Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\

Quantitation Report (Not Reviewed)

Data File : VV011045.D
Acq On : 24 May 2019 01:47
Operator : SY/MD
Sample : K3016-13
Misc : 6.36G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0

Quant Time: May 24 09:06:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 09:03:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	77010	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	65241	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	16967	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	16156	18.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.60%			
7) Chloroethane-d5	1.56	69	12632	21.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.00%			
10) 1,1-Dichloroethene-d2	2.12	63	24239	14.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.44%			
20) 2-Butanone-d5	3.93	46	34190	112.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 225.72%#			
24) Chloroform-d	4.40	84	53044	26.59	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.36%			
26) 1,2-Dichloroethane-d4	5.08	65	32601	27.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.92%			
29) Benzene-d6	5.09	84	95963	26.94	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.76%			
33) 1,2-Dichloropropane-d6	6.11	67	35345	31.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 124.92%#			
37) Toluene-d8	7.36	98	70891	21.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.64%			
38) trans-1,3-Dichloropropene-	7.66	79	11636	25.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.16%			
39) 2-Hexanone-d5	8.13	63	26406	125.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 250.20%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	38038	33.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 134.68%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	15783	22.91	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.64%			

Target Compounds						Qvalue
6) Bromomethane	1.51	94	319	0.885	ug/L	69
13) Acetone	2.19	43	19133	65.493	ug/L	96
15) Methyl Acetate	2.46	43	23243	41.409	ug/L	100
21) 2-Butanone	4.03	43	2555	6.391	ug/L	87
35) Trichloroethene	5.66	95	2553	2.457	ug/L #	5
36) Methylcyclohexane	6.12	83	8032	5.228	ug/L #	33
40) 1,2-Dichloropropane	6.12	63	3797	3.842	ug/L #	86
42) cis-1,3-Dichloropropene	7.03	75	773	0.525	ug/L #	74

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\

Quantitation Report (Not Reviewed)

