Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

Quantitation Report (Not Reviewed)

Data File : VV010933.D
Acq On : 16 May 2019 16:53
Operator : SY/MD
Sample : VV0514SBL05
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK94

Quant Time: May 17 06:31:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 06:28:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	141266	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	135355	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60420	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	44826	24.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.64%			
7) Chloroethane-d5	1.56	69	32716	27.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.56%			
10) 1,1-Dichloroethene-d2	2.12	63	65792	19.32	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.28%			
20) 2-Butanone-d5	3.94	46	26205	46.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.56%			
24) Chloroform-d	4.40	84	82483	20.22	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.88%			
26) 1,2-Dichloroethane-d4	5.08	65	49681	21.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.72%			
29) Benzene-d6	5.09	84	187020	24.96	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.84%			
33) 1,2-Dichloropropane-d6	6.11	67	57804	24.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.72%			
37) Toluene-d8	7.36	98	173252	24.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.28%			
38) trans-1,3-Dichloropropene-	7.66	79	21853	20.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.84%			
39) 2-Hexanone-d5	8.13	63	17065	37.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.36%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47898	21.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.44%			
61) 1,2-Dichlorobenzene-d4	11.67	152	59146	23.44	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.76%			
Target Compounds						Qvalue
6) Bromomethane	1.51	94	550	1.173	ug/L	82
13) Acetone	2.19	43	1331	2.308	ug/L	89
25) Chloroform	4.42	83	6263	1.538	ug/L #	70
35) Trichloroethene	5.66	95	4335	2.120	ug/L #	5
36) Methylcyclohexane	6.12	83	13453	4.728	ug/L #	19
40) 1,2-Dichloropropane	6.12	63	6284	2.925	ug/L #	88
42) cis-1,3-Dichloropropene	7.03	75	1662	0.530	ug/L #	79
59) 1,2,3-Trichloropropane	11.30	75	7386	4.460	ug/L	92

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

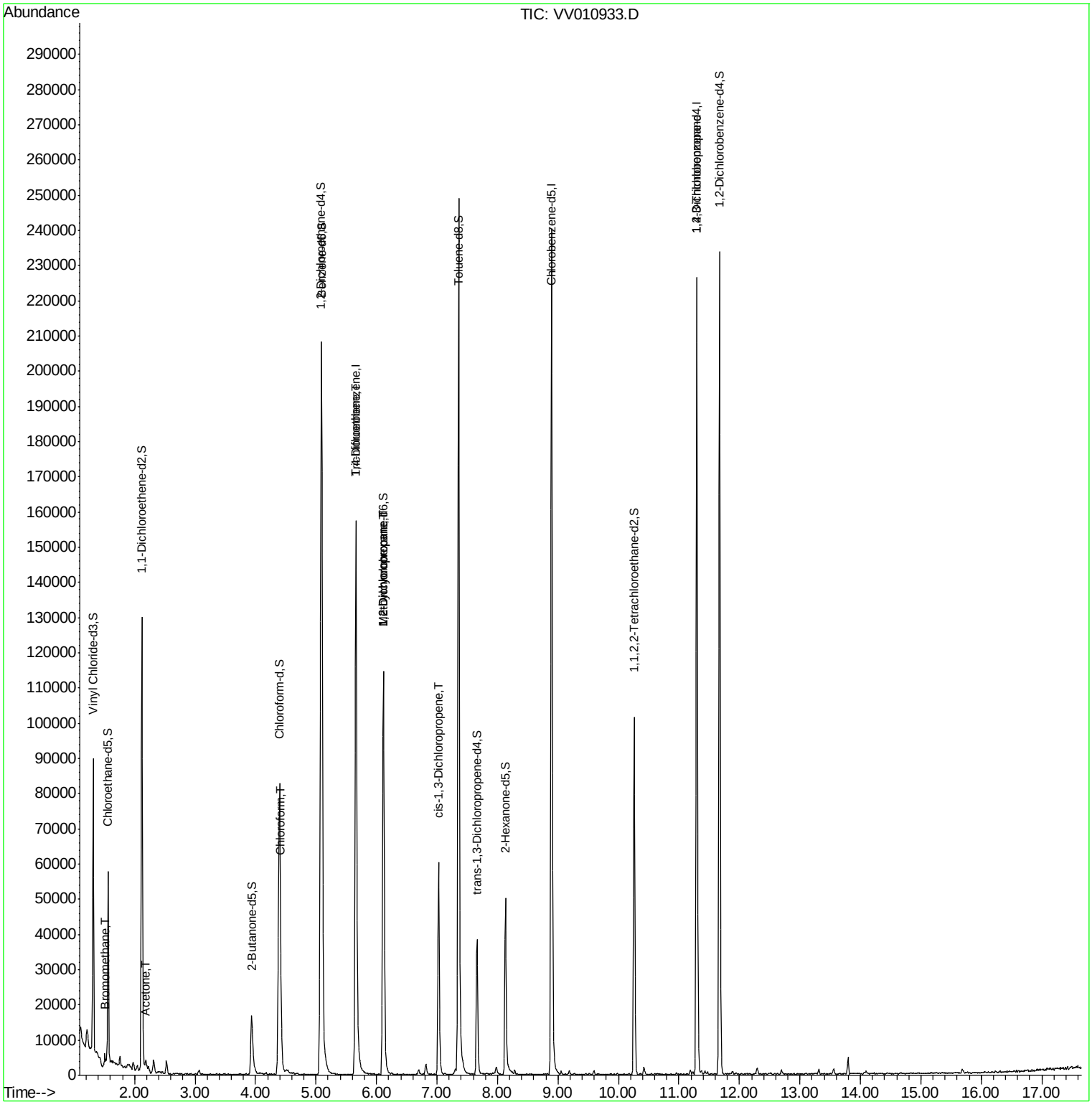
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

