Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033019\
Data File : VV010028.D
Acq On : 30 Mar 2019 18:56
Operator : SY/MD
Sample : K2166-14
Misc : 5.87G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0M4

Quant Time: Mar 30 23:36:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 23:31:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	117773	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	119717	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48445	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	53078	22.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.84%			
7) Chloroethane-d5	1.56	69	63324	24.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.12%			
10) 1,1-Dichloroethene-d2	2.12	63	119825	18.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.32%			
20) 2-Butanone-d5	3.93	46	35968	80.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 161.52%#			
24) Chloroform-d	4.40	84	66508	22.17	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.68%			
26) 1,2-Dichloroethane-d4	5.08	65	54358	30.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 120.40%			
29) Benzene-d6	5.10	84	152705	24.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.16%			
33) 1,2-Dichloropropane-d6	6.12	67	50243	27.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.28%			
37) Toluene-d8	7.36	98	132036	22.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.76%			
38) trans-1,3-Dichloropropene-	7.66	79	15892	21.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.48%			
39) 2-Hexanone-d5	8.13	63	27187	79.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 158.38%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56819	31.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 124.80%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	49293	26.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.92%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	3289	1.142	ug/L #	1
13) Acetone	2.18	43	2982	4.422	ug/L	99
16) Methylene chloride	2.53	84	4142	2.136	ug/L	80
22) cis-1,2-Dichloroethene	3.96	96	2074	1.217	ug/L	91
25) Chloroform	4.43	83	13322	4.269	ug/L #	49
35) Trichloroethene	5.96	95	14133	8.150	ug/L	90
36) Methylcyclohexane	6.11	83	6459	2.374	ug/L #	22
40) 1,2-Dichloropropane	6.11	63	6109	3.719	ug/L #	92
42) cis-1,3-Dichloropropene	7.03	75	1642	0.686	ug/L	94
44) Toluene	7.43	91	3301	0.455	ug/L	82
46) 1,1,2-Trichloroethane	8.02	97	15950	11.740	ug/L #	6
47) Tetrachloroethene	8.02	164	1632602	1193.098	ug/L	96
59) 1,2,3-Trichloropropane	11.30	75	7777	5.884	ug/L	90

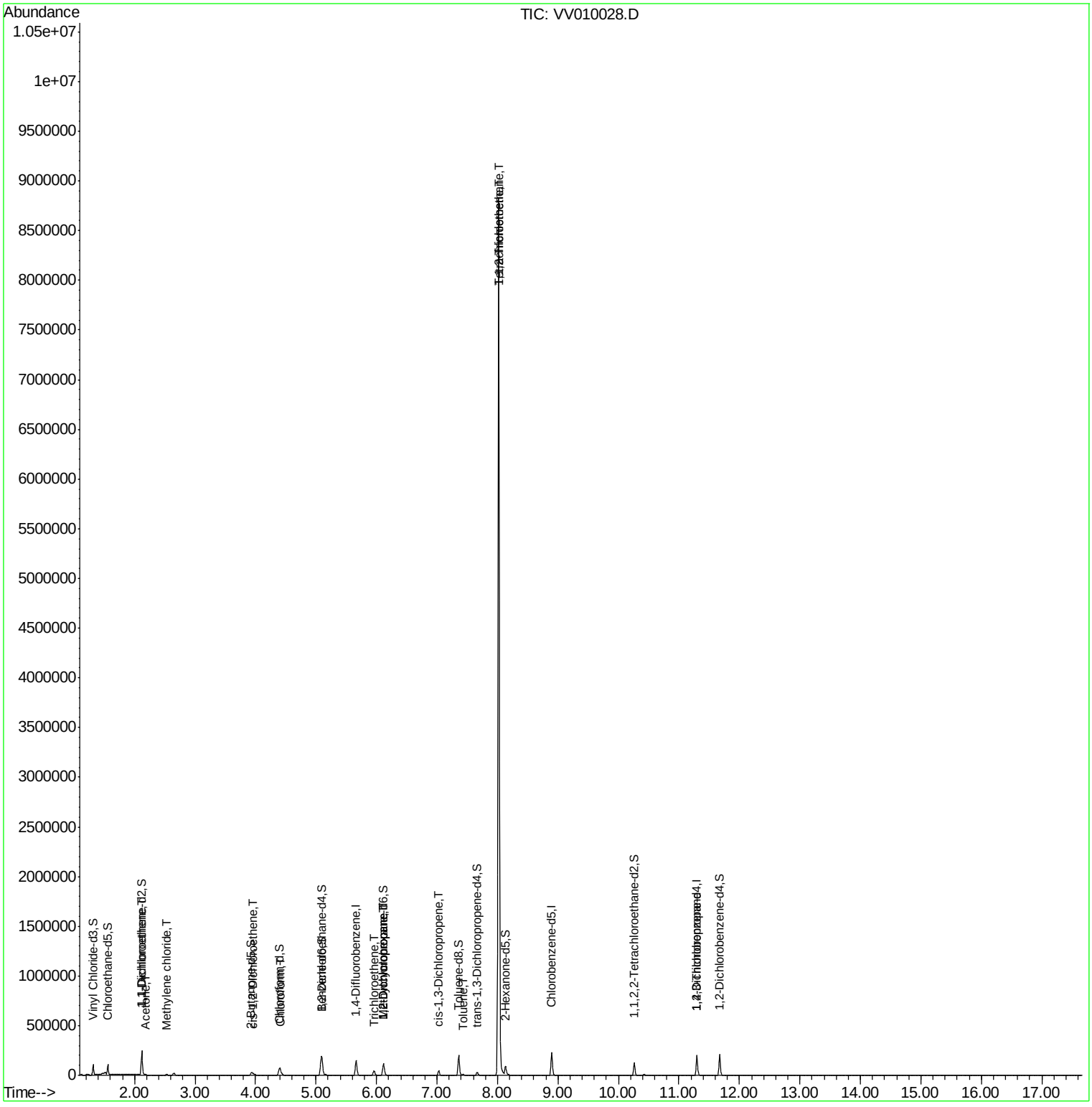
(#) = qualifier out of range (m) = manual integration (+) = signals summed