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Operator : SY/MD
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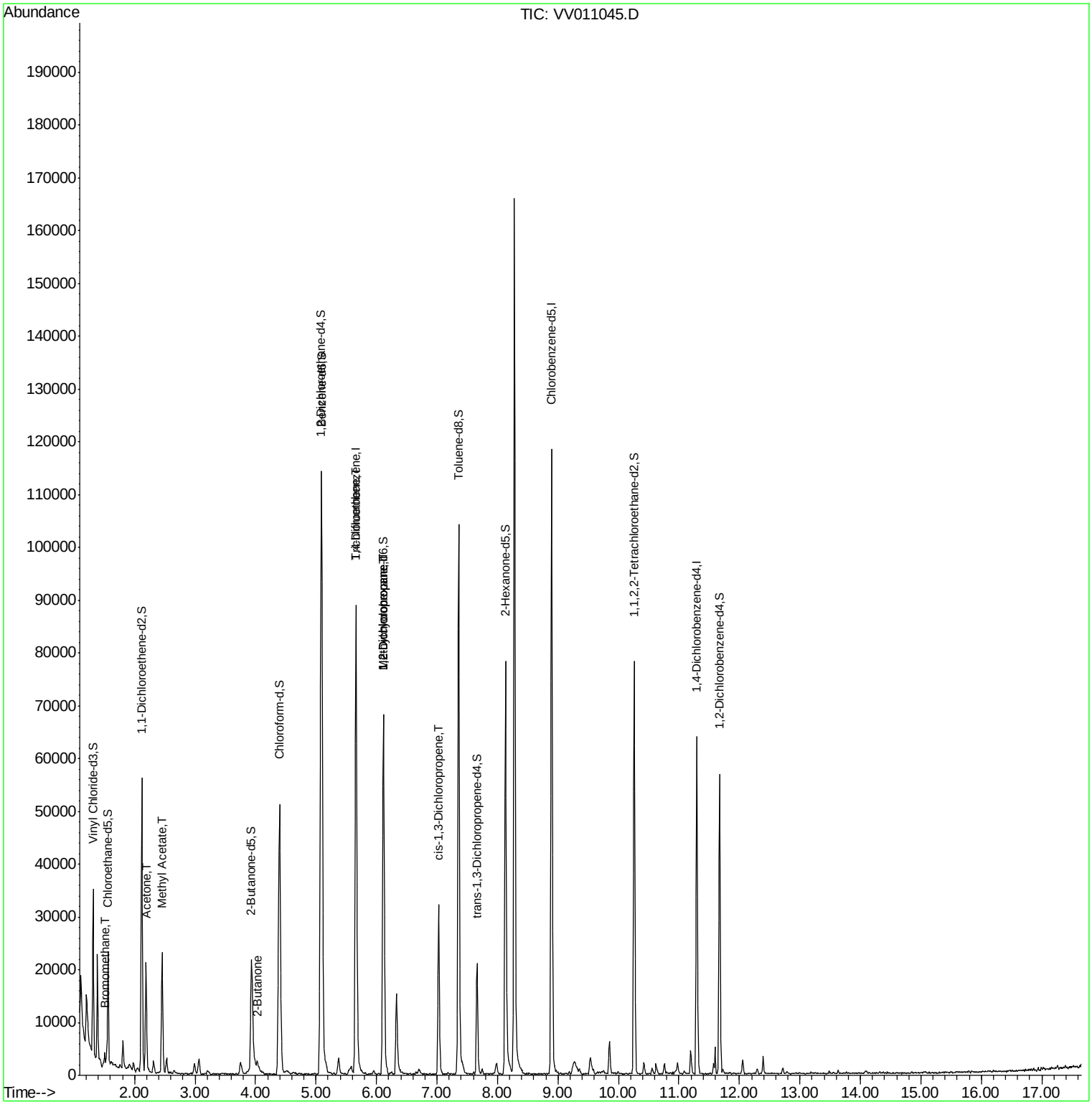
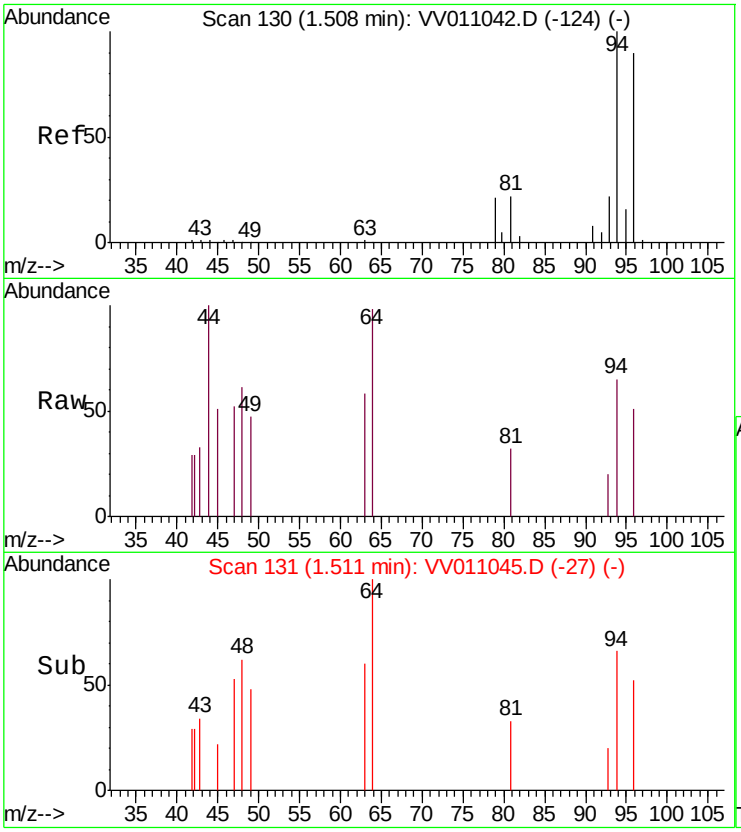
Misc : 6.36G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0

Quant Time: May 24 09:06:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 09:03:49 2019
Response via : Initial Calibration