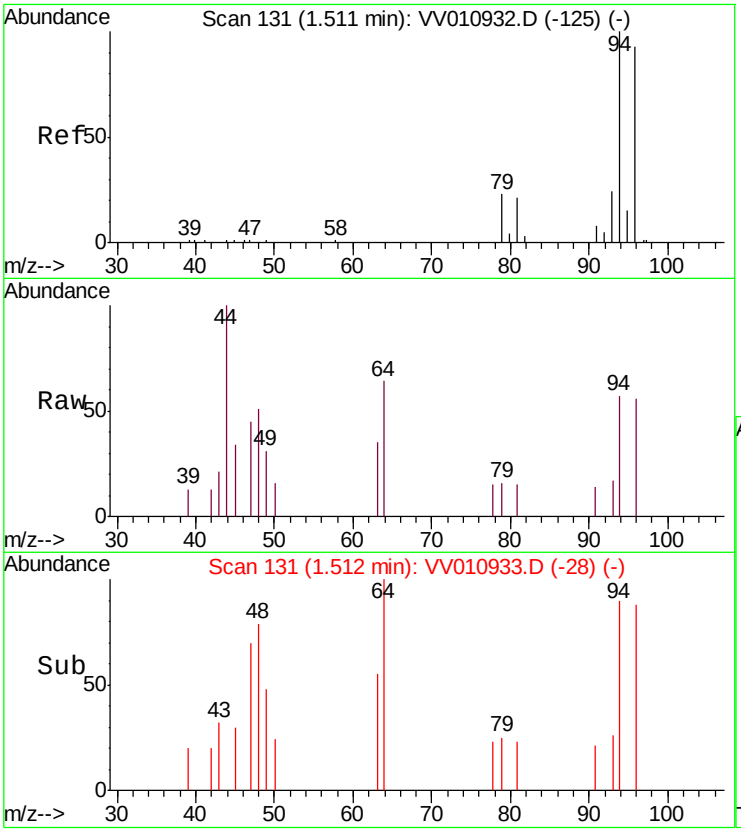
Quantitation Report (Not Reviewed)

Data File : VV010933.D
Acq On : 16 May 2019 16:53
Operator : SY/MD
Sample : VV0514SBL05
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK94

Quant Time: May 17 06:31:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 06:28:25 2019
Response via : Initial Calibration



