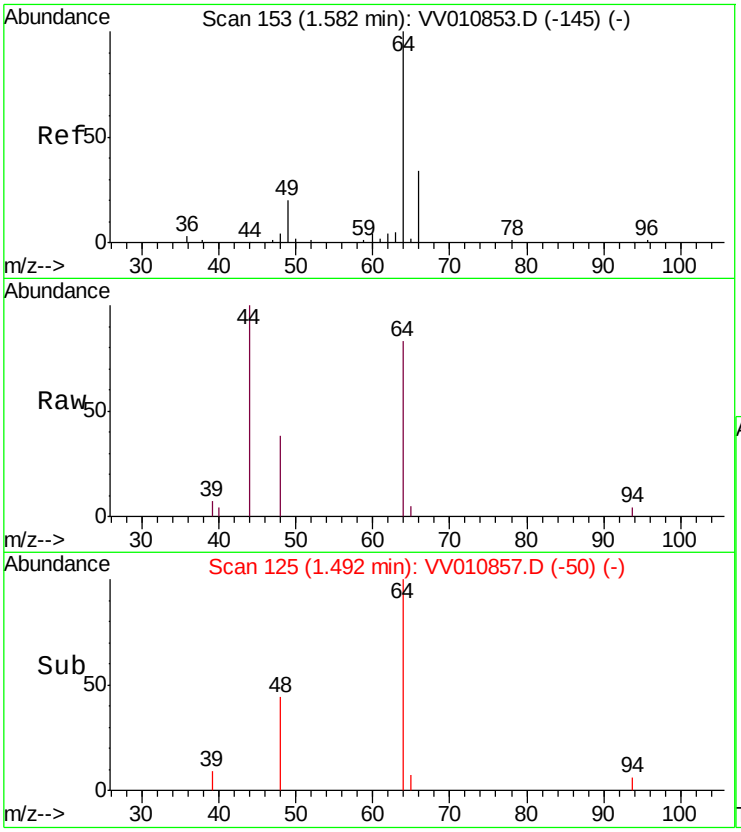


#6
Bromomethane
Concen: 4.988 ug/L
RT: 1.52 min Scan# 135
Delta R.T. 0.01 min
Lab File: VV010857.D
Acq: 14 May 2019 12:52

Tgt Ion: 94 Resp: 609

Ion	Ratio	Lower	Upper
94	100		
96	88.8	9.6	181.6



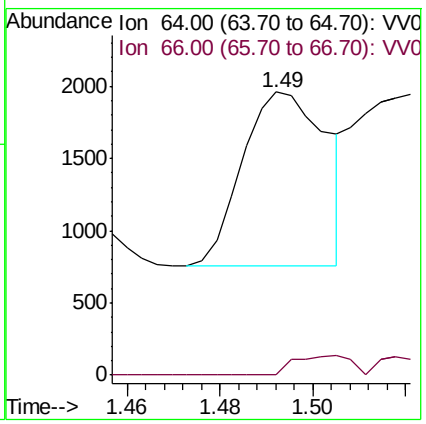


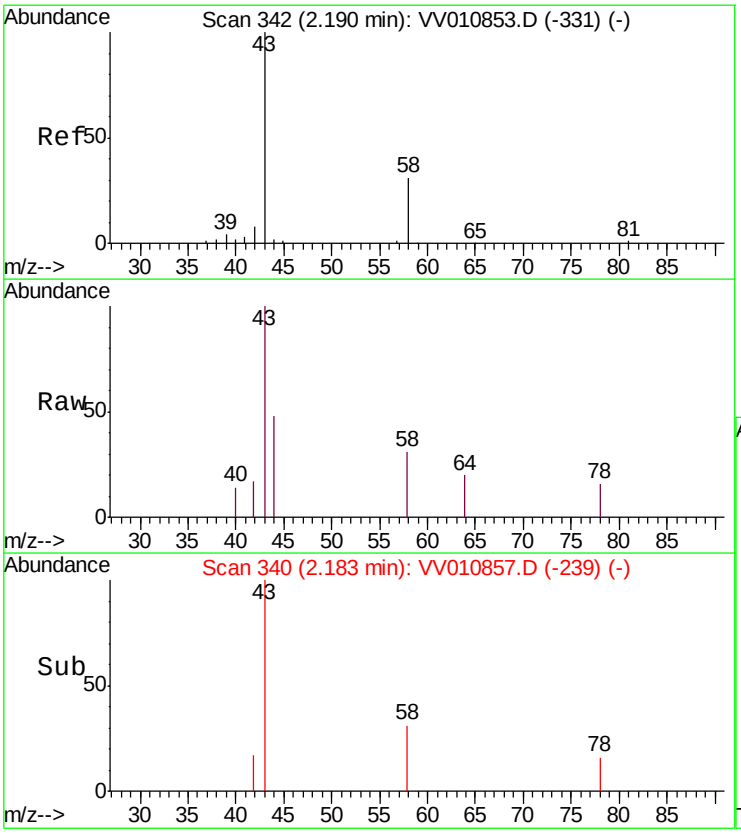
#8
Chloroethane
Concen: 5.583 ug/L
RT: 1.49 min Scan# 125
Delta R.T. -0.09 min
Lab File: VV010857.D
Acq: 14 May 2019 12:52