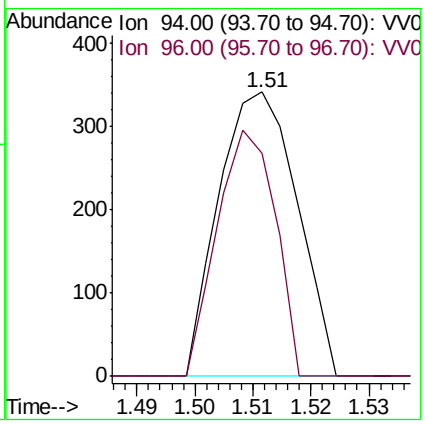


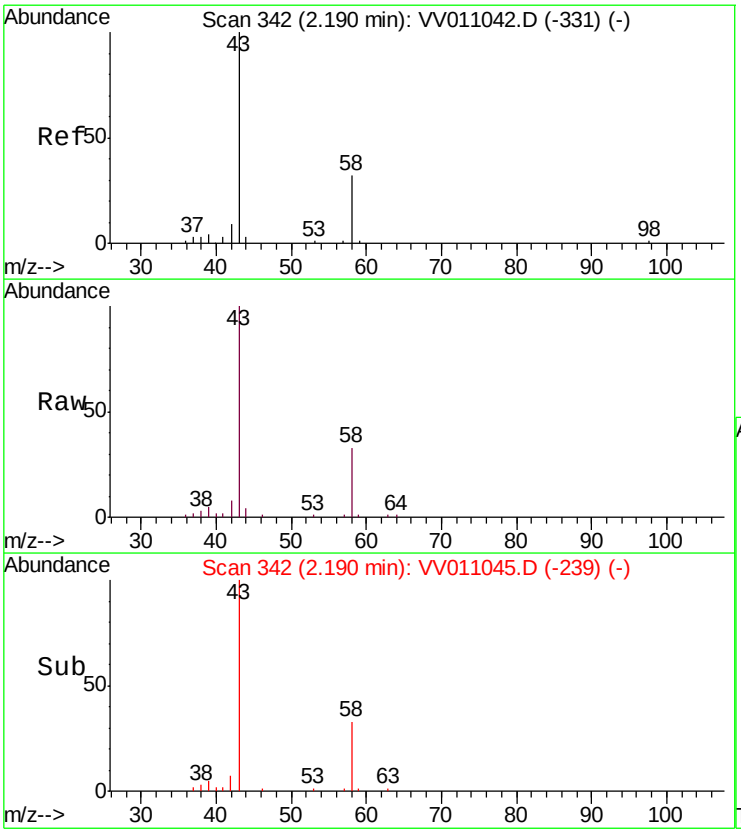
#6
Bromomethane
Concen: 0.885 ug/L
RT: 1.51 min Scan# 131
Delta R.T. 0.00 min
Lab File: VV011045.D
Acq: 24 May 2019 01:47

