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

Quantitation Report (Not Reviewed)

Data File : VV011035.D
Acq On : 23 May 2019 18:57
Operator : SY/MD
Sample : K3016-02
Misc : 5.53G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C1

Quant Time: May 24 08:20:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	68542	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	66125	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	20824	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	12436	15.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.68%			
7) Chloroethane-d5	1.57	69	10122	19.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.52%			
10) 1,1-Dichloroethene-d2	2.12	63	18893	12.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 50.28%			
20) 2-Butanone-d5	3.94	46	22276	82.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 165.24%#			
24) Chloroform-d	4.40	84	40672	22.91	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.64%			
26) 1,2-Dichloroethane-d4	5.08	65	25133	24.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.08%			
29) Benzene-d6	5.10	84	73536	20.37	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.48%			
33) 1,2-Dichloropropane-d6	6.12	67	26846	23.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.60%			
37) Toluene-d8	7.36	98	58470	17.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 69.68%			
38) trans-1,3-Dichloropropene-	7.66	79	9679	20.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.20%			
39) 2-Hexanone-d5	8.13	63	17584	82.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 164.38%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	33526	29.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 117.12%			
61) 1,2-Dichlorobenzene-d4	11.67	152	17507	20.71	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.84%			
Target Compounds						Qvalue
6) Bromomethane	1.51	94	311	0.969	ug/L	83
13) Acetone	2.19	43	9206	35.406	ug/L	90
15) Methyl Acetate	2.46	43	3888	7.783	ug/L #	88
21) 2-Butanone	4.04	43	821	2.307	ug/L #	66
35) Trichloroethene	5.66	95	2160	2.051	ug/L #	5
36) Methylcyclohexane	6.12	83	6371	4.092	ug/L #	21
40) 1,2-Dichloropropane	6.11	63	2679	2.674	ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	2580	3.125	ug/L	89

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

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Quantitation Report (Not Reviewed)

