Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031319\

Quantitation Report (Not Reviewed)

Data File : VV009653.D
Acq On : 13 Mar 2019 23:08
Operator : SY/MD
Sample : K1794-16
Misc : 4.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5P3

Quant Time: Mar 14 07:42:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	81450	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	67669	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	21341	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	10715	10.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 41.16%			
7) Chloroethane-d5	1.57	69	18979	14.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 59.08%			
10) 1,1-Dichloroethene-d2	2.13	63	31581	11.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 44.88%#			
20) 2-Butanone-d5	3.95	46	2539	9.31	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 18.62%#			
24) Chloroform-d	4.40	84	45785	22.05	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.20%			
26) 1,2-Dichloroethane-d4	5.08	65	34804	29.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.48%			
29) Benzene-d6	5.10	84	88130	24.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.32%			
33) 1,2-Dichloropropane-d6	6.12	67	32974	31.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 127.16%#			
37) Toluene-d8	7.36	98	70270	20.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.84%			
38) trans-1,3-Dichloropropene-	7.67	79	3445	7.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 28.92%#			
39) 2-Hexanone-d5	8.14	63	1776	9.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 18.60%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25218	25.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.72%			
61) 1,2-Dichlorobenzene-d4	11.68	152	19422	23.49	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.96%			
Target Compounds						Qvalue
13) Acetone	2.19	43	6641	20.194	ug/L	100
15) Methyl Acetate	2.46	43	1523	3.174	ug/L #	72
16) Methylene chloride	2.54	84	4532	3.822	ug/L	96
21) 2-Butanone	3.99	43	743	1.830	ug/L #	46
35) Trichloroethene	5.67	95	2474	2.323	ug/L #	5
36) Methylcyclohexane	6.12	83	8061	4.557	ug/L #	20
40) 1,2-Dichloropropane	6.11	63	3897	4.181	ug/L #	88
49) 2-Hexanone	8.17	43	4296	8.975	ug/L #	39
59) 1,2,3-Trichloropropane	11.30	75	2951	4.071	ug/L #	76

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

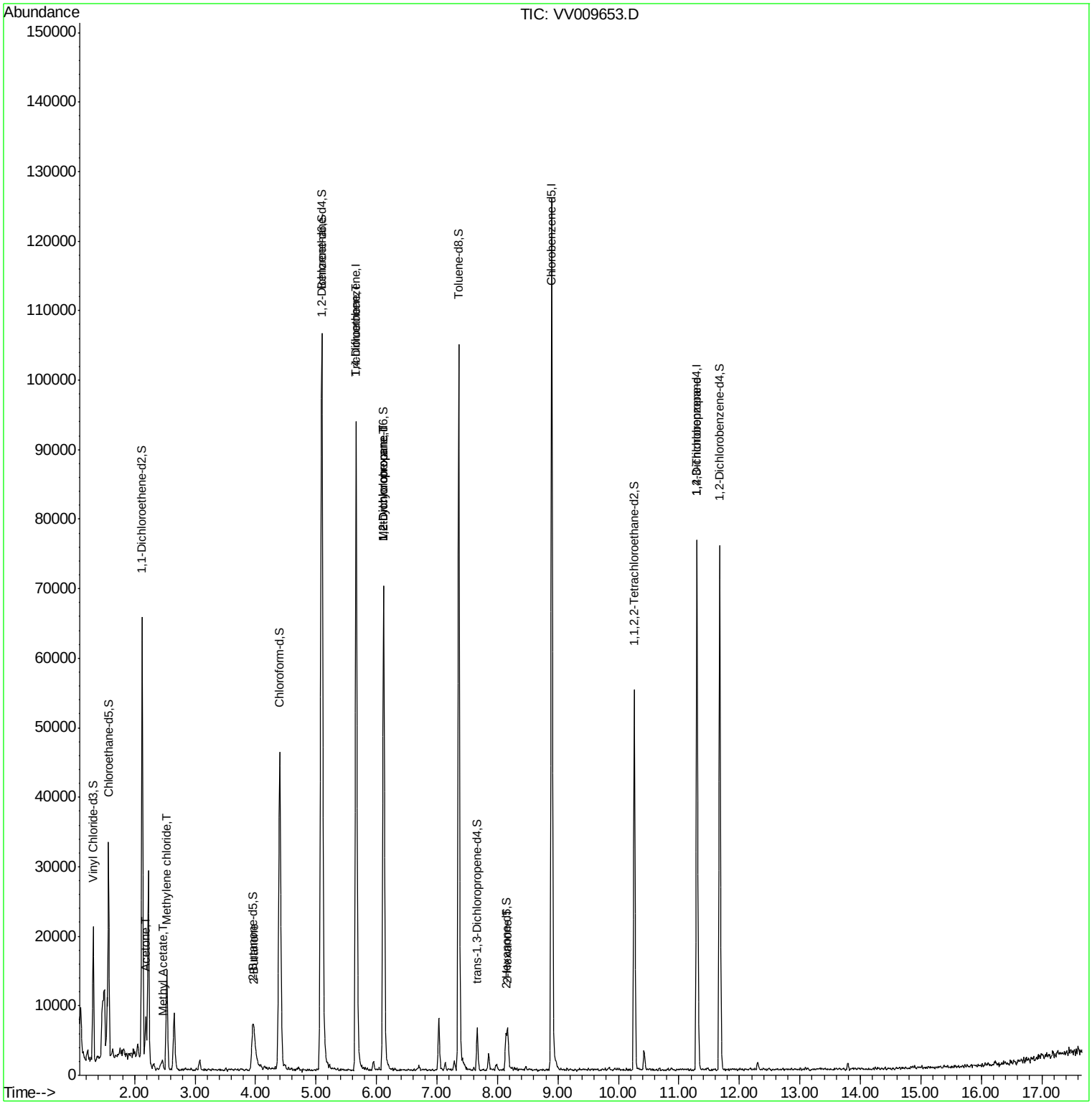
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031319\