Instrument :
MSVOA_V
ClientSampleId :
A51D0

Tgt Ion: 94 Resp: 319

Ion	Ratio	Lower	Upper
94	100		
96	63.9	9.3	177.7

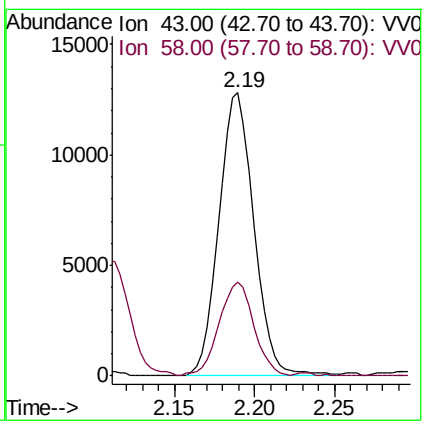


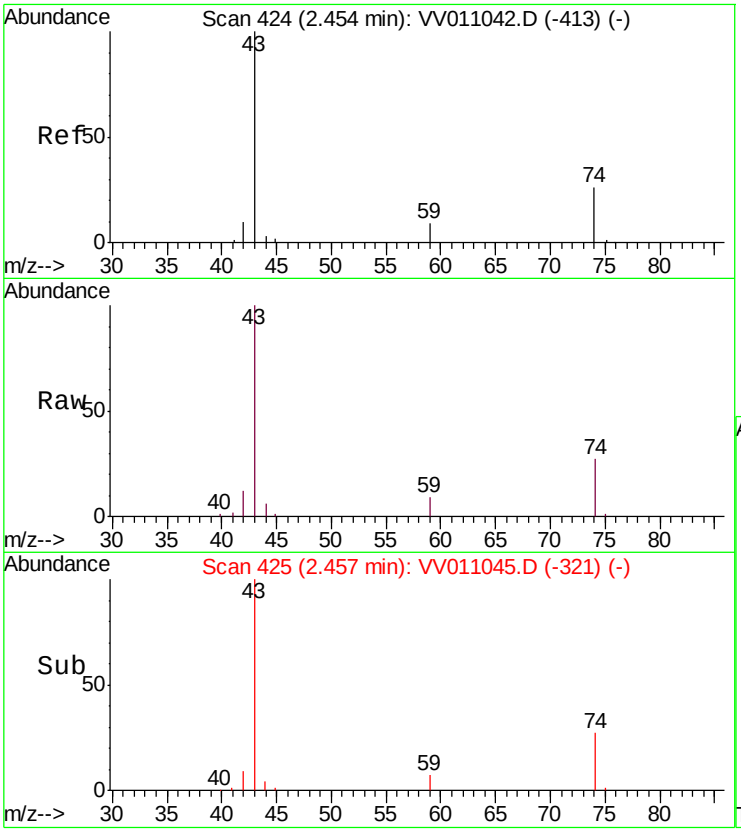


#13
Acetone
Concen: 65.493 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.00 min
Lab File: VV011045.D
Acq: 24 May 2019 01:47

Tgt Ion: 43 Resp: 19133

Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	60.8



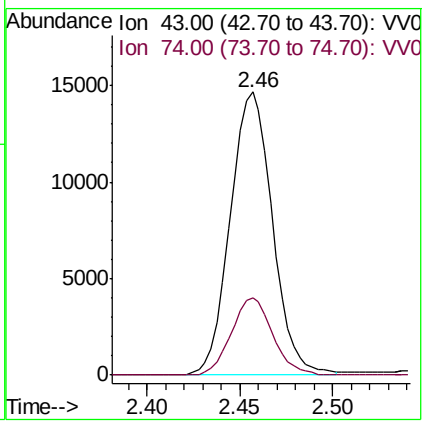


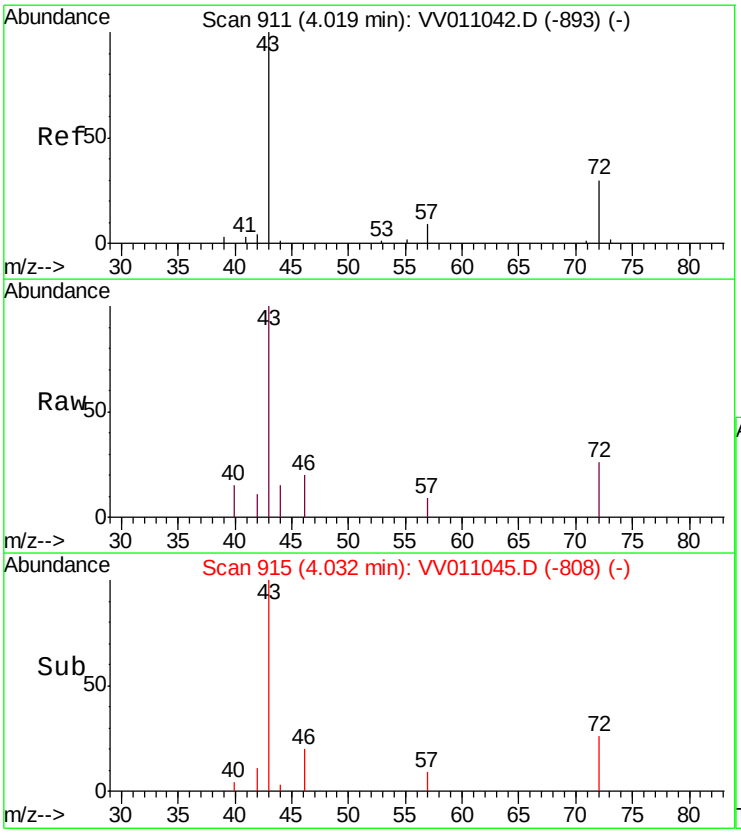
#15
Methyl Acetate
Concen: 41.409 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.00 min
Lab File: VV011045.D
Acq: 24 May 2019 01:47