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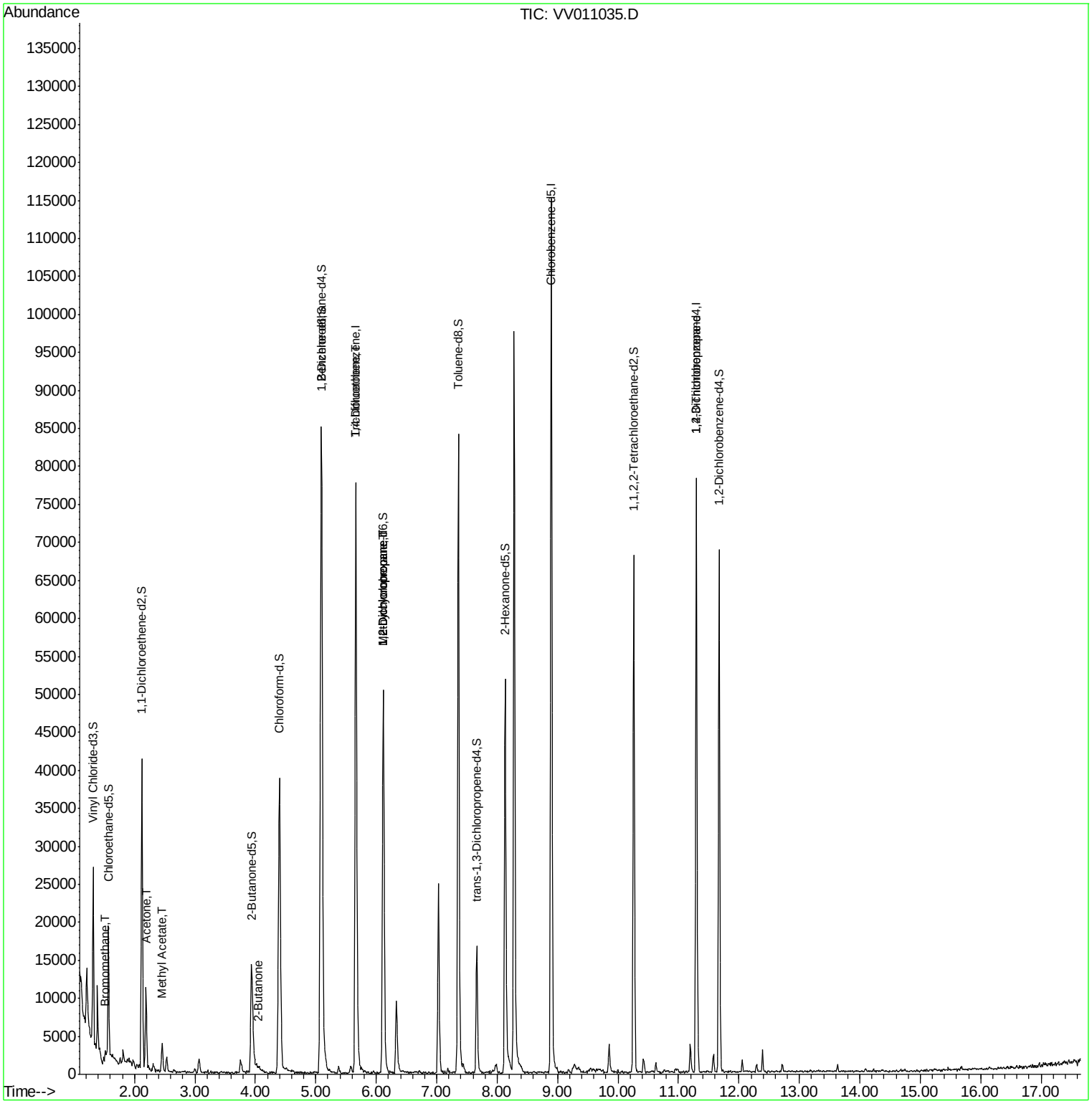
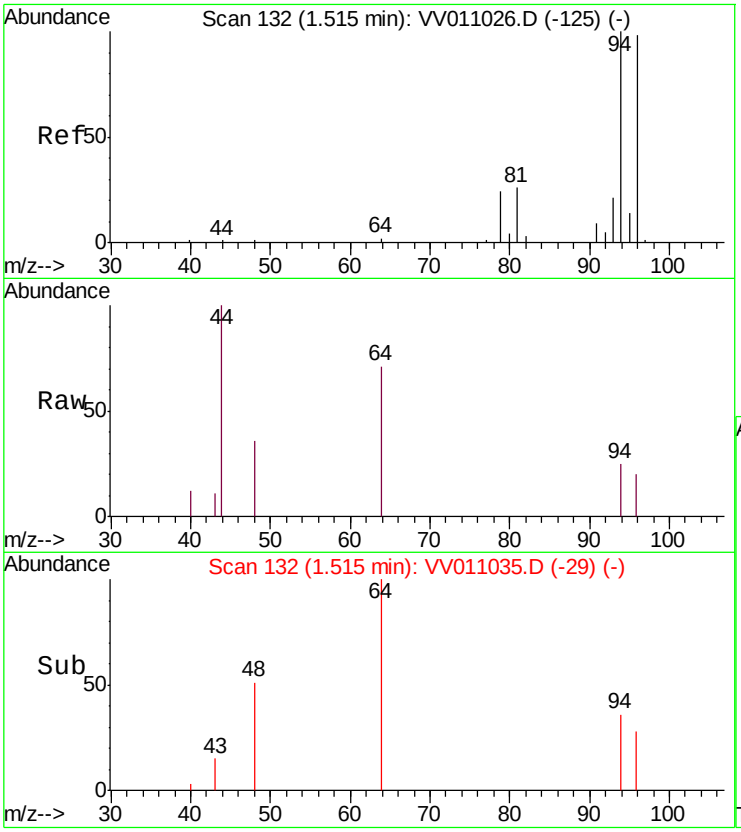
Misc : 5.53G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C1

Quant Time: May 24 08:20:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration