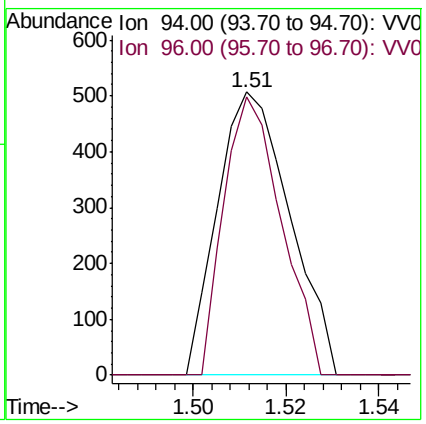


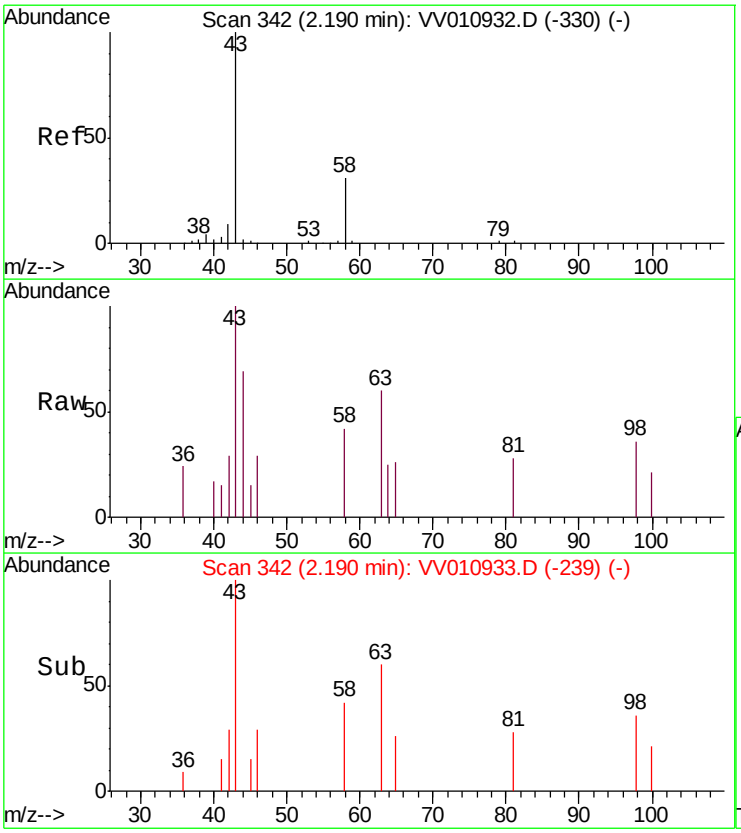
#6
Bromomethane
Concen: 1.173 ug/L
RT: 1.51 min Scan# 131
Delta R.T. 0.00 min
Lab File: VV010933.D
Acq: 16 May 2019 16:53

Instrument :
MSVOA_V
ClientSampleId :
VBLK94

Tgt Ion: 94 Resp: 550

Ion	Ratio	Lower	Upper
94	100		
96	78.0	9.6	181.6

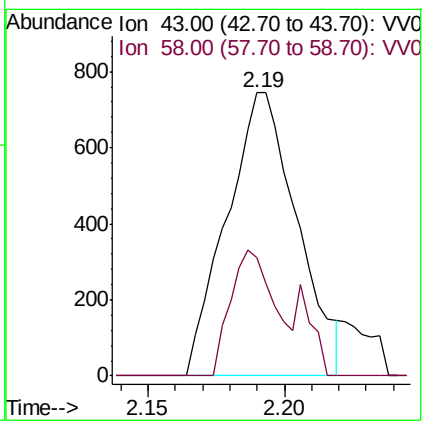


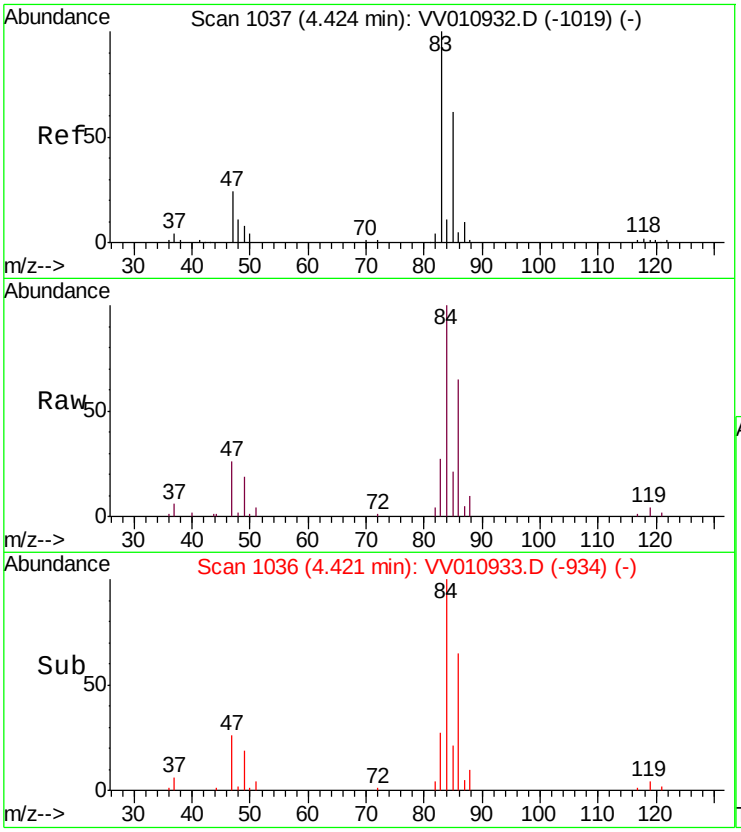


#13
Acetone
Concen: 2.308 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010933.D
Acq: 16 May 2019 16:53