Instrument : MSVOA_V
ClientSampleId : DB862

Tgt Ion: 64 Resp: 1519

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.5	41.9#

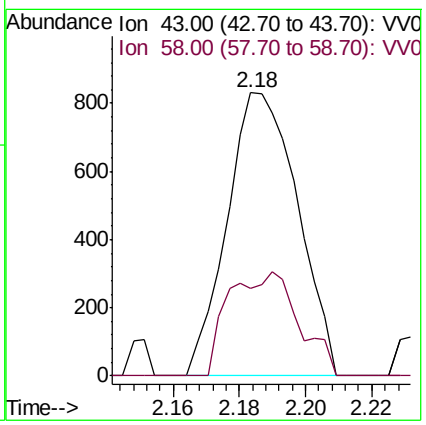


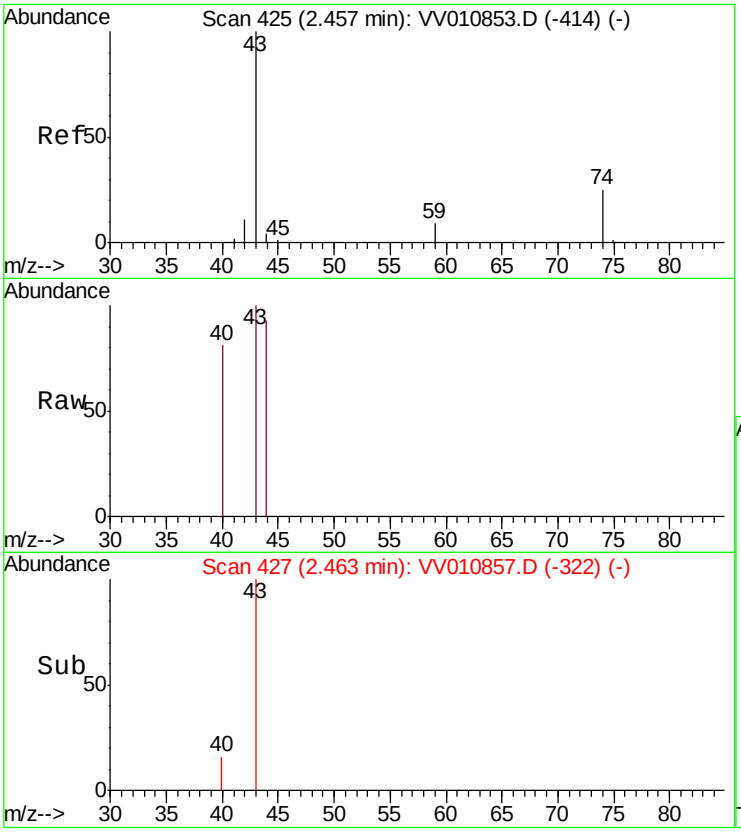


#13
Acetone
Concen: 8.173 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.01 min
Lab File: VV010857.D
Acq: 14 May 2019 12:52