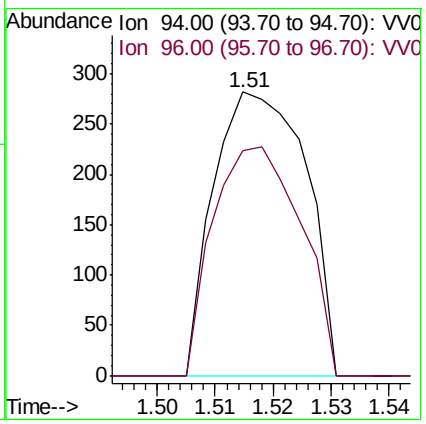


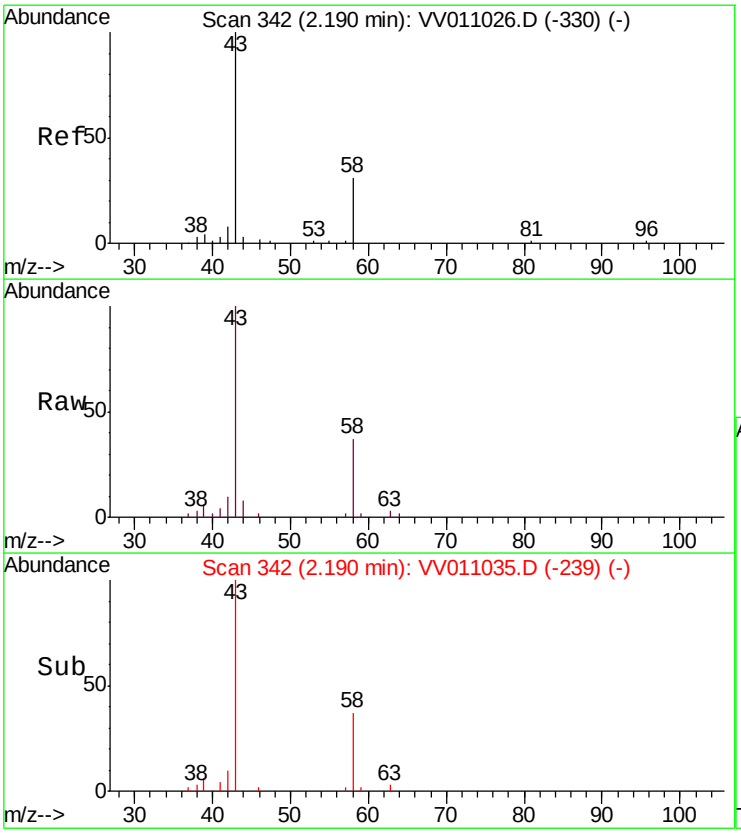
#6
Bromomethane
Concen: 0.969 ug/L
RT: 1.51 min Scan# 132
Delta R.T. 0.00 min
Lab File: VV011035.D
Acq: 23 May 2019 18:57

