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

Quantitation Report (Not Reviewed)

Data File : VV011041.D
Acq On : 23 May 2019 21:45
Operator : SY/MD
Sample : K3016-08
Misc : 5.51G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C7

Quant Time: May 24 08:21:01 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	93828	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	100989	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38877	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	17090	15.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.92%			
7) Chloroethane-d5	1.57	69	13804	19.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.24%			
10) 1,1-Dichloroethene-d2	2.12	63	25736	12.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 50.04%			
20) 2-Butanone-d5	3.94	46	28946	78.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 156.84%#			
24) Chloroform-d	4.40	84	57368	23.60	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	5.08	65	34830	24.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.28%			
29) Benzene-d6	5.09	84	108925	19.76	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 79.04%			
33) 1,2-Dichloropropane-d6	6.12	67	38965	22.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.96%			
37) Toluene-d8	7.36	98	90134	17.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 70.36%			
38) trans-1,3-Dichloropropene-	7.66	79	14300	19.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 79.52%			
39) 2-Hexanone-d5	8.13	63	24163	73.95	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 147.90%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46733	26.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.88%			
61) 1,2-Dichlorobenzene-d4	11.67	152	35619	22.57	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.28%			
Target Compounds						Qvalue
13) Acetone	2.19	43	4817	13.533	ug/L	94
14) Carbon disulfide	2.31	76	4005	1.444	ug/L	99
15) Methyl Acetate	2.46	43	1189	1.739	ug/L	90
35) Trichloroethene	5.66	95	2822	1.754	ug/L #	5
36) Methylcyclohexane	6.12	83	9298	3.910	ug/L #	21
40) 1,2-Dichloropropane	6.11	63	4053	2.649	ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	5131	4.069	ug/L	98

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

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

Quantitation Report (Not Reviewed)