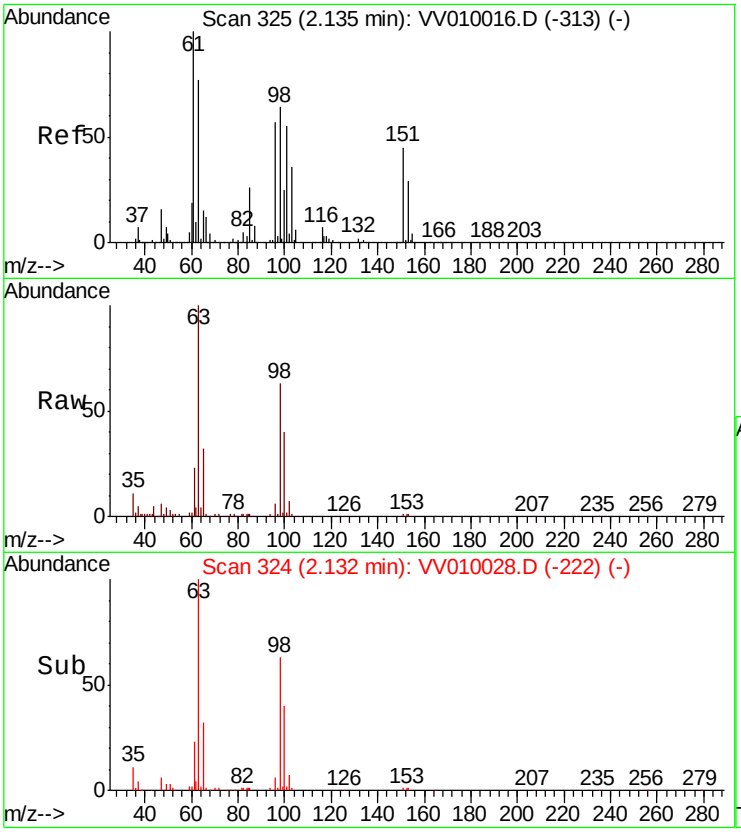
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033019\
Data File : VV010028.D
Acq On : 30 Mar 2019 18:56
Operator : SY/MD
Sample : K2166-14
Misc : 5.87G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0M4

Quant Time: Mar 30 23:36:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 23:31:11 2019
Response via : Initial Calibration



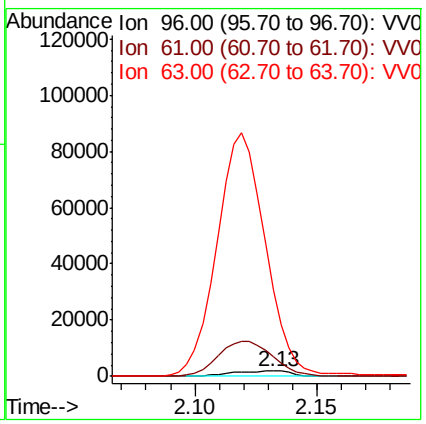


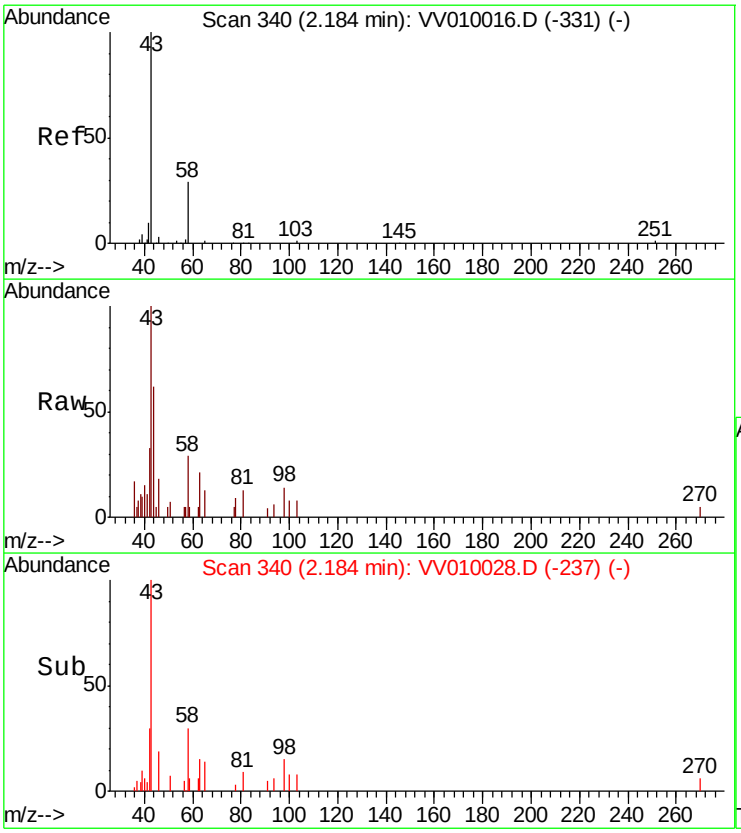
#12
1,1-Dichloroethene
Concen: 1.142 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV010028.D
Acq: 30 Mar 2019 18:56