Instrument :
MSVOA_V
ClientSampleId :
A51C1

Tgt Ion: 94 Resp: 311

Ion	Ratio	Lower	Upper
94	100		
96	76.8	9.3	177.7

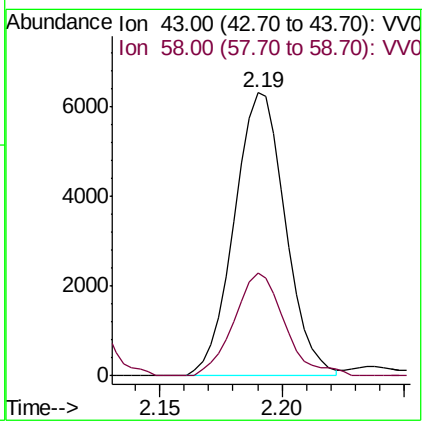


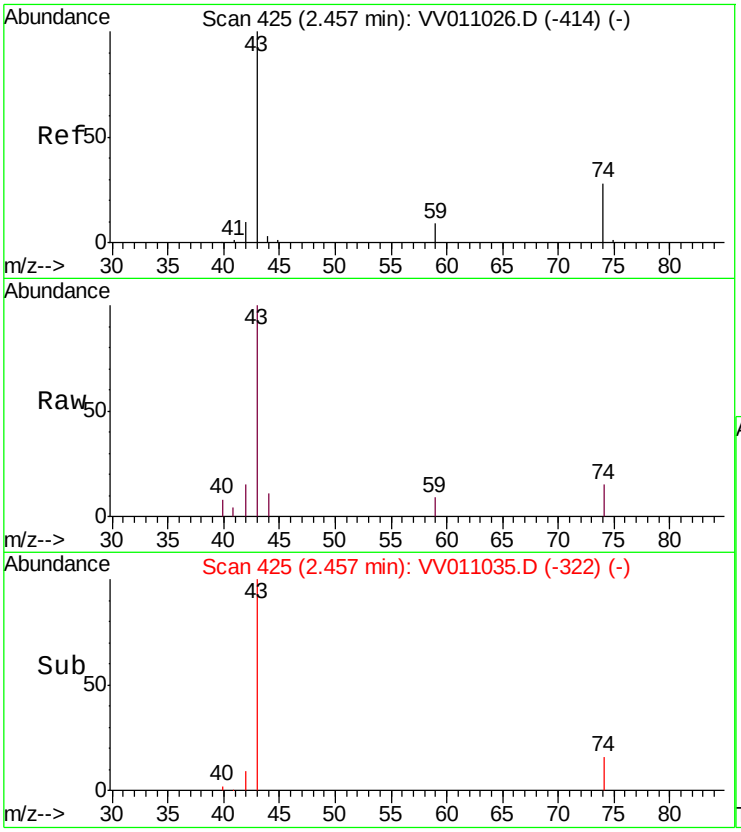


#13
Acetone
Concen: 35.406 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV011035.D
Acq: 23 May 2019 18:57

Tgt Ion: 43 Resp: 9206

Ion	Ratio	Lower	Upper
43	100		
58	36.0	0.0	60.8



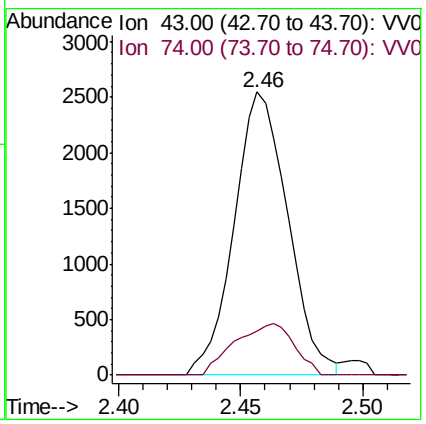


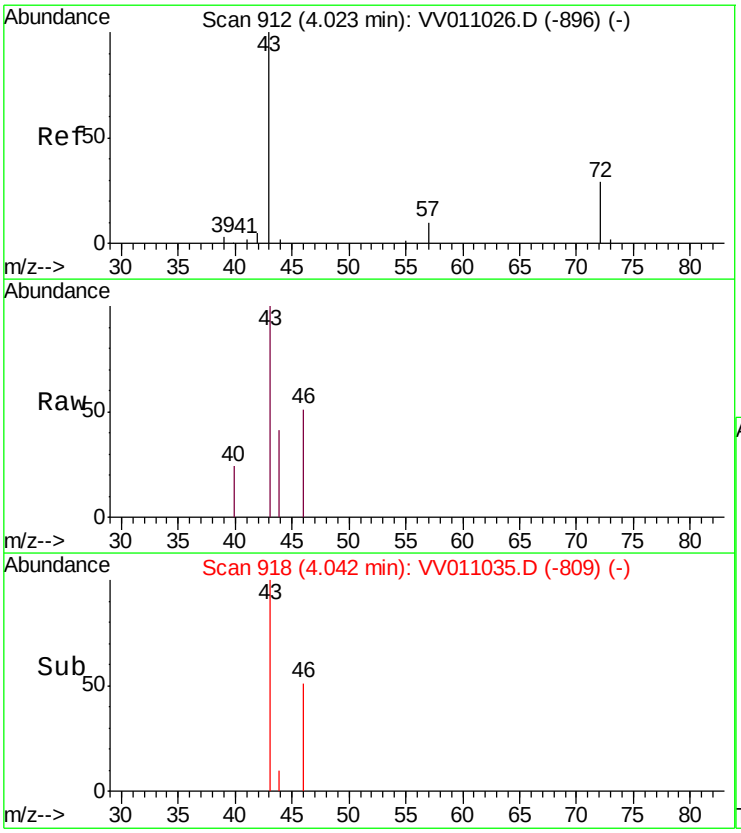
#15
Methyl Acetate
Concen: 7.783 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.00 min
Lab File: VV011035.D
Acq: 23 May 2019 18:57