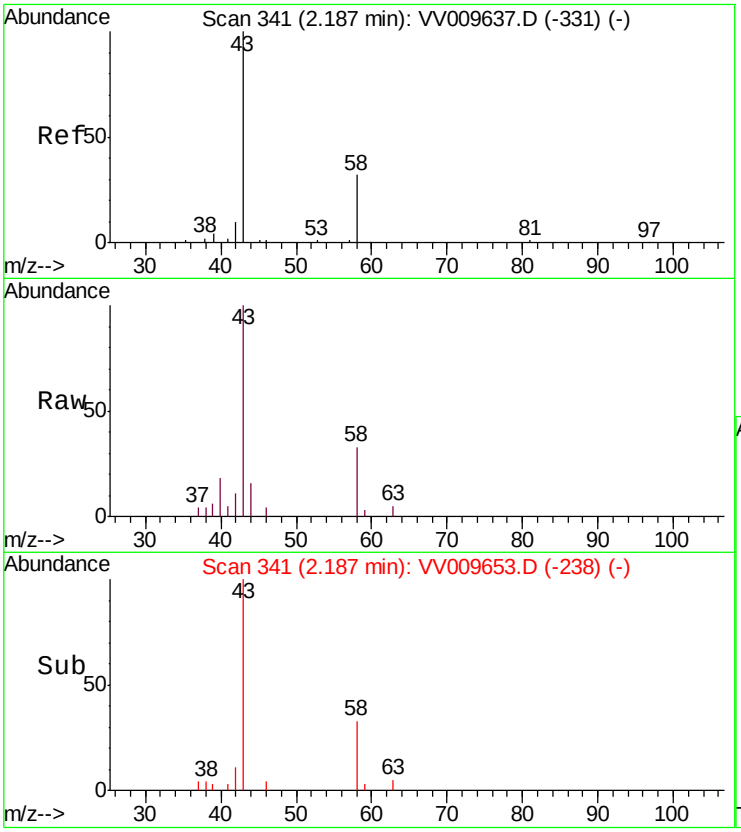
Quantitation Report (Not Reviewed)