Tgt Ion: 43 Resp: 1227

Ion	Ratio	Lower	Upper
43	100		
58	15.2	0.0	69.2



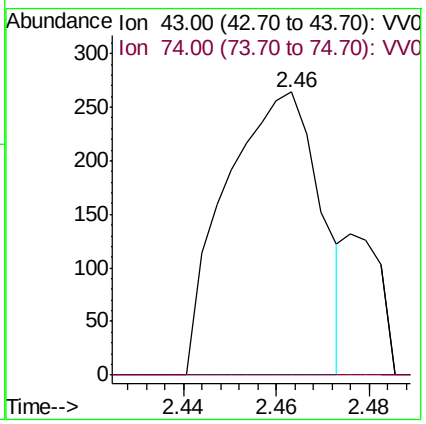


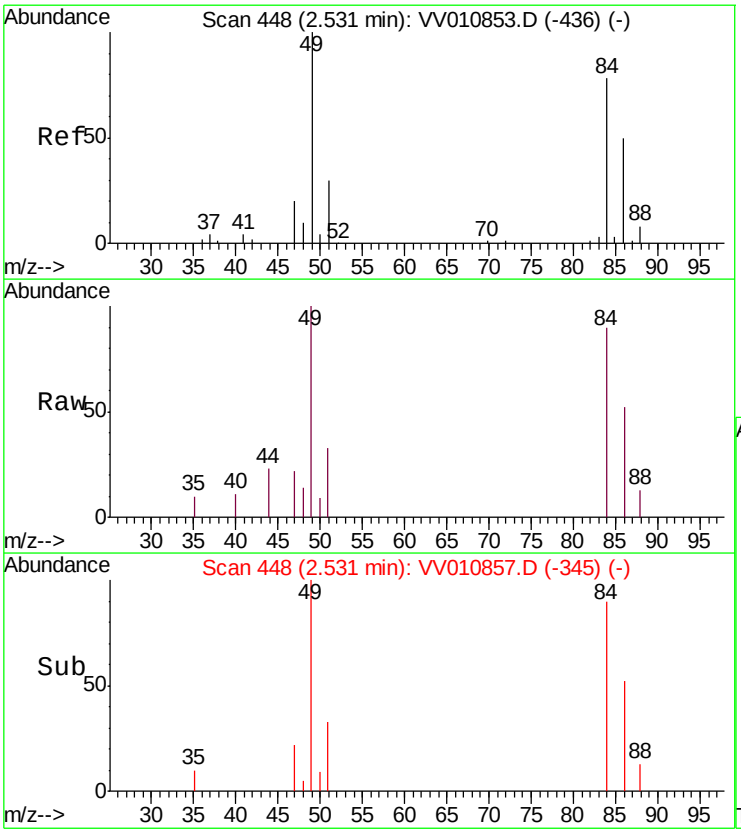
#15
Methyl Acetate
Concen: 1.196 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.01 min
Lab File: VV010857.D
Acq: 14 May 2019 12:52