Instrument : MSVOA_V
ClientSampleId : A51C1

Tgt Ion: 43 Resp: 3888

Ion	Ratio	Lower	Upper
43	100		
74	20.2	21.1	31.7#

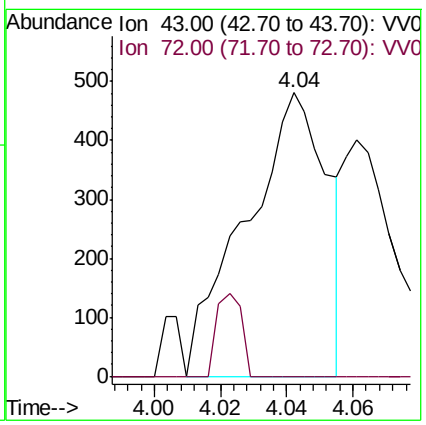


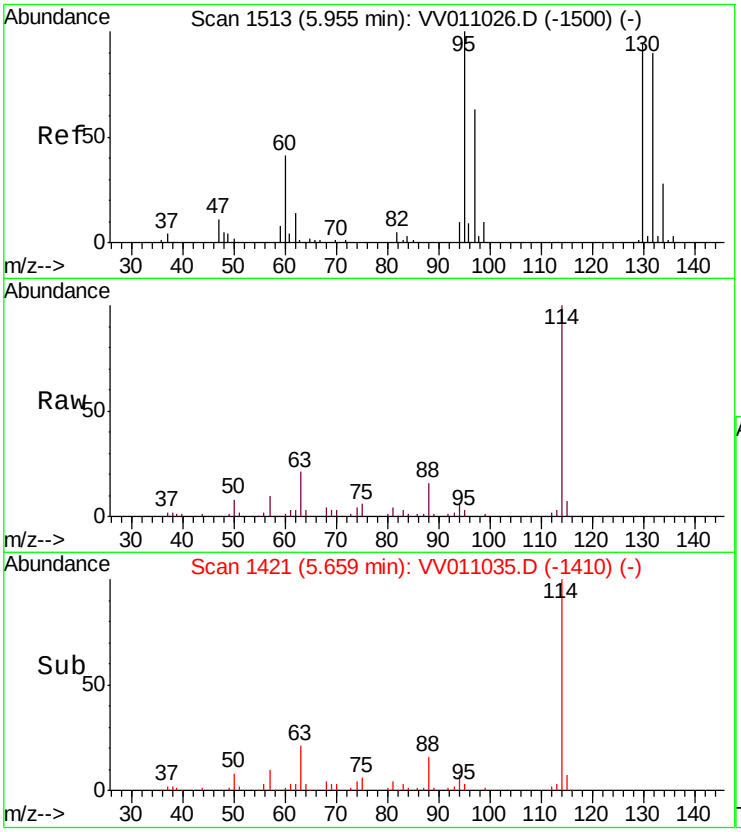


#21
2-Butanone
Concen: 2.307 ug/L
RT: 4.04 min Scan# 918
Delta R.T. 0.02 min
Lab File: VV011035.D
Acq: 23 May 2019 18:57