Data File : VV011041.D
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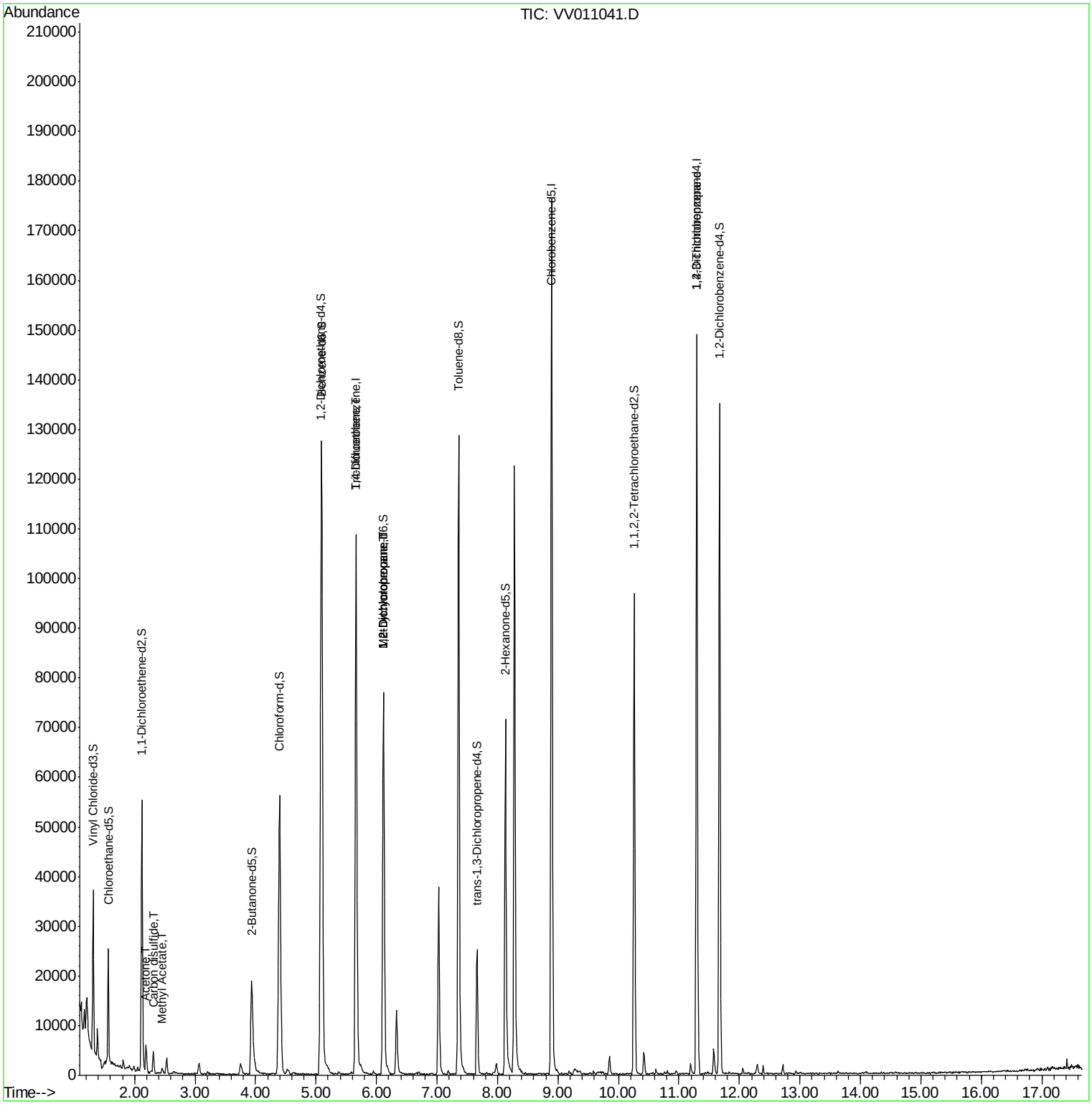
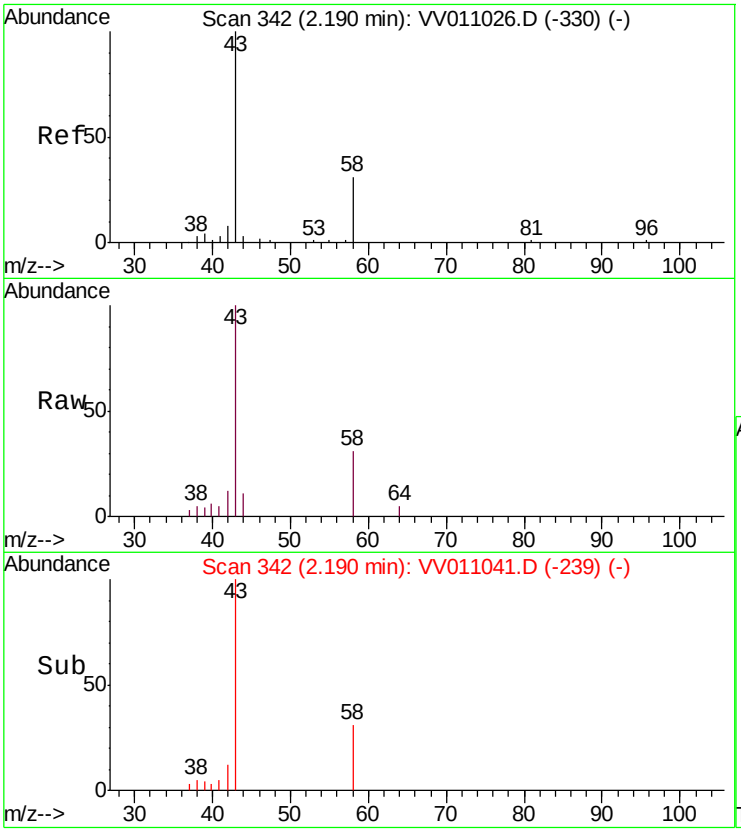
Operator : SY/MD
Sample : K3016-08
Misc : 5.51G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C7

Quant Time: May 24 08:21:01 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