Instrument : MSVOA_V
ClientSampleId : A51D0

Tgt Ion: 43 Resp: 23243

Ion	Ratio	Lower	Upper
43	100		
74	26.6	21.1	31.7

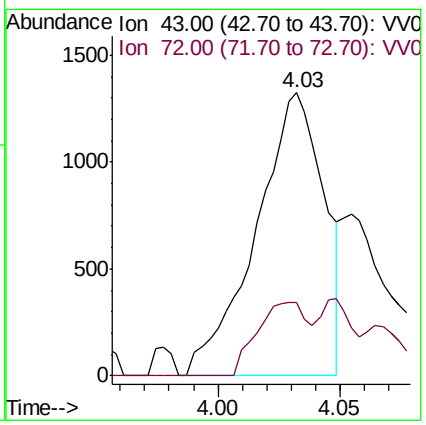


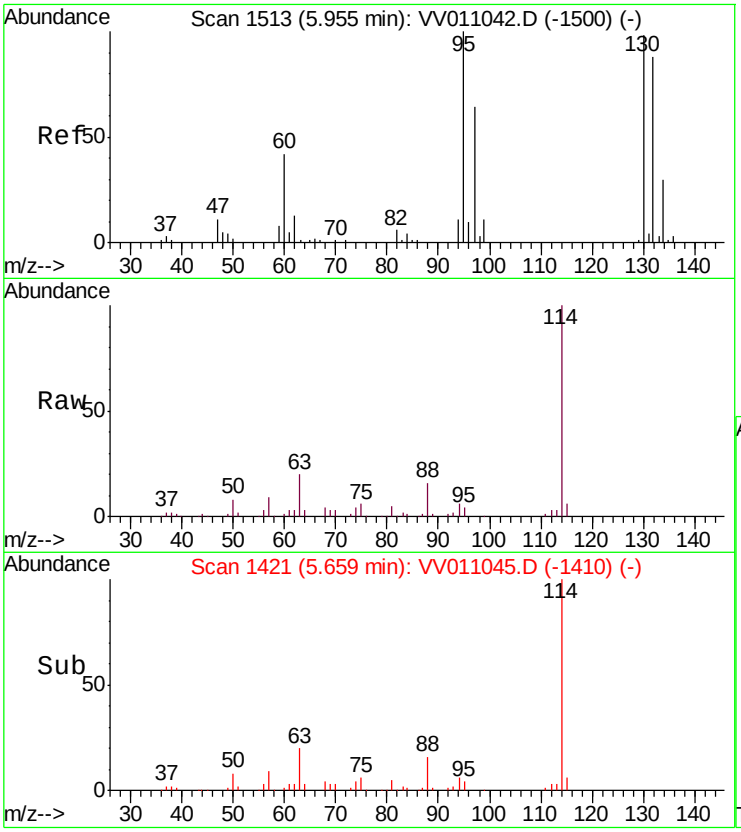


#21
2-Butanone
Concen: 6.391 ug/L
RT: 4.03 min Scan# 915
Delta R.T. 0.01 min
Lab File: VV011045.D
Acq: 24 May 2019 01:47