Data File : VV009653.D
Acq On : 13 Mar 2019 23:08
Operator : SY/MD
Sample : K1794-16
Misc : 4.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5P3

Quant Time: Mar 14 07:42:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration



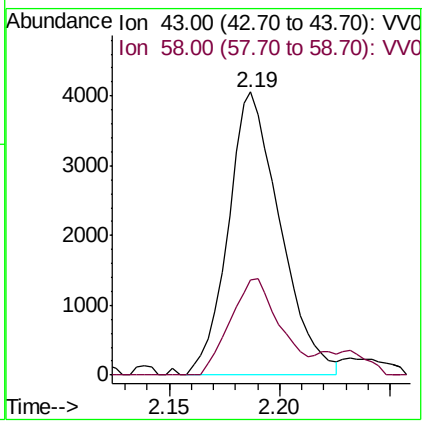


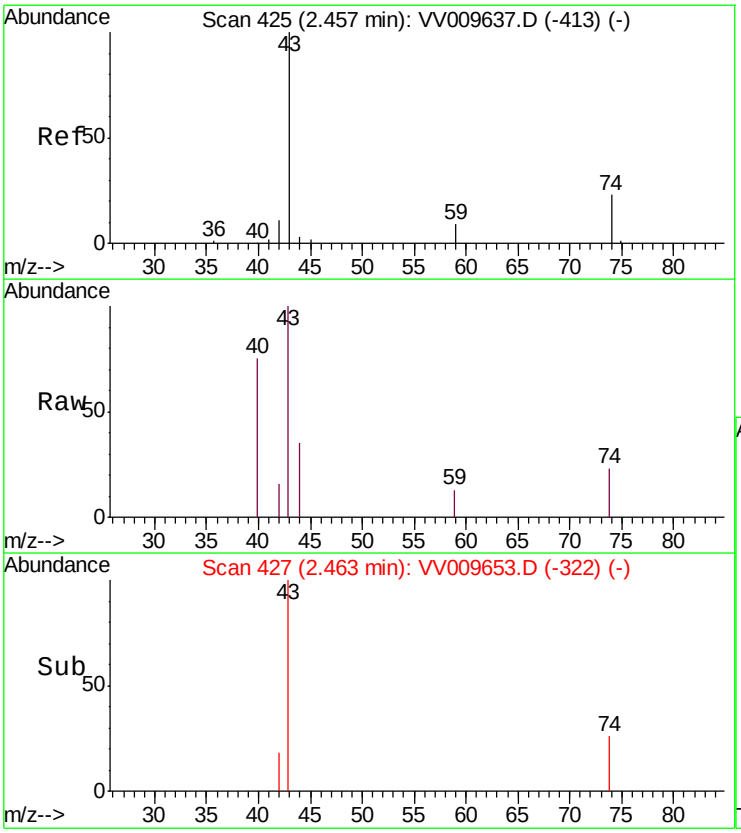
#13
Acetone
Concen: 20.194 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV009653.D
Acq: 13 Mar 2019 23:08