Instrument :
MSVOA_V
ClientSampleId :
BF0M4

Tgt Ion: 96 Resp: 3289

Ion	Ratio	Lower	Upper
96	100		
61	369.3	124.3	230.8#
63	1612.2	88.2	163.8#

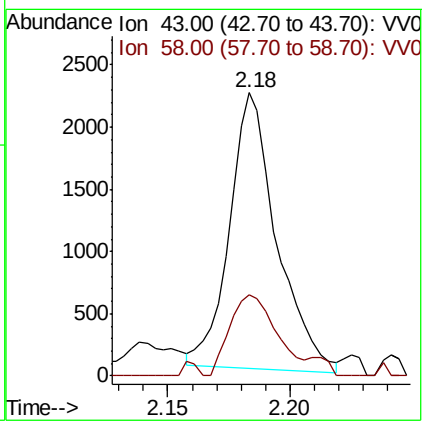


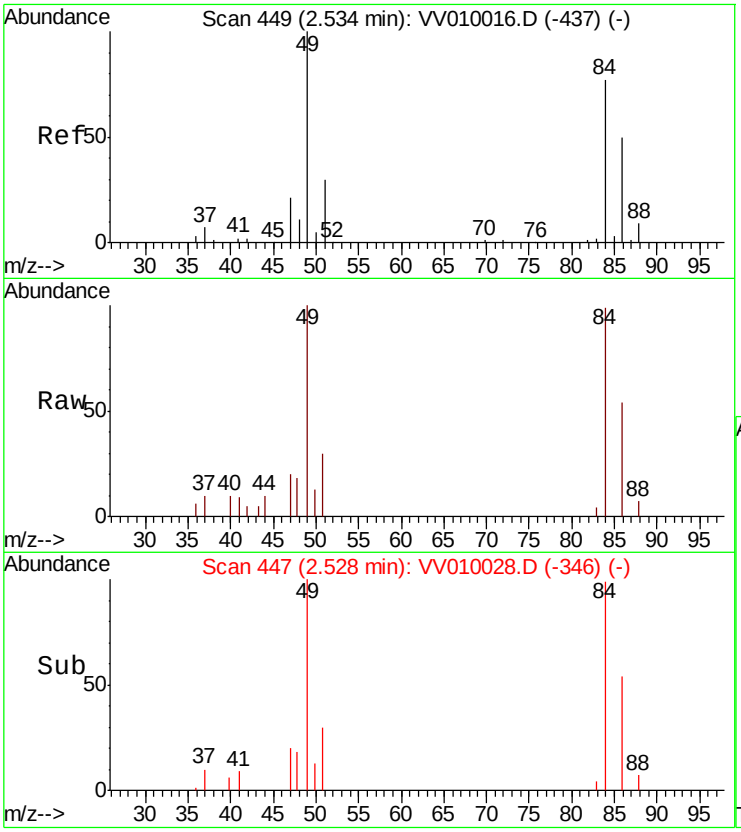


#13
Acetone
Concen: 4.422 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV010028.D
Acq: 30 Mar 2019 18:56

Tgt Ion: 43 Resp: 2982

Ion	Ratio	Lower	Upper
43	100		
58	29.3	0.0	59.4



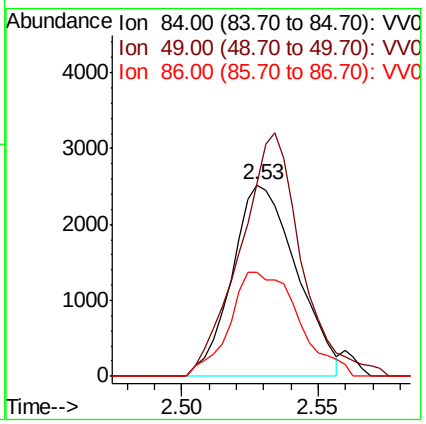


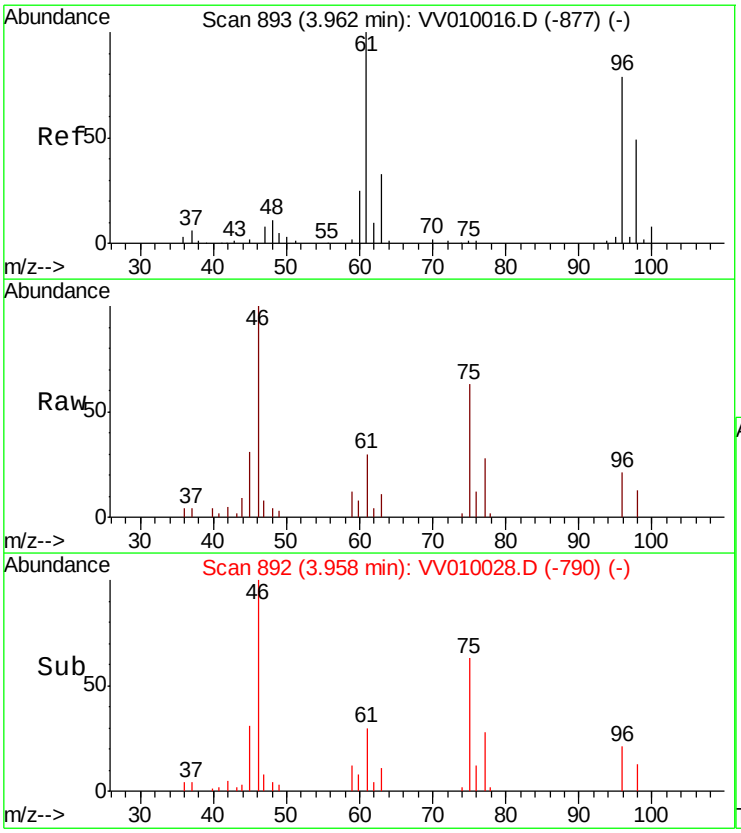
#16
Methylene chloride
Concen: 2.136 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010028.D
Acq: 30 Mar 2019 18:56