Tgt Ion: 43 Resp: 821

Ion	Ratio	Lower	Upper
43	100		
72	8.9	13.1	39.3#



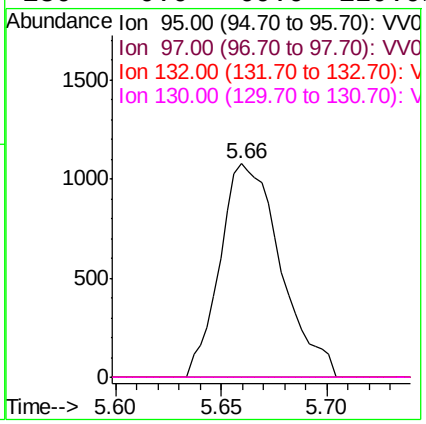


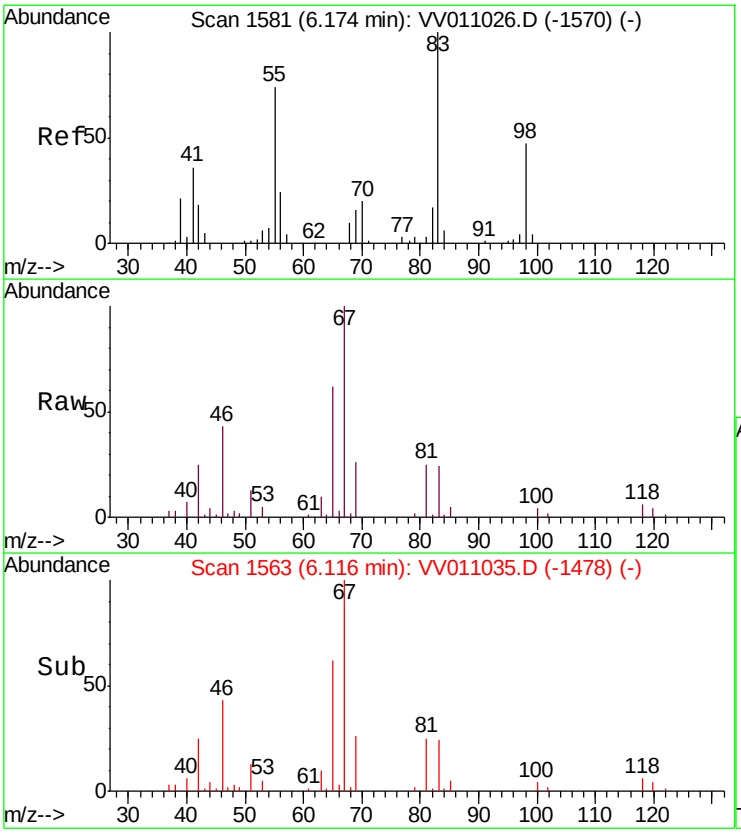
#35
Trichloroethene
Concen: 2.051 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV011035.D
Acq: 23 May 2019 18:57