Instrument : MSVOA_V
ClientSampleId : DB862

Tgt Ion: 43 Resp: 374

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	27.8#

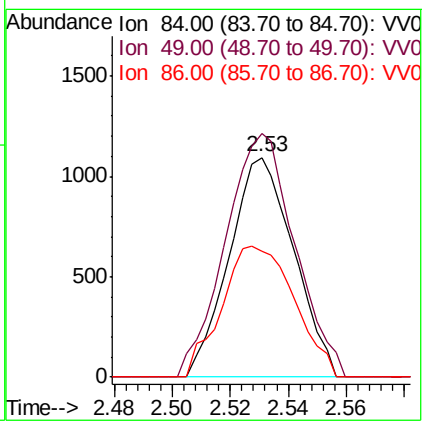


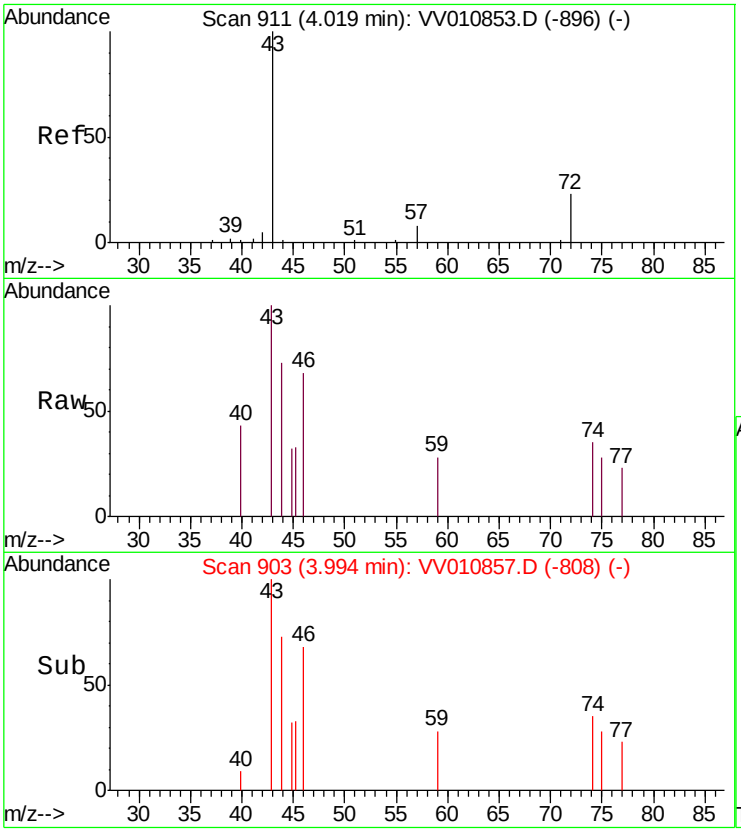


#16
Methylene chloride
Concen: 2.845 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV010857.D
Acq: 14 May 2019 12:52

Tgt Ion: 84 Resp: 1688

Ion	Ratio	Lower	Upper
84	100		
49	111.0	85.8	159.3
86	57.3	45.0	83.6



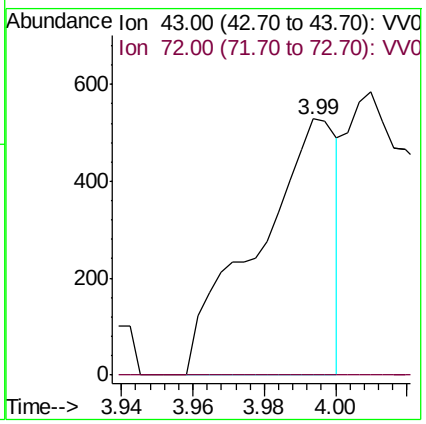


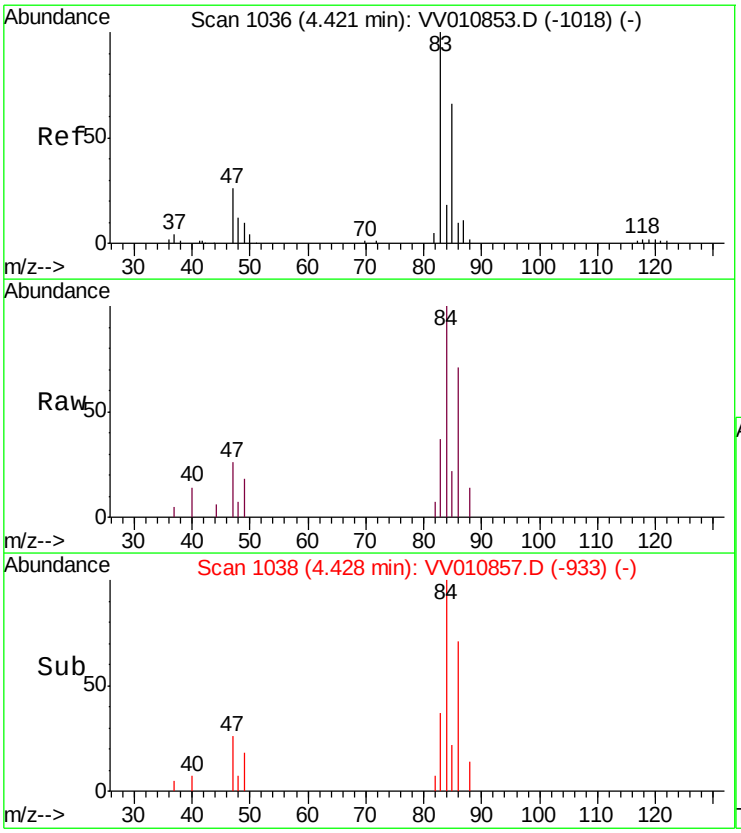
#21
2-Butanone
Concen: 4.216 ug/L
RT: 3.99 min Scan# 903
Delta R.T. -0.03 min
Lab File: VV010857.D
Acq: 14 May 2019 12:52