Tgt Ion: 43 Resp: 2555

Ion	Ratio	Lower	Upper
43	100		
72	19.6	13.1	39.3



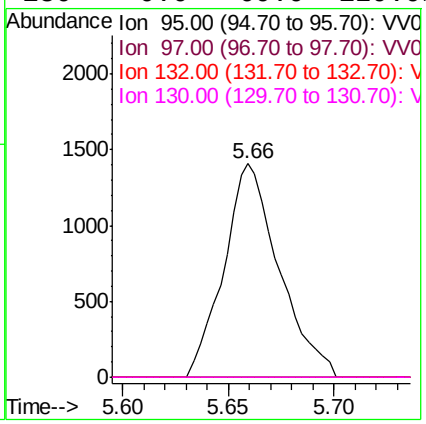


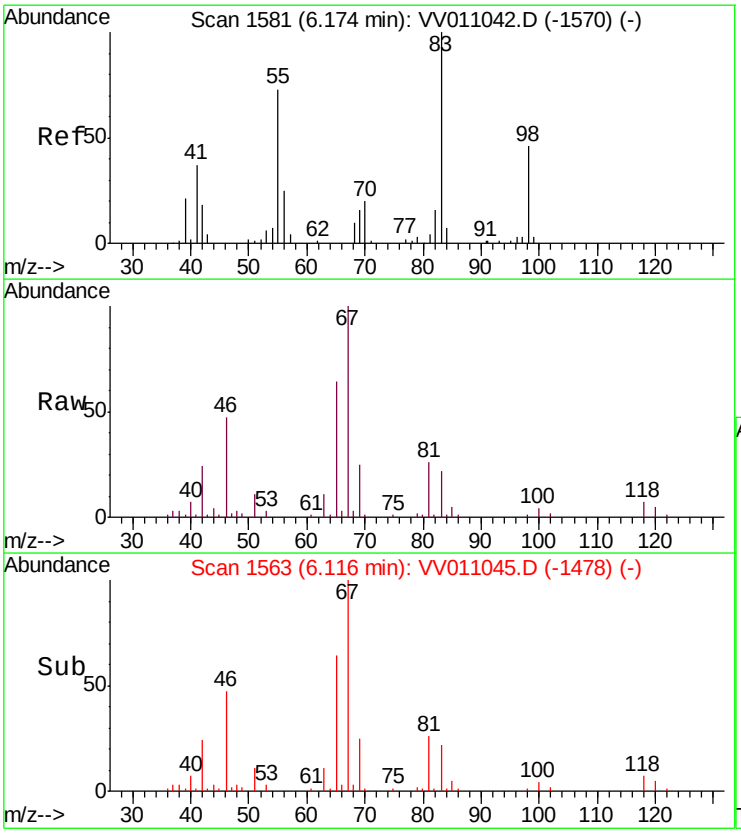
#35
Trichloroethene
Concen: 2.457 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV011045.D
Acq: 24 May 2019 01:47

Instrument : MSVOA_V
ClientSampleId : A51D0

Tgt Ion: 95 Resp: 2553

Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.4	80.6#
132	0.0	68.8	127.8#
130	0.0	69.9	129.9#