Instrument :
MSVOA_V
ClientSampleId :
BF5P3

Tgt Ion: 43 Resp: 6641

Ion	Ratio	Lower	Upper
43	100		
58	32.5	0.0	64.8

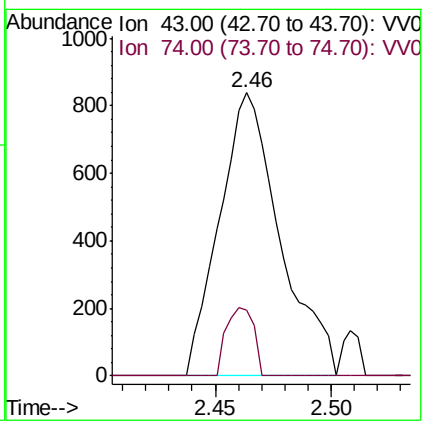


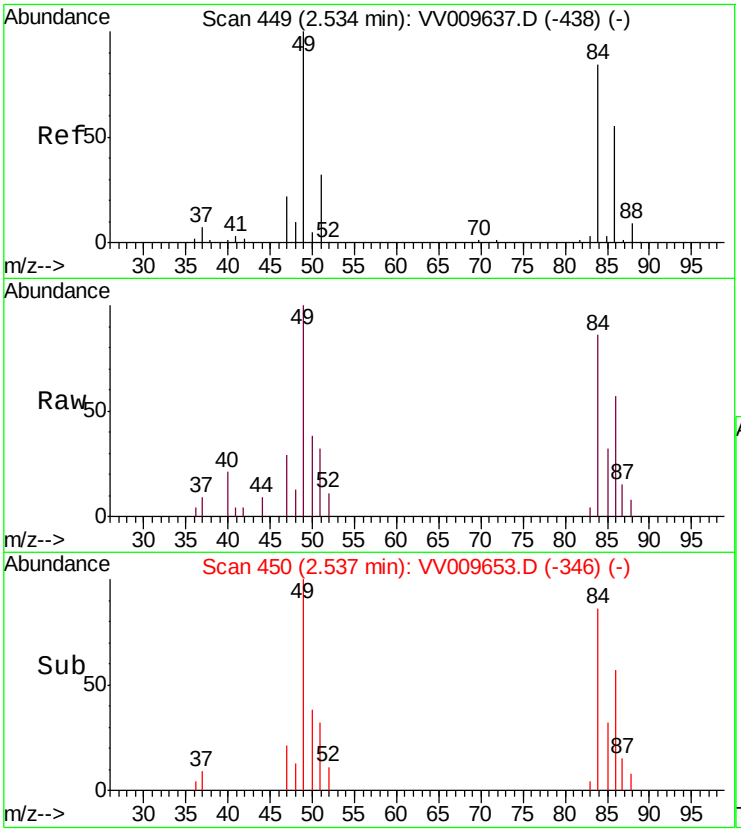


#15
Methyl Acetate
Concen: 3.174 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.01 min
Lab File: VV009653.D
Acq: 13 Mar 2019 23:08

Tgt Ion: 43 Resp: 1523

Ion	Ratio	Lower	Upper
43	100		
74	10.7	19.8	29.6#



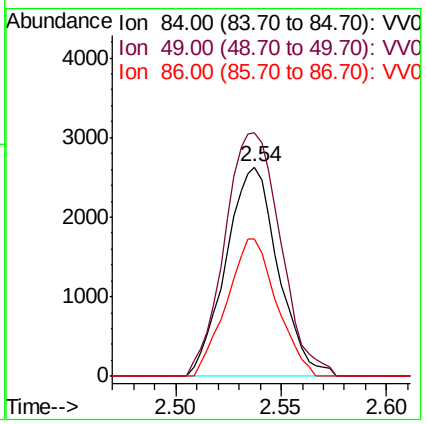


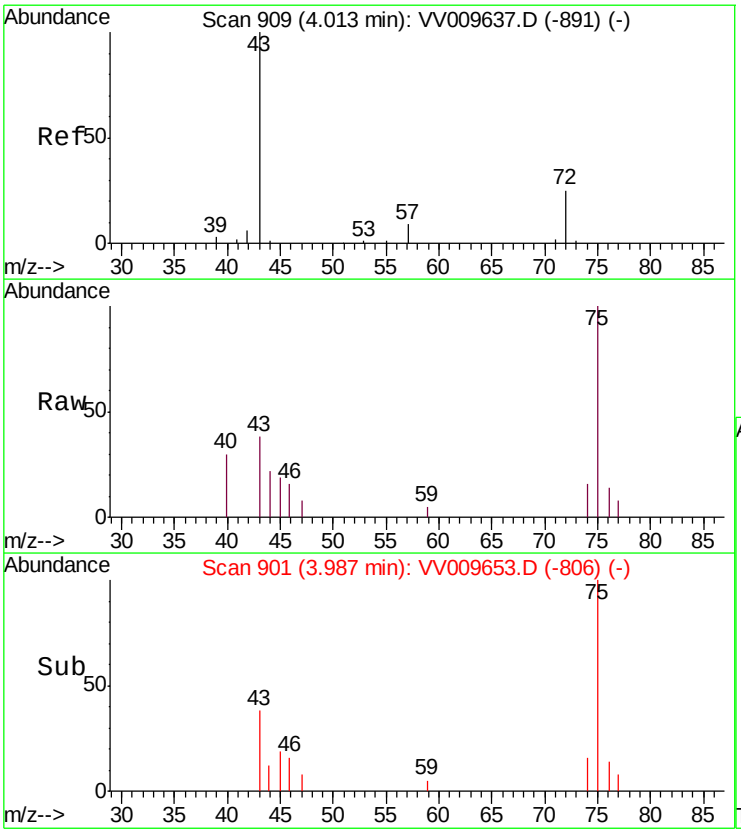
#16
Methylene chloride
Concen: 3.822 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009653.D
Acq: 13 Mar 2019 23:08