Instrument :
MSVOA_V
ClientSampleId :
BF0M4

Tgt Ion: 84 Resp: 4142

Ion	Ratio	Lower	Upper
84	100		
49	100.6	90.4	167.8
86	54.3	44.0	81.6

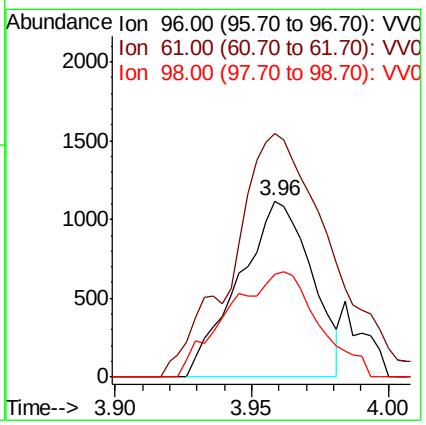


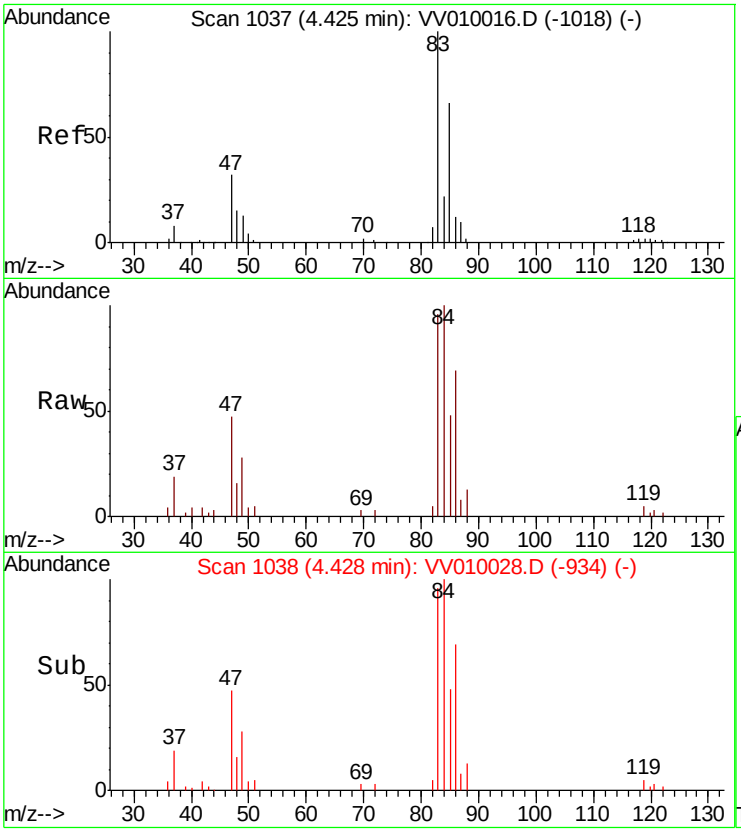


#22
cis-1,2-Dichloroethene
Concen: 1.217 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV010028.D
Acq: 30 Mar 2019 18:56

Tgt Ion: 96 Resp: 2074

Ion	Ratio	Lower	Upper
96	100		
61	138.4	91.4	169.8
98	58.6	48.0	89.2



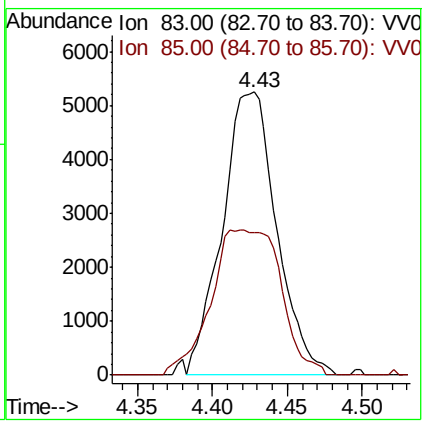


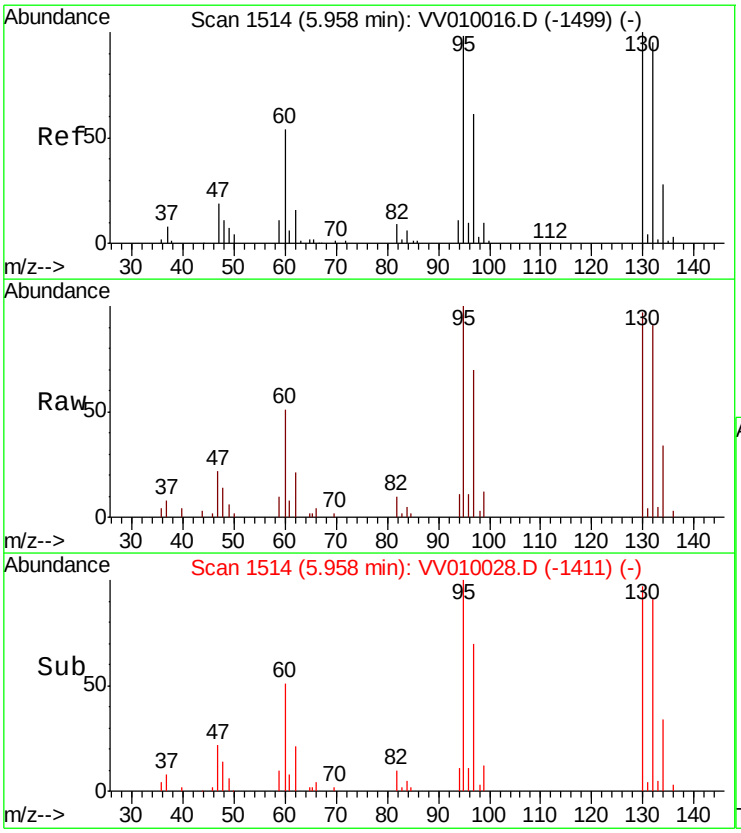
#25
Chloroform
Concen: 4.269 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010028.D
Acq: 30 Mar 2019 18:56