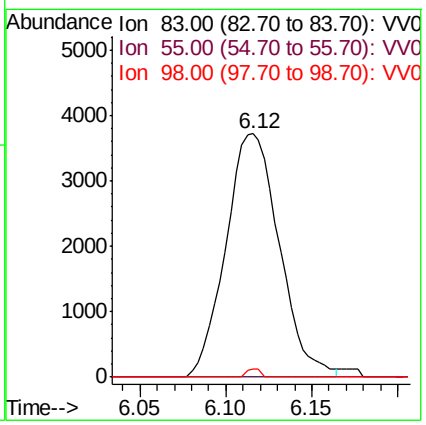


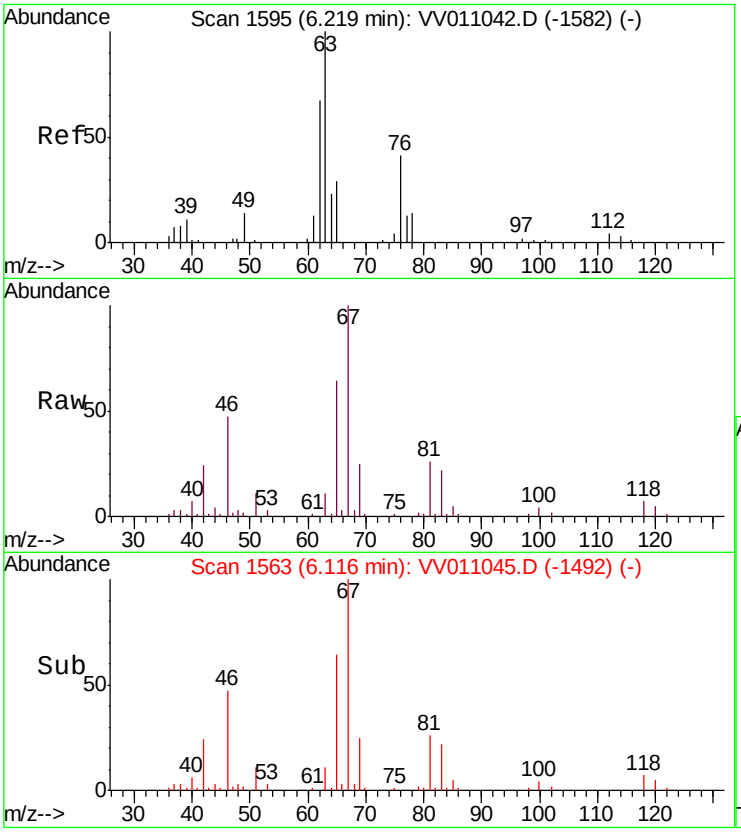


#36
Methylcyclohexane
Concen: 5.228 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011045.D
Acq: 24 May 2019 01:47

Tgt Ion: 83 Resp: 8032

Ion	Ratio	Lower	Upper
83	100		
55	16.5	57.0	85.4#
98	0.8	36.2	54.4#



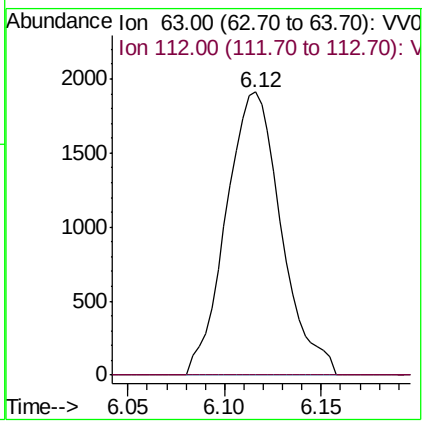


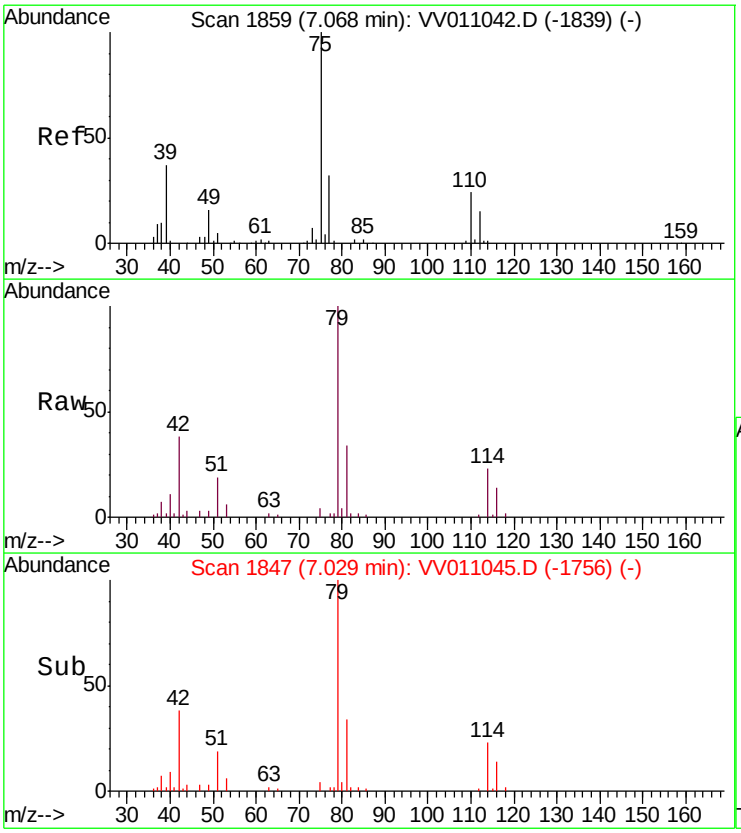
#40
1,2-Dichloropropane
Concen: 3.842 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011045.D
Acq: 24 May 2019 01:47

Instrument :
MSVOA_V
ClientSampleId :
A51D0

Tgt Ion: 63 Resp: 3797

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#





#42
cis-1,3-Dichloropropene
Concen: 0.525 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011045.D
Acq: 24 May 2019 01:47

Tgt Ion: 75 Resp: 773

Ion	Ratio	Lower	Upper
75	100		
77	47.4	22.9	42.5#