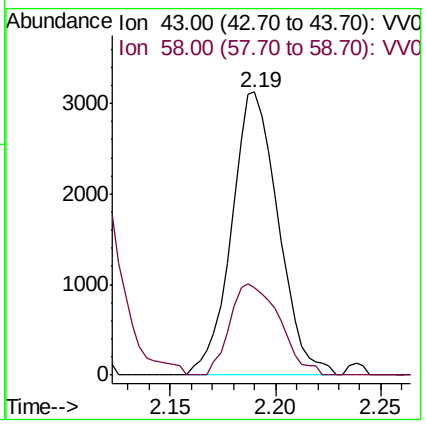


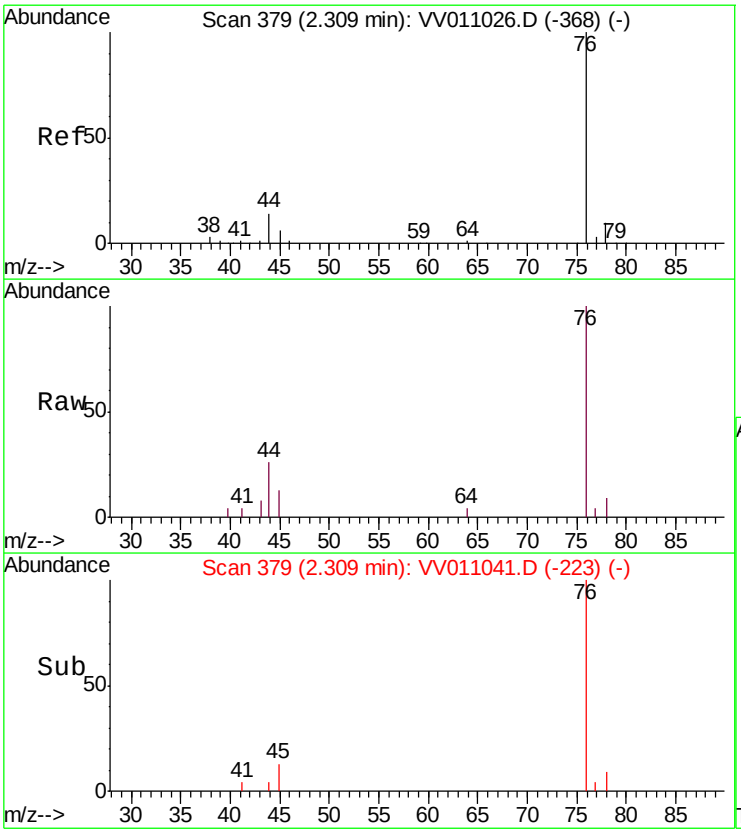
#13
Acetone
Concen: 13.533 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV011041.D
Acq: 23 May 2019 21:45