Instrument :
MSVOA_V
ClientSampleId :
BF5P3

Tgt Ion: 84 Resp: 4532

Ion	Ratio	Lower	Upper
84	100		
49	116.3	86.1	159.9
86	65.9	45.2	84.0

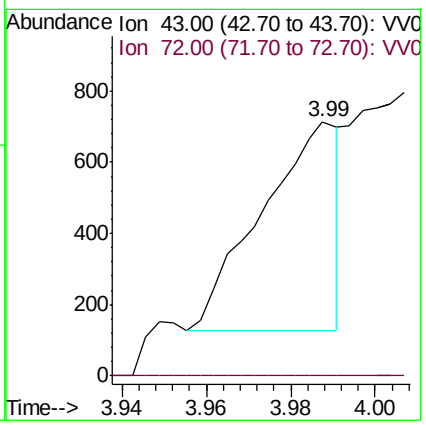


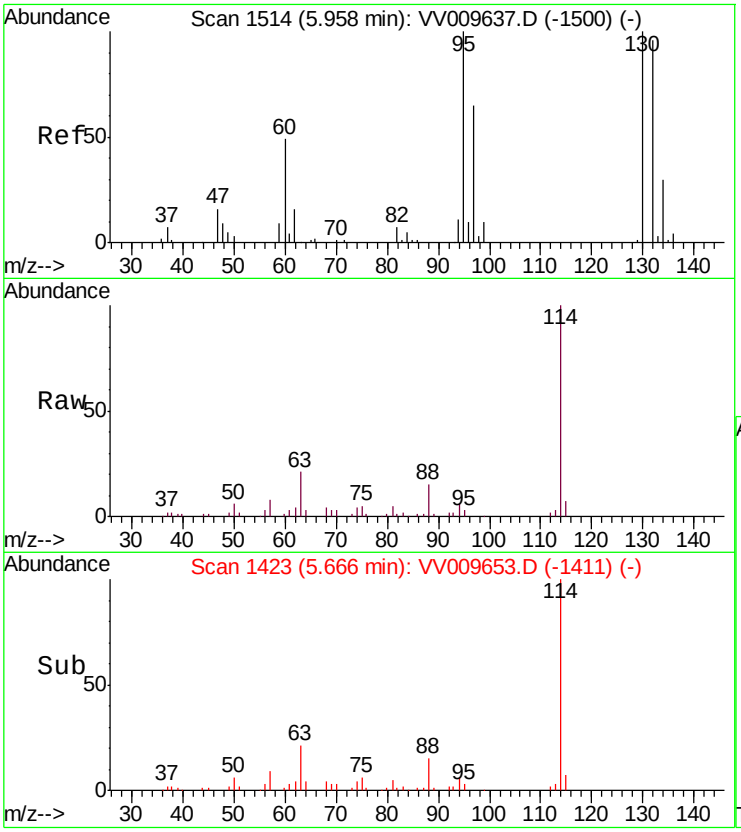


#21
2-Butanone
Concen: 1.830 ug/L
RT: 3.99 min Scan# 901
Delta R.T. -0.03 min
Lab File: VV009653.D
Acq: 13 Mar 2019 23:08