Instrument : MSVOA_V
ClientSampleId : BF0M4

Tgt Ion: 83 Resp: 13322

Ion	Ratio	Lower	Upper
83	100		
85	25.4	46.1	85.7#

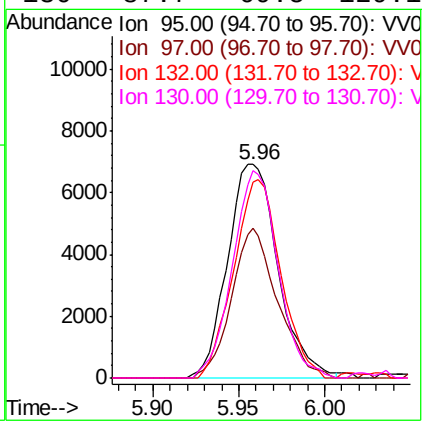


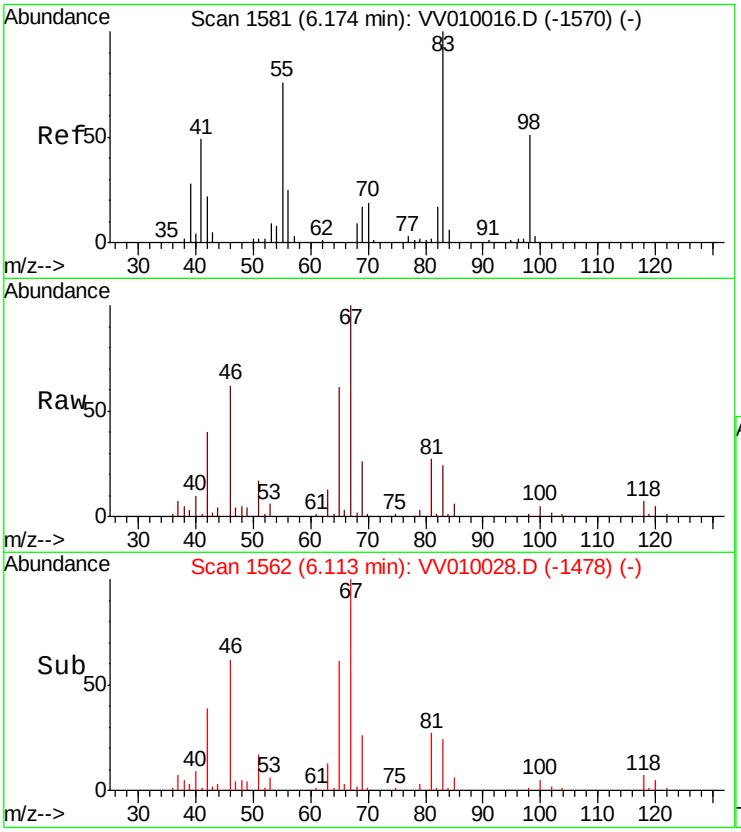


#35
Trichloroethene
Concen: 8.150 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV010028.D
Acq: 30 Mar 2019 18:56

Tgt Ion: 95 Resp: 14133

Ion	Ratio	Lower	Upper
95	100		
97	64.0	46.3	85.9
132	86.3	69.3	128.7
130	87.7	69.5	129.1