Tgt Ion: 43 Resp: 1331

Ion	Ratio	Lower	Upper
43	100		
58	28.2	0.0	69.2



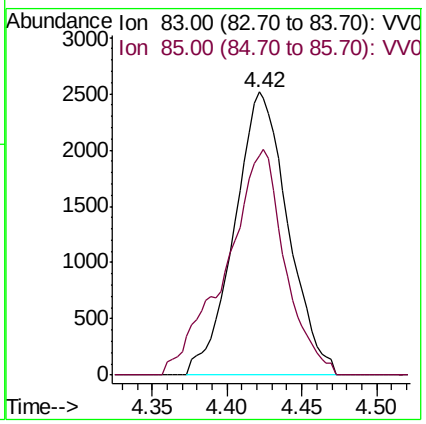


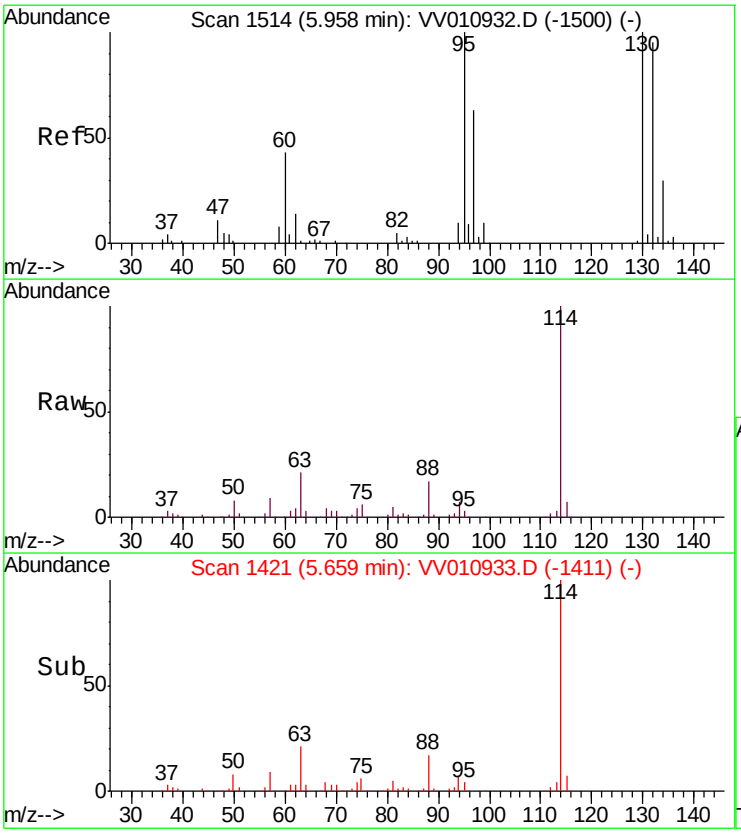
#25
Chloroform
Concen: 1.538 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010933.D
Acq: 16 May 2019 16:53

Instrument :
MSVOA_V
ClientSampleId :
VBLK94

Tgt Ion: 83 Resp: 6263

Ion	Ratio	Lower	Upper
83	100		
85	88.0	45.3	84.1#

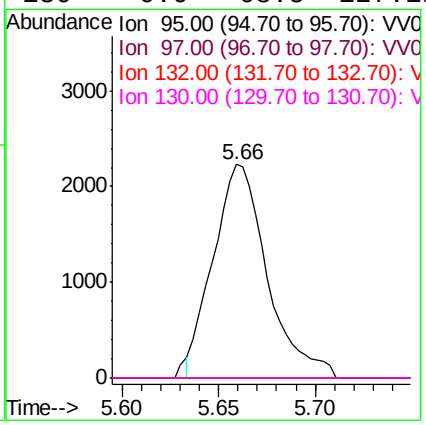