Tgt Ion: 43 Resp: 743

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.5	43.5#



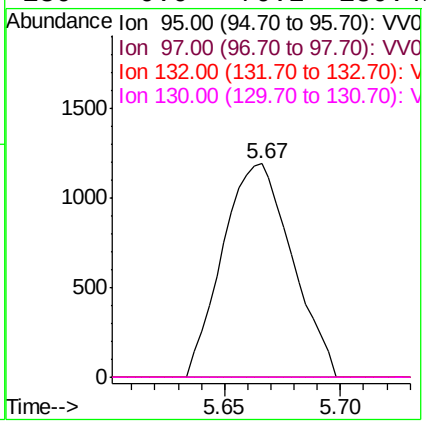


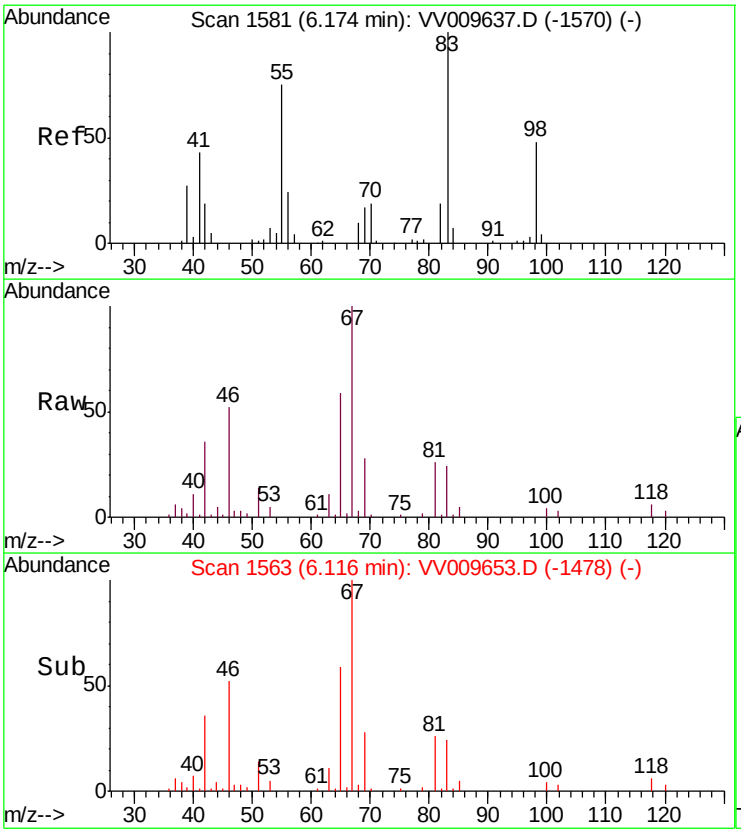
#35
Trichloroethene
Concen: 2.323 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV009653.D
Acq: 13 Mar 2019 23:08

Instrument : MSVOA_V
ClientSampleId : BF5P3

Tgt Ion: 95 Resp: 2474

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.9	83.5#
132	0.0	66.4	123.2#
130	0.0	70.2	130.4#