Instrument :
MSVOA_V
ClientSampleId :
DB862

Tgt Ion: 43 Resp: 817

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.7	41.1#

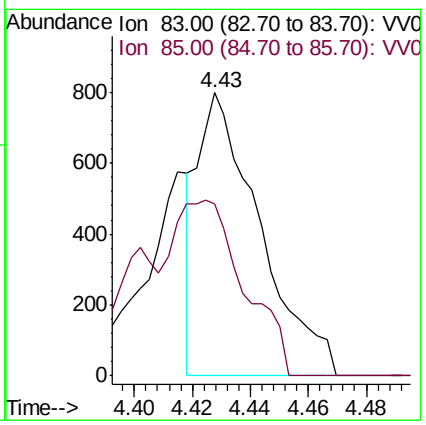


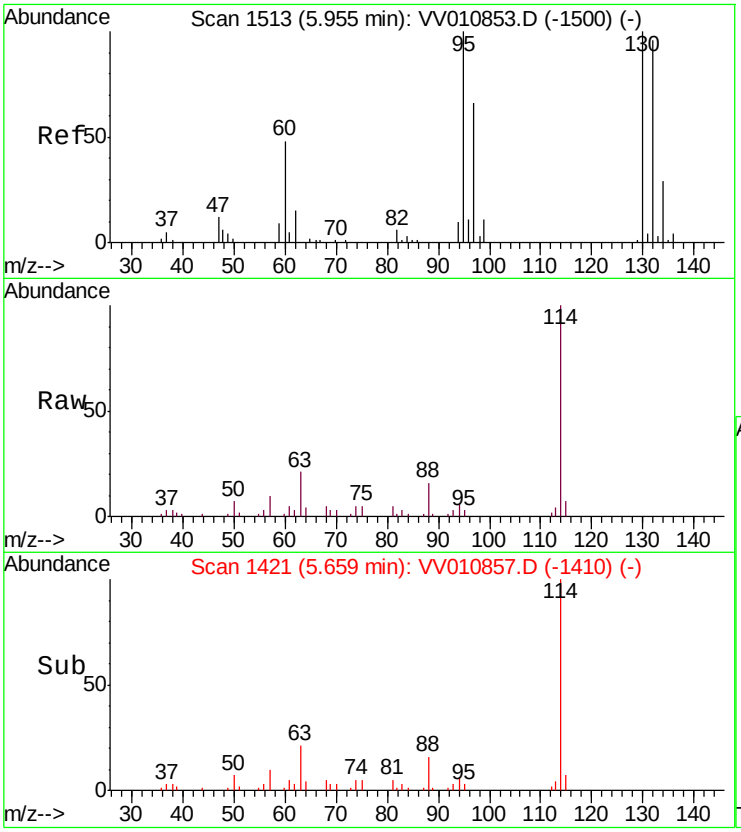


#25
Chloroform
Concen: 1.117 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV010857.D
Acq: 14 May 2019 12:52

Tgt Ion: 83 Resp: 1184

Ion	Ratio	Lower	Upper
83	100		
85	72.0	45.3	84.1



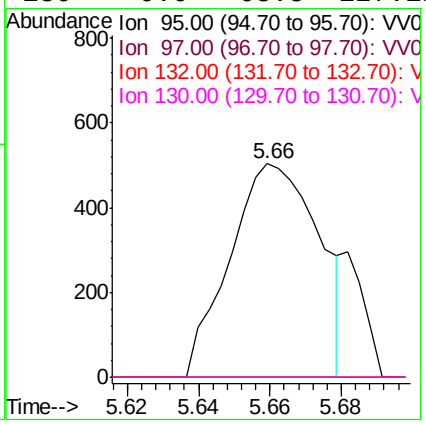


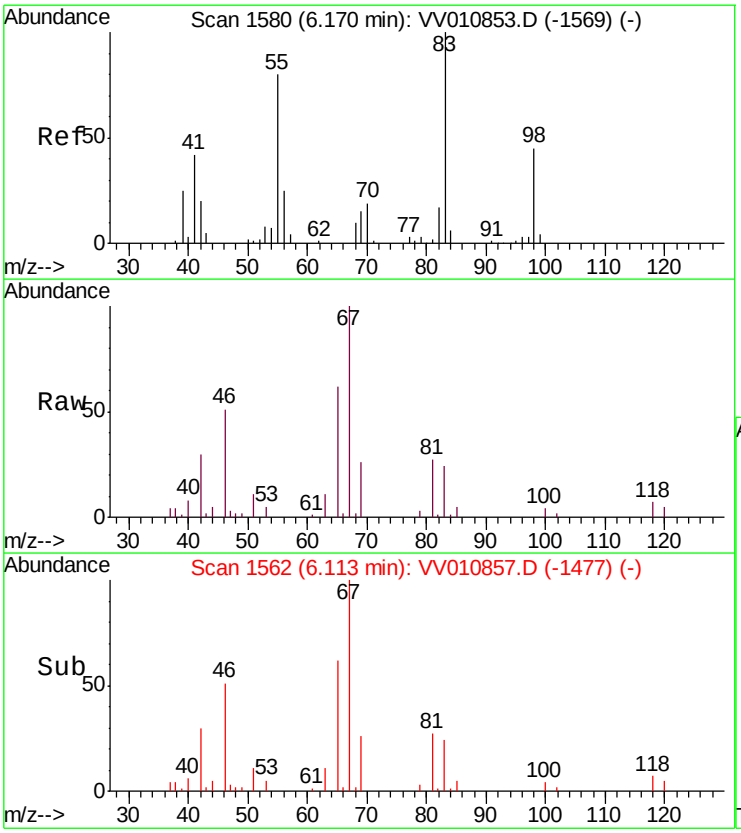
#35
Trichloroethene
Concen: 1.289 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010857.D
Acq: 14 May 2019 12:52