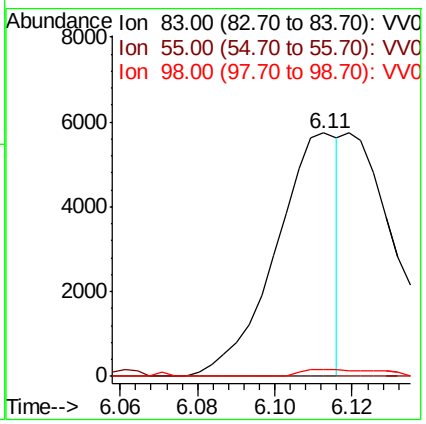


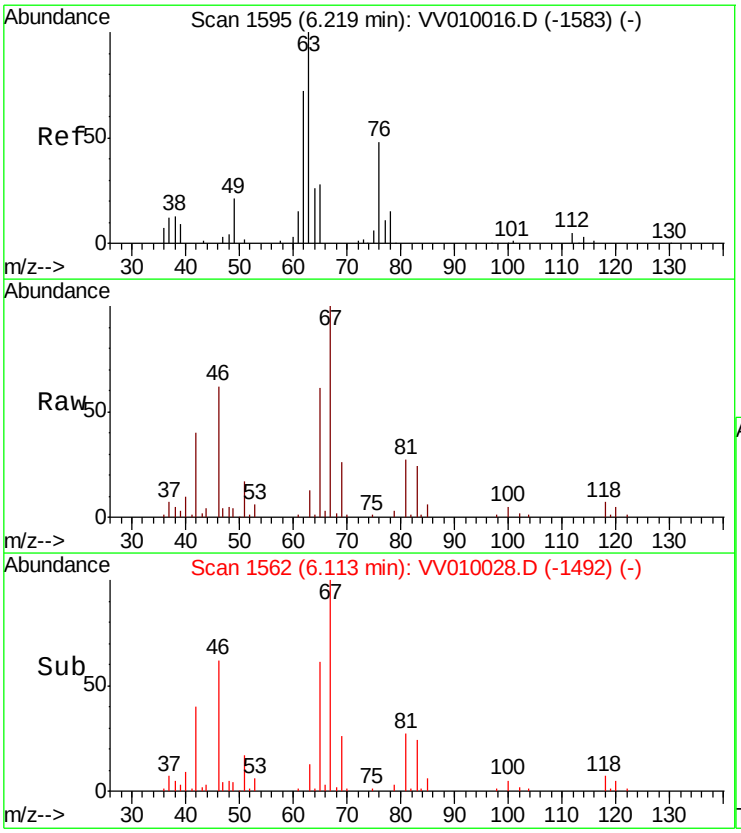
#36
Methylcyclohexane
Concen: 2.374 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010028.D
Acq: 30 Mar 2019 18:56

Instrument :
MSVOA_V
ClientSampleId :
BF0M4

Tgt Ion: 83 Resp: 6459

Ion	Ratio	Lower	Upper
83	100		
55	1.2	57.3	85.9#
98	2.6	39.2	58.8#

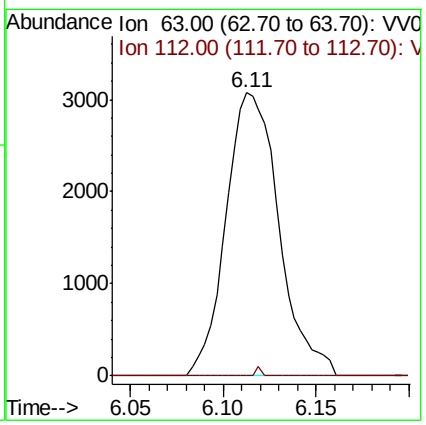


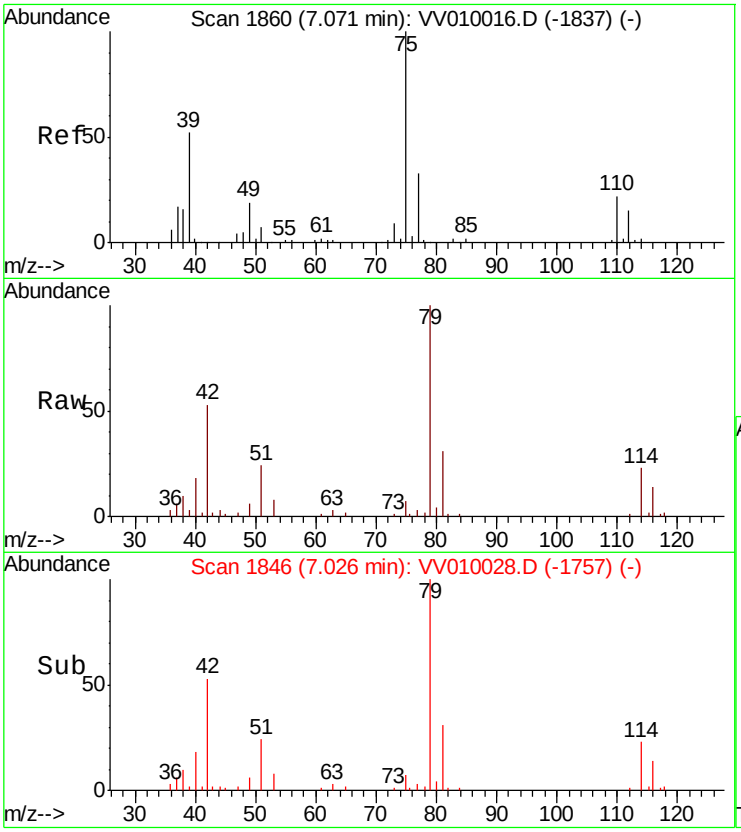


#40
1,2-Dichloropropane
Concen: 3.719 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010028.D
Acq: 30 Mar 2019 18:56