Instrument :
MSVOA_V
ClientSampleId :
A51C7

Tgt Ion: 43 Resp: 4817

Ion	Ratio	Lower	Upper
43	100		
58	33.8	0.0	60.8

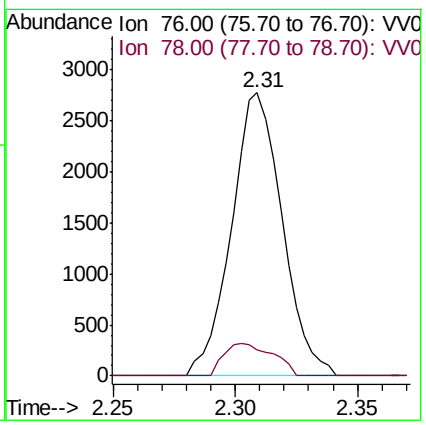


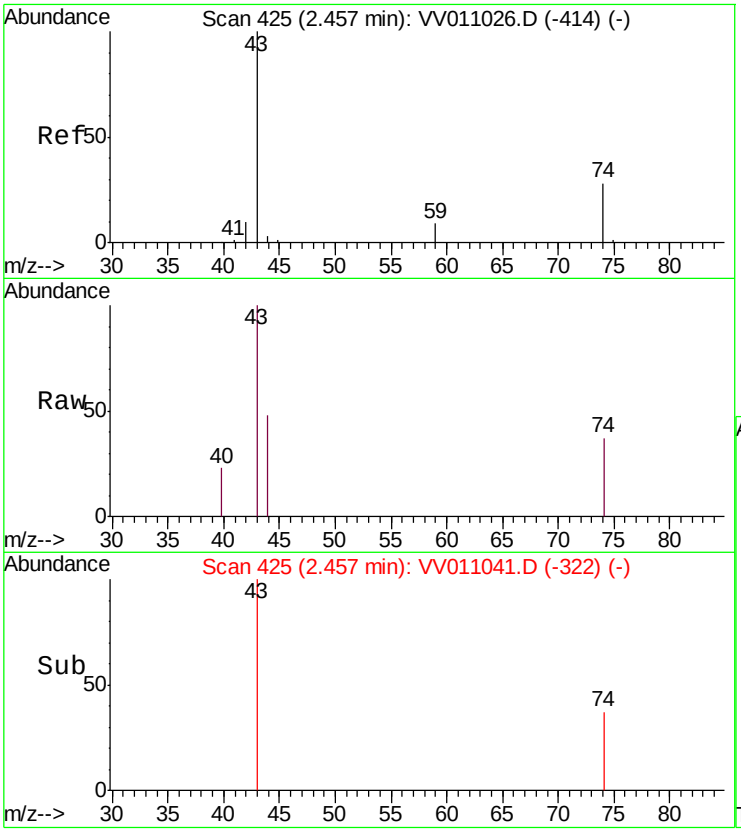


#14
Carbon disulfide
Concen: 1.444 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV011041.D
Acq: 23 May 2019 21:45

Tgt Ion: 76 Resp: 4005

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8



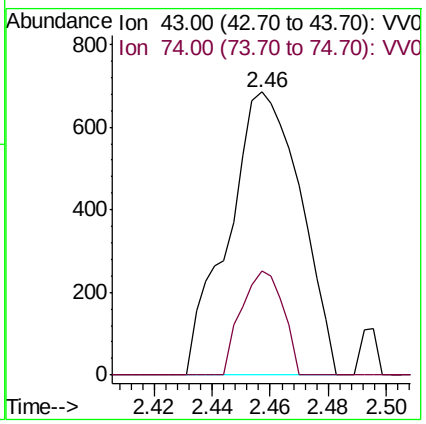


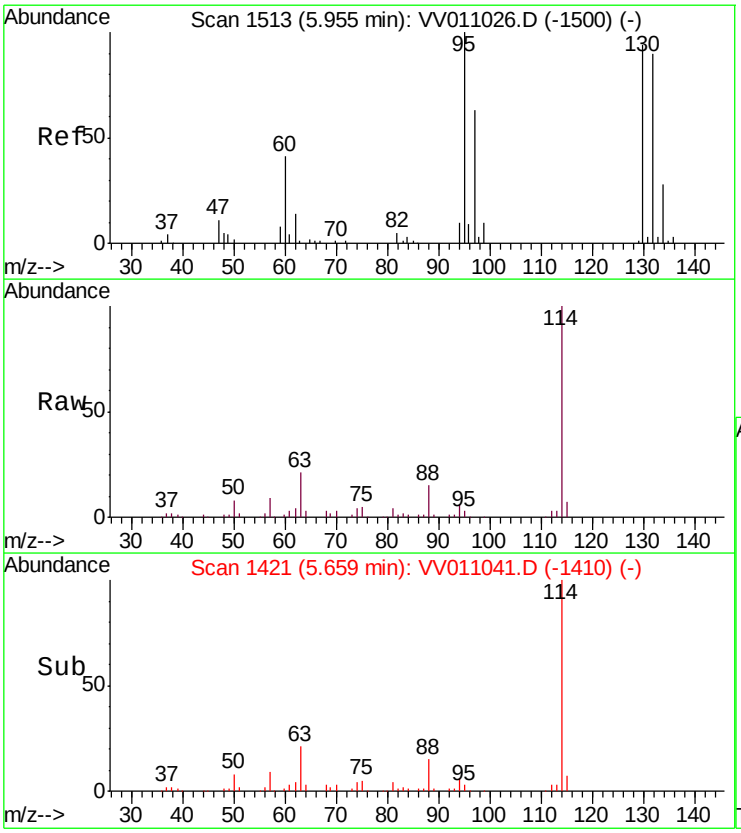
#15
Methyl Acetate
Concen: 1.739 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.00 min
Lab File: VV011041.D
Acq: 23 May 2019 21:45