Instrument : MSVOA_V
ClientSampleId : DB862

Tgt Ion: 95 Resp: 868

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#

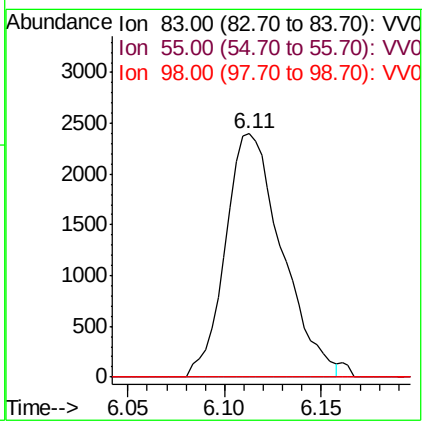


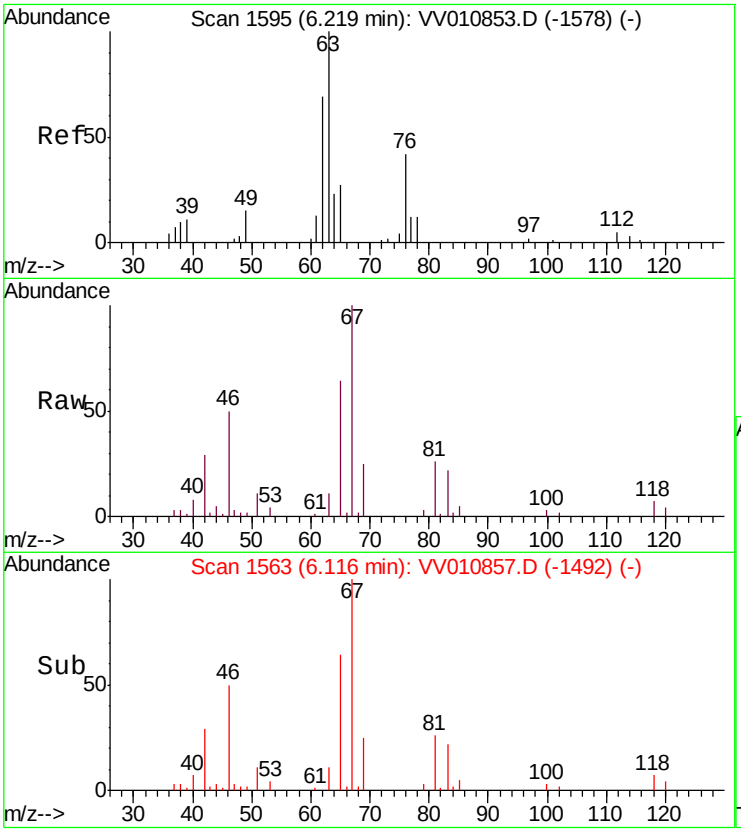


#36
Methylcyclohexane
Concen: 5.195 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010857.D
Acq: 14 May 2019 12:52