Tgt Ion: 63 Resp: 6109

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.1	3.1#



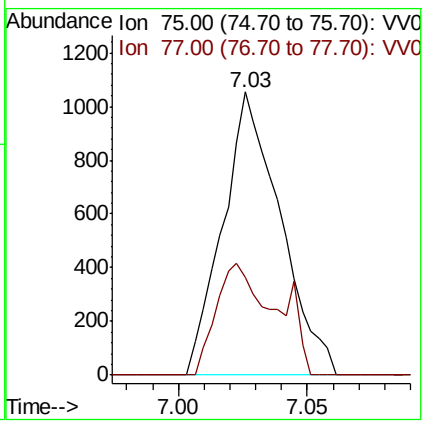


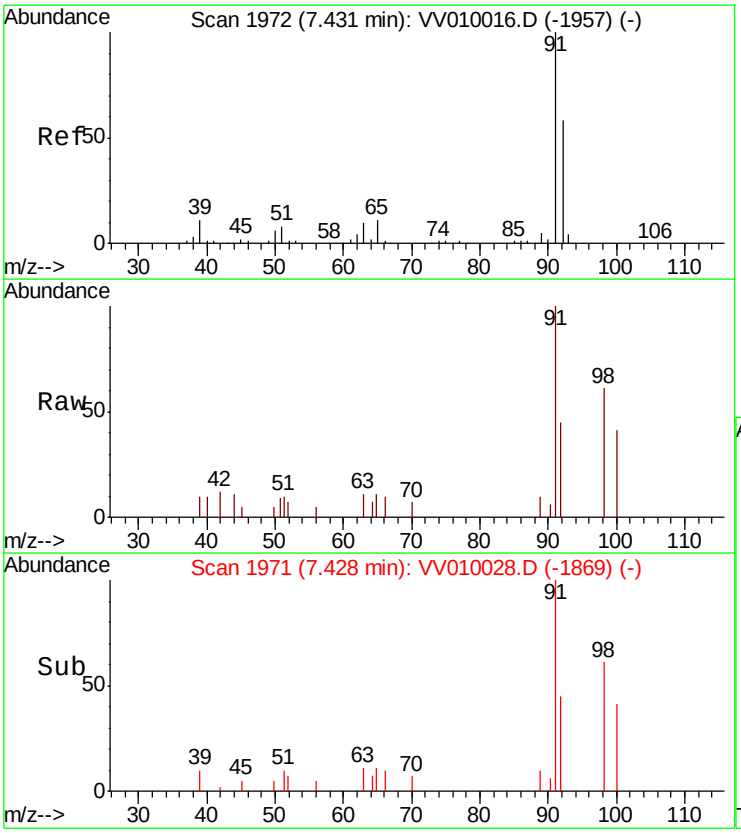
#42
cis-1,3-Dichloropropene
Concen: 0.686 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV010028.D
Acq: 30 Mar 2019 18:56

Instrument :
MSVOA_V
ClientSampleId :
BF0M4

Tgt Ion: 75 Resp: 1642

Ion	Ratio	Lower	Upper
75	100		
77	34.7	21.8	40.6

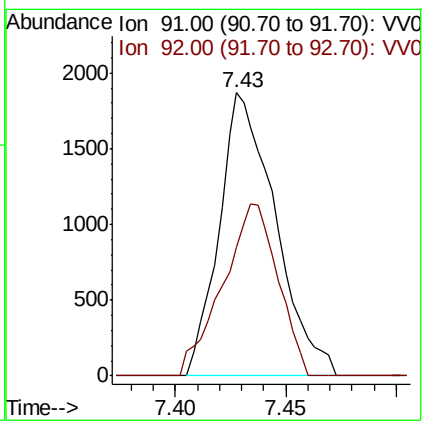


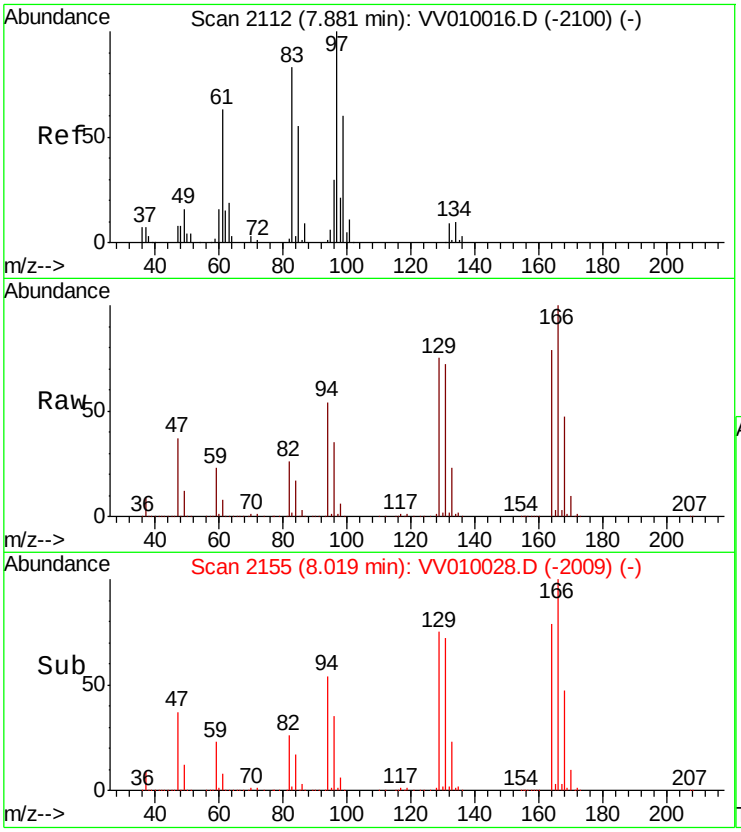


#44
Toluene
Concen: 0.455 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV010028.D
Acq: 30 Mar 2019 18:56