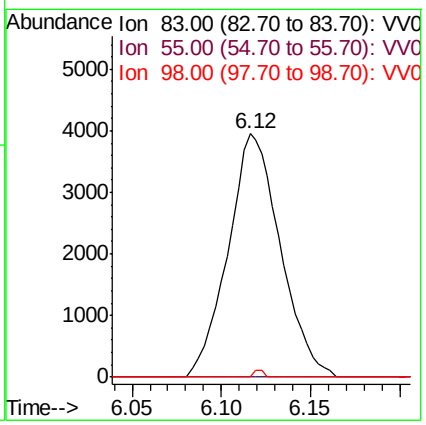


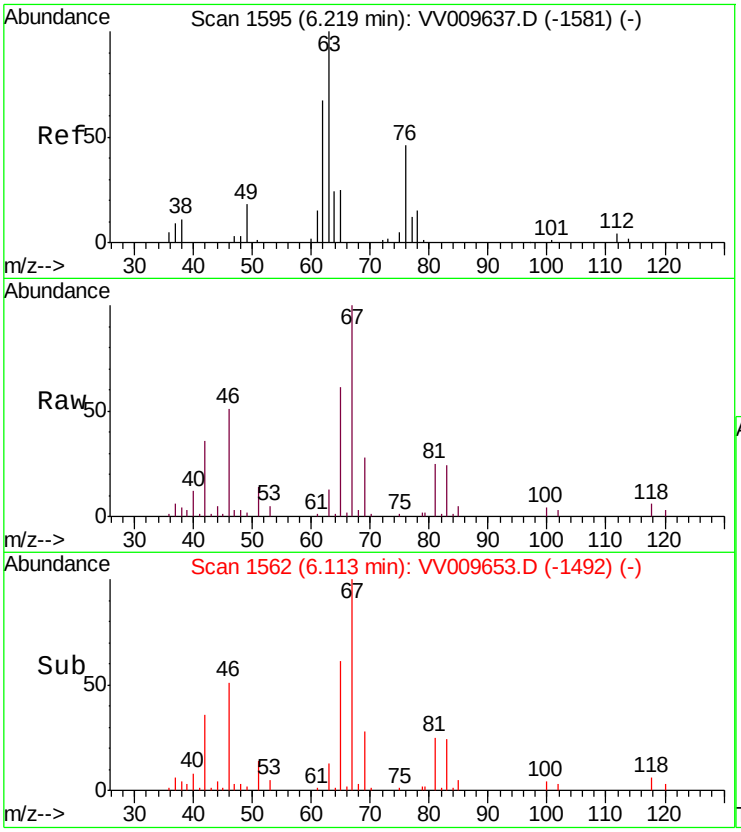


#36
Methylcyclohexane
Concen: 4.557 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009653.D
Acq: 13 Mar 2019 23:08

Tgt Ion: 83 Resp: 8061

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.4	86.0#
98	0.5	37.1	55.7#



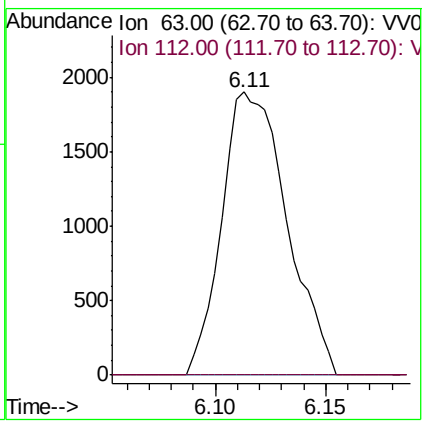


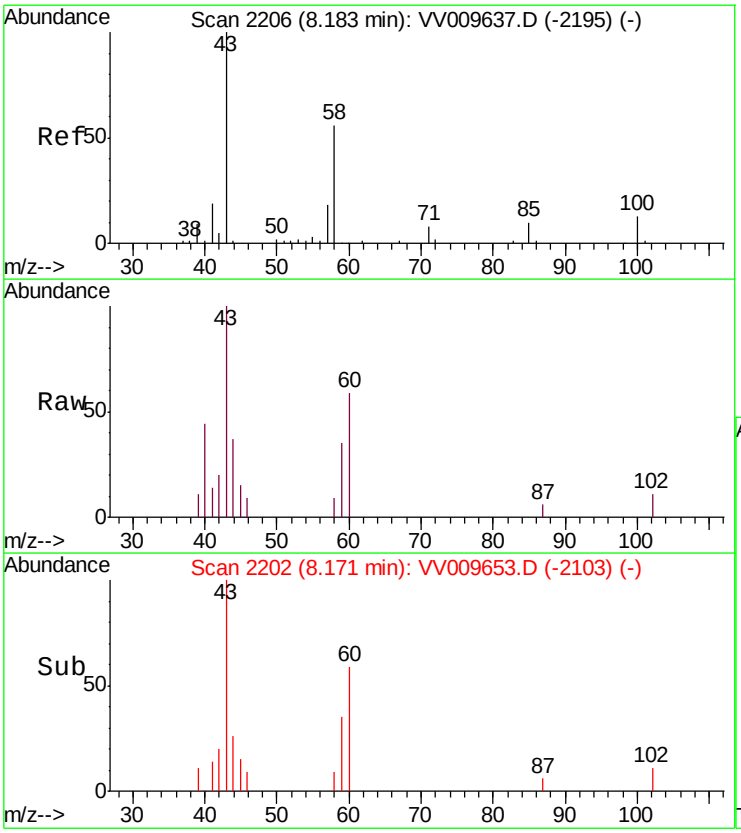
#40
1,2-Dichloropropane
Concen: 4.181 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV009653.D
Acq: 13 Mar 2019 23:08