Instrument :
MSVOA_V
ClientSampleId :
A51C7

Tgt Ion: 43 Resp: 1189

Ion	Ratio	Lower	Upper
43	100		
74	21.2	21.1	31.7

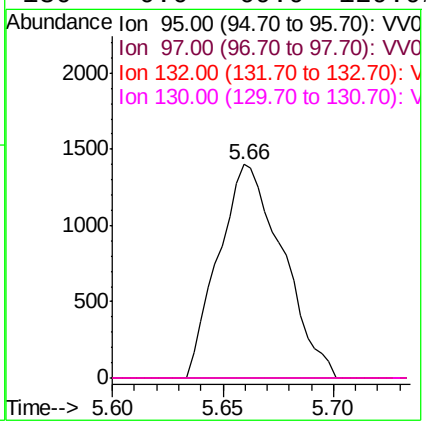


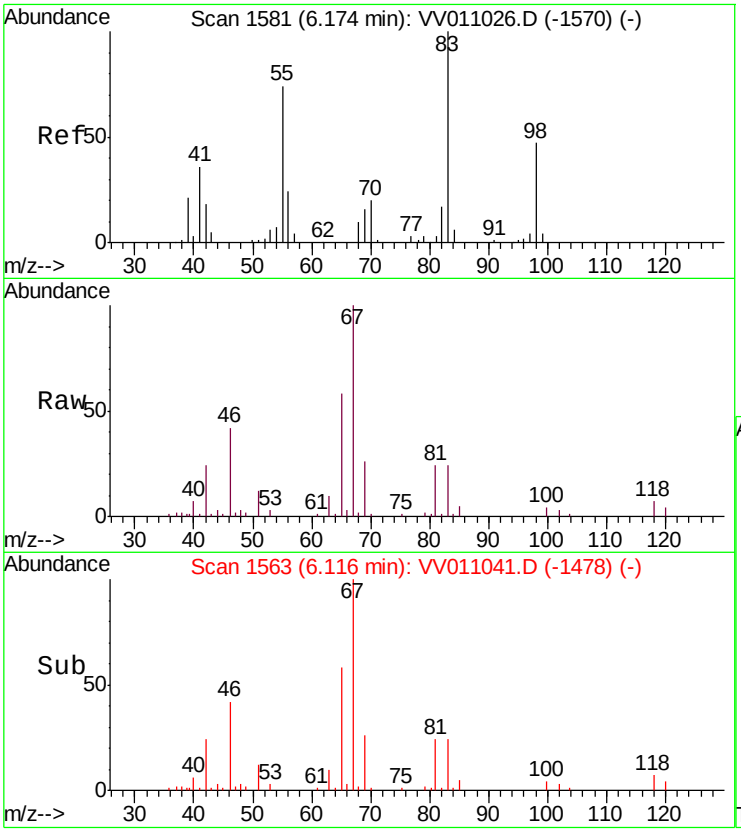


#35
Trichloroethene
Concen: 1.754 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV011041.D
Acq: 23 May 2019 21:45

Tgt Ion: 95 Resp: 2822

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#



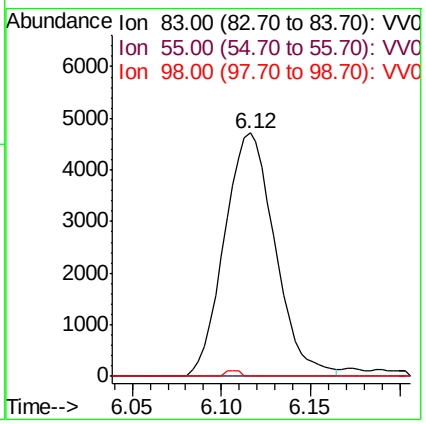


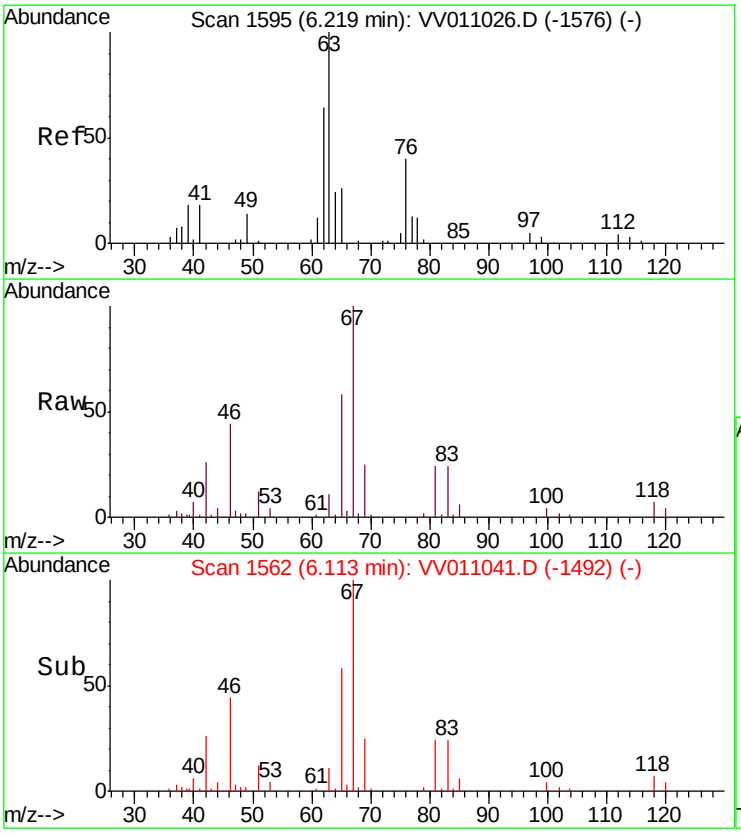
#36
Methylcyclohexane
Concen: 3.910 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011041.D
Acq: 23 May 2019 21:45