Tgt Ion: 91 Resp: 3301

Ion	Ratio	Lower	Upper
91	100		
92	45.3	41.0	76.2



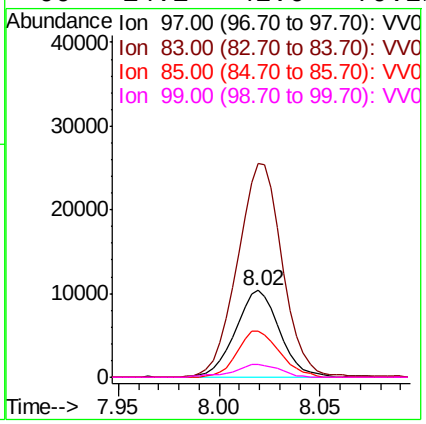


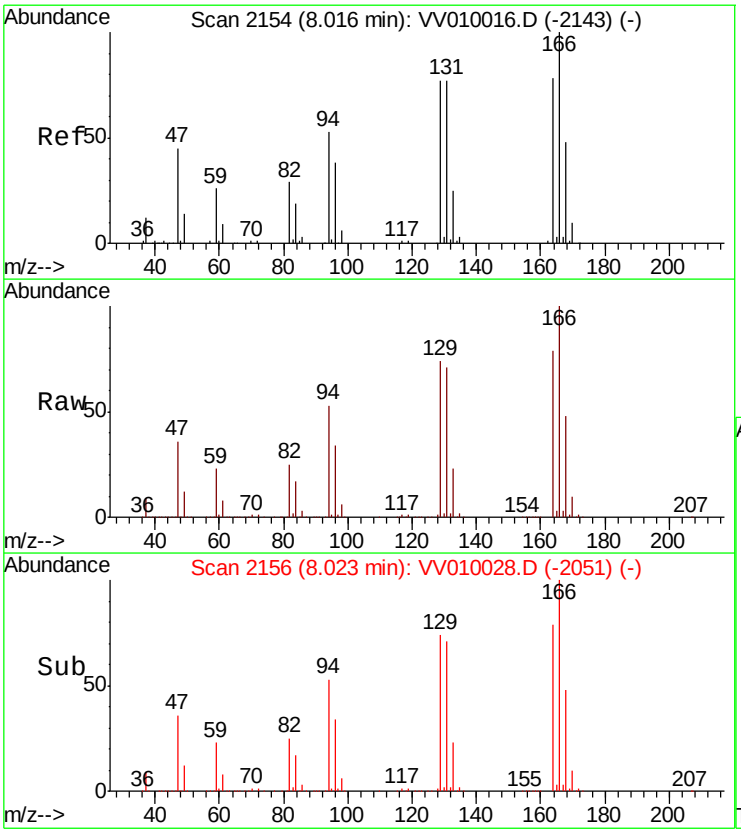
#46
1,1,2-Trichloroethane
Concen: 11.740 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.14 min
Lab File: VV010028.D
Acq: 30 Mar 2019 18:56

Instrument : MSVOA_V
ClientSampleId : BF0M4

Tgt Ion: 97 Resp: 15950

Ion	Ratio	Lower	Upper
97	100		
83	246.7	59.6	110.8#
85	53.2	39.2	72.8
99	14.1	42.6	79.2#

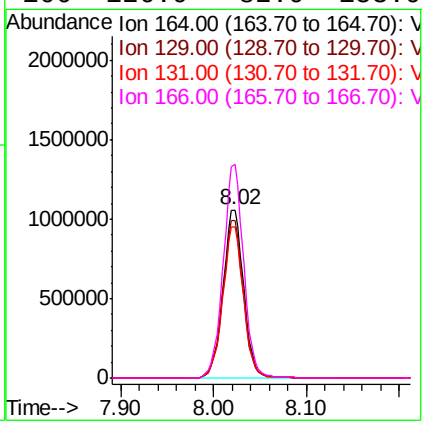


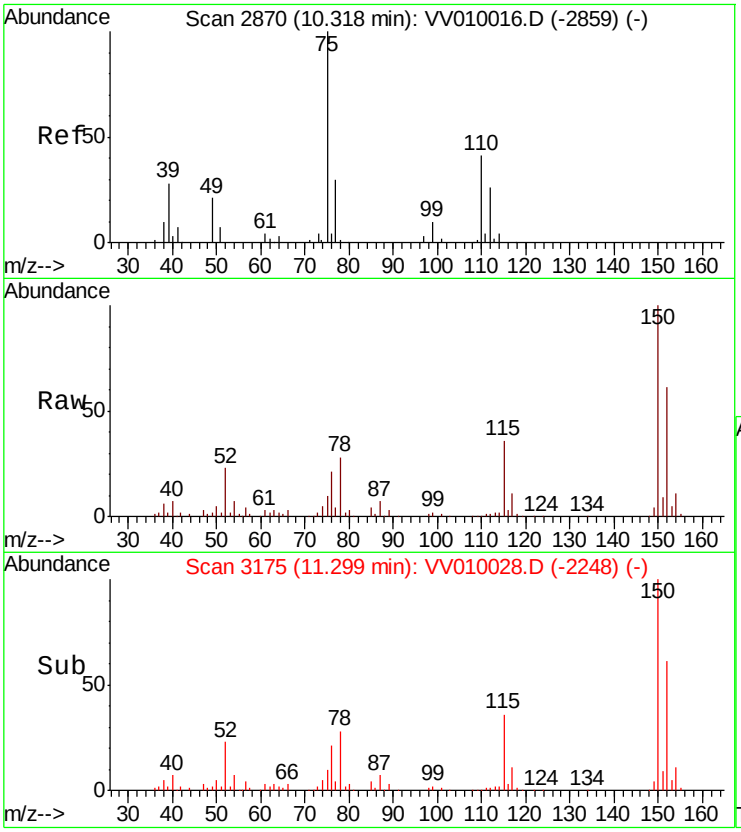


#47
Tetrachloroethene
Concen: 1193.098 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.01 min
Lab File: VV010028.D
Acq: 30 Mar 2019 18:56

Tgt Ion:164 Resp: 1632602

Ion	Ratio	Lower	Upper
164	100		
129	93.8	64.9	120.5
131	90.1	62.0	115.2
166	126.9	82.9	153.9





#59
1,2,3-Trichloropropane
Concen: 5.884 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010028.D
Acq: 30 Mar 2019 18:56

Instrument :
MSVOA_V
ClientSampleId :
BF0M4

Tgt Ion: 75 Resp: 7777

Ion	Ratio	Lower	Upper
75	100		
77	38.2	26.2	39.2