Tgt Ion: 83 Resp: 4870

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.4#
98	7.9	37.2	55.8#



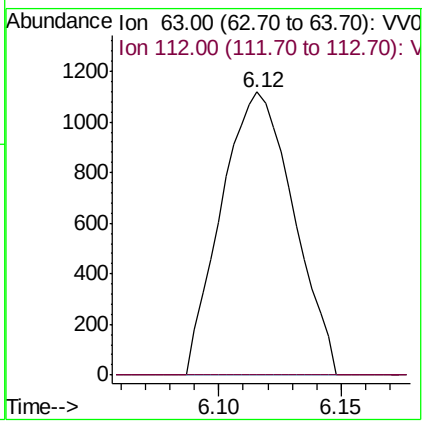


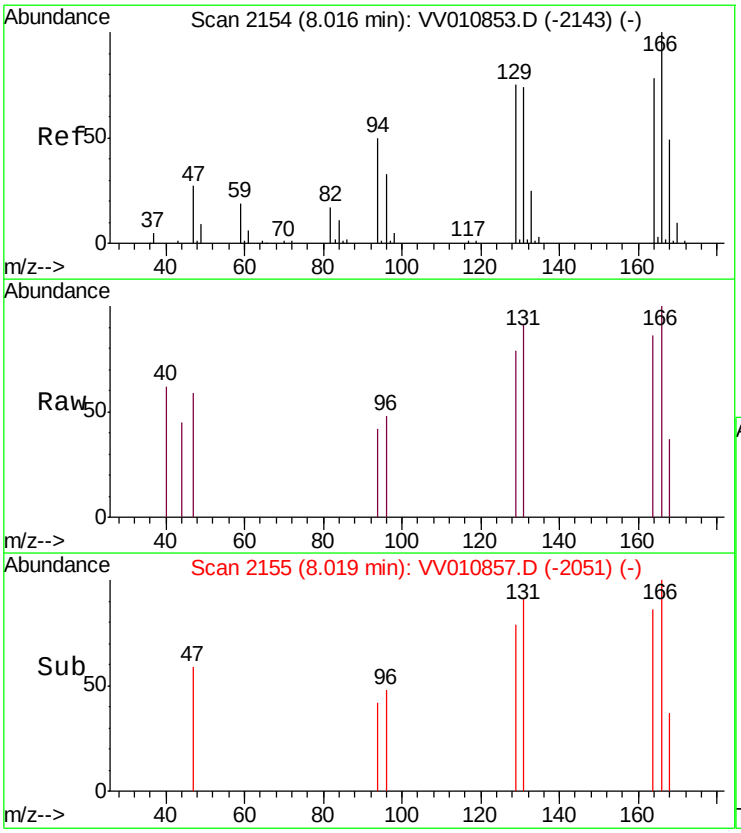
#40
1,2-Dichloropropane
Concen: 3.242 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010857.D
Acq: 14 May 2019 12:52