Instrument : MSVOA_V
ClientSampleId : A51C7

Tgt Ion: 83 Resp: 9298

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.0	85.4#
98	0.7	36.2	54.4#

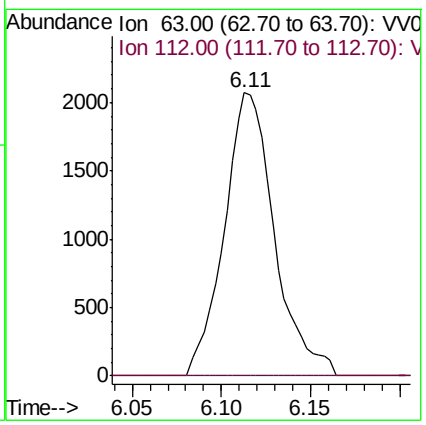


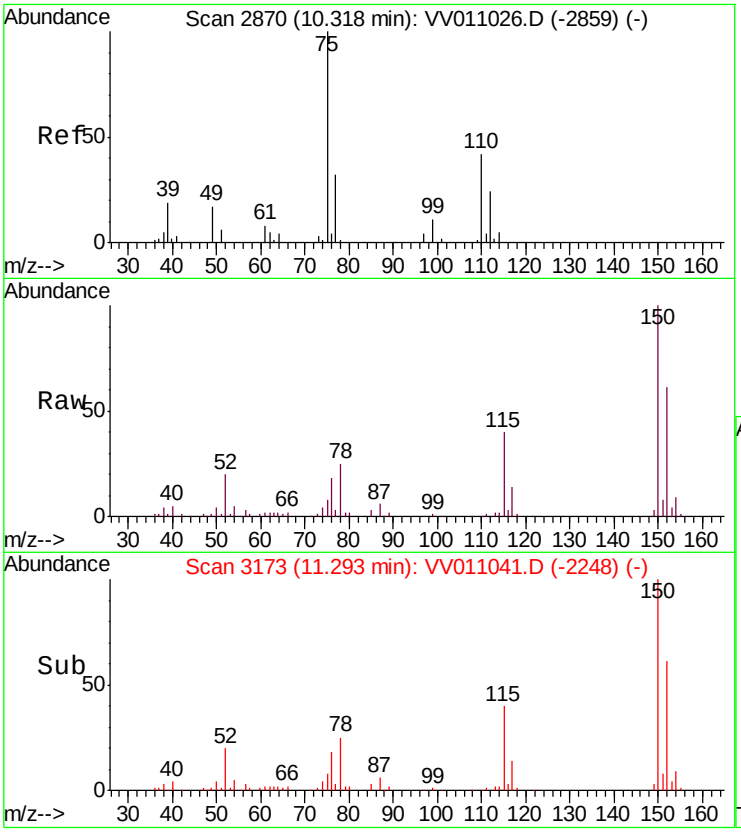


#40
1,2-Dichloropropane
Concen: 2.649 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011041.D
Acq: 23 May 2019 21:45

Tgt Ion: 63 Resp: 4053

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#





#59
1,2,3-Trichloropropane
Concen: 4.069 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV011041.D
Acq: 23 May 2019 21:45

Instrument :
MSVOA_V
ClientSampleId :
A51C7

Tgt Ion: 75 Resp: 5131

Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.4	38.2