Instrument : MSVOA_V
ClientSampleId : A51C1

Tgt Ion: 95 Resp: 2160

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#

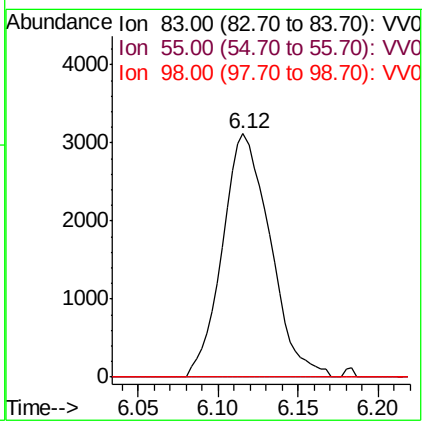


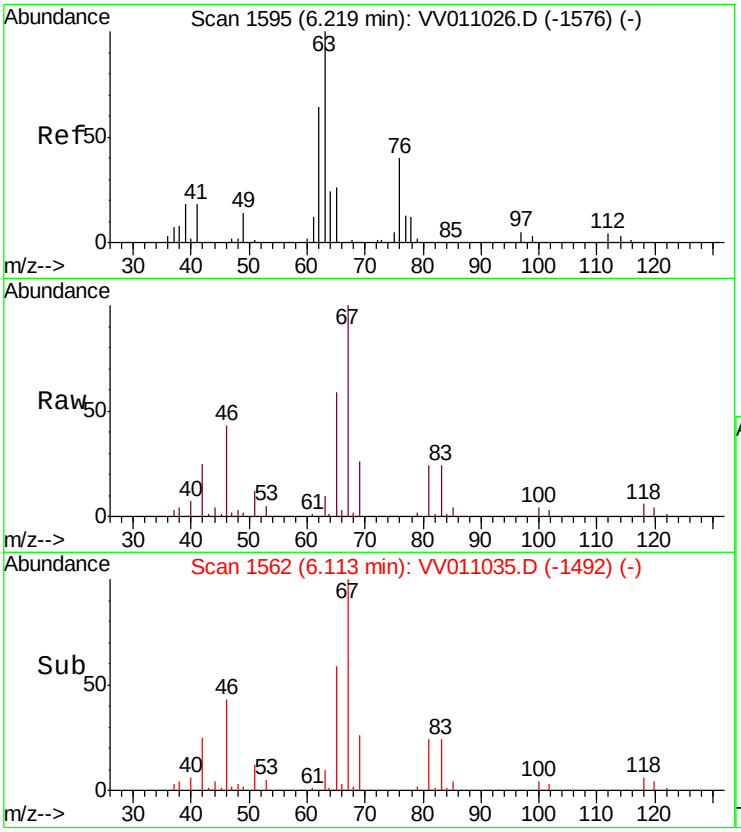


#36
Methylcyclohexane
Concen: 4.092 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011035.D
Acq: 23 May 2019 18:57

Tgt Ion: 83 Resp: 6371

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.0	85.4#
98	0.0	36.2	54.4#



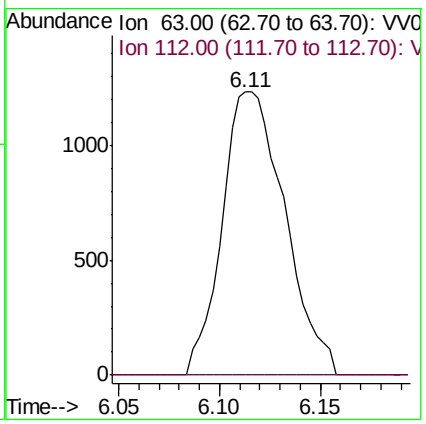


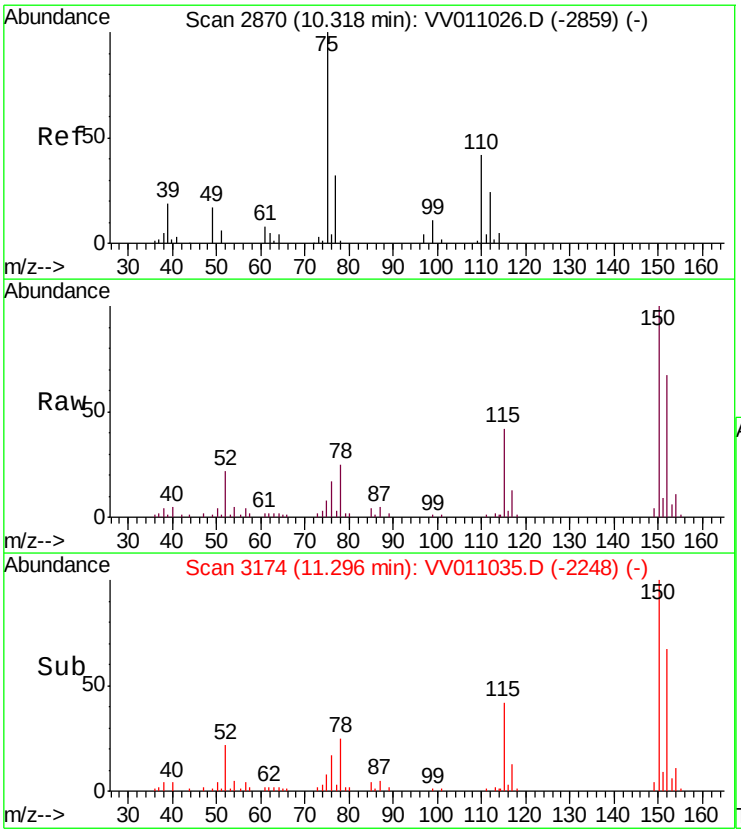
#40
1,2-Dichloropropane
Concen: 2.674 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011035.D
Acq: 23 May 2019 18:57

Instrument :
MSVOA_V
ClientSampleId :
A51C1

Tgt Ion: 63 Resp: 2679

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#





#59
1,2,3-Trichloropropane
Concen: 3.125 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV011035.D
Acq: 23 May 2019 18:57

Tgt Ion: 75 Resp: 2580

Ion	Ratio	Lower	Upper
75	100		
77	38.0	25.4	38.2