Instrument :
MSVOA_V
ClientSampleId :
DB862

Tgt Ion: 63 Resp: 2295

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

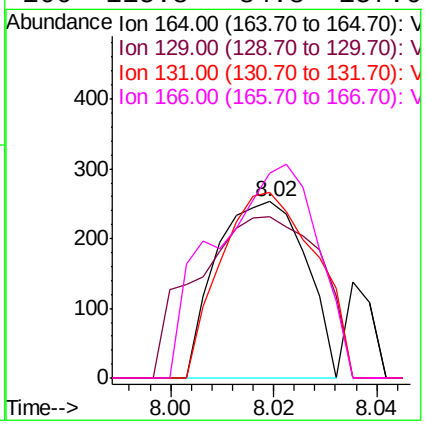


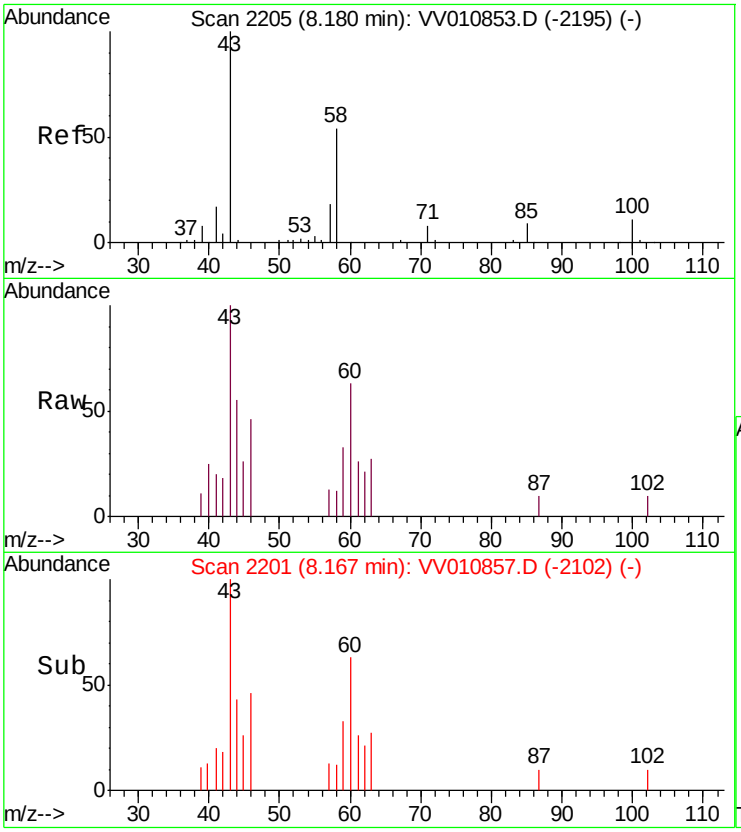


#47
Tetrachloroethene
Concen: 0.611 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010857.D
Acq: 14 May 2019 12:52

Tgt Ion:164 Resp: 304

Ion	Ratio	Lower	Upper
164	100		
129	91.7	67.6	125.6
131	105.1	65.1	120.9
166	115.8	84.8	157.6



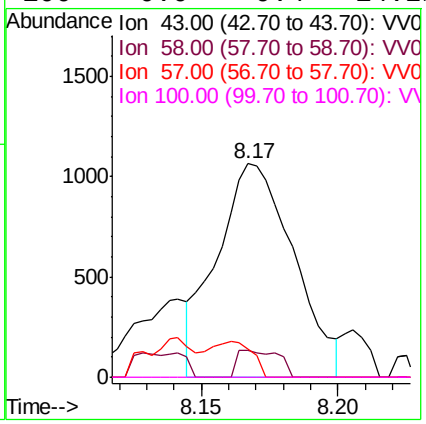


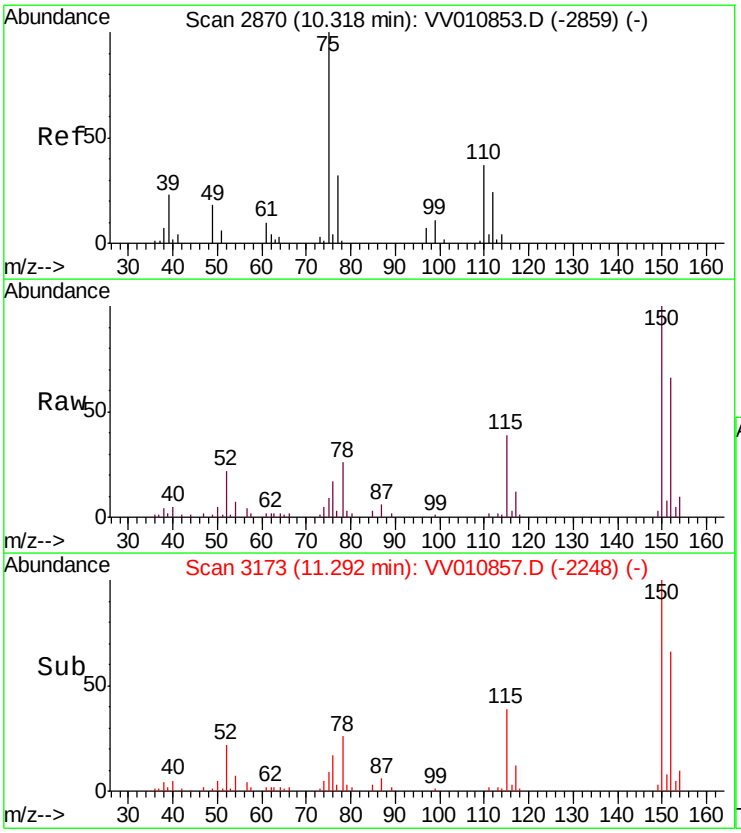
#49
2-Hexanone
Concen: 5.644 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. -0.01 min
Lab File: VV010857.D
Acq: 14 May 2019 12:52

Instrument : MSVOA_V
ClientSampleId : DB862

Tgt Ion: 43 Resp: 2084

Ion	Ratio	Lower	Upper
43	100		
58	4.6	41.0	61.6#
57	9.7	14.3	21.5#
100	0.0	9.4	14.2#





#59
1,2,3-Trichloropropane
Concen: 4.007 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010857.D
Acq: 14 May 2019 12:52

Tgt Ion: 75 Resp: 2186

Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.4	39.6