Instrument : MSVOA_V
ClientSampleId : BF5P3

Tgt Ion: 63 Resp: 3897

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

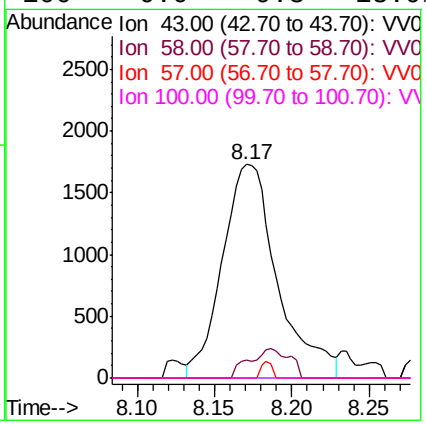


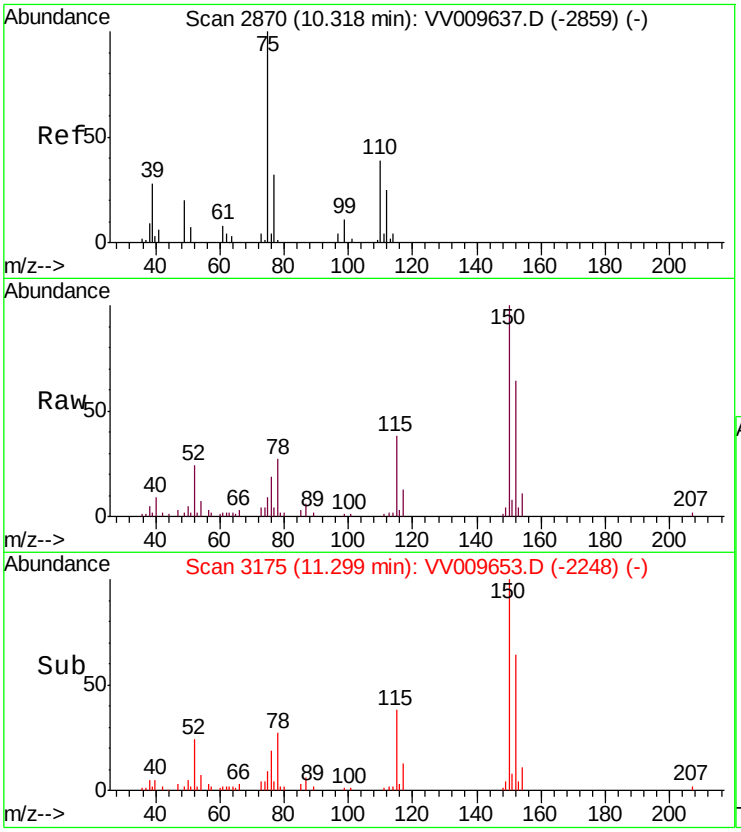


#49
2-Hexanone
Concen: 8.975 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. -0.01 min
Lab File: VV009653.D
Acq: 13 Mar 2019 23:08

Tgt Ion: 43 Resp: 4296

Ion	Ratio	Lower	Upper
43	100		
58	2.3	44.9	67.3#
57	0.0	14.5	21.7#
100	0.0	9.3	13.9#





#59
1,2,3-Trichloropropane
Concen: 4.071 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009653.D
Acq: 13 Mar 2019 23:08

Instrument :
MSVOA_V
ClientSampleId :
BF5P3

Tgt Ion: 75 Resp: 2951

Ion	Ratio	Lower	Upper
75	100		
77	44.6	25.3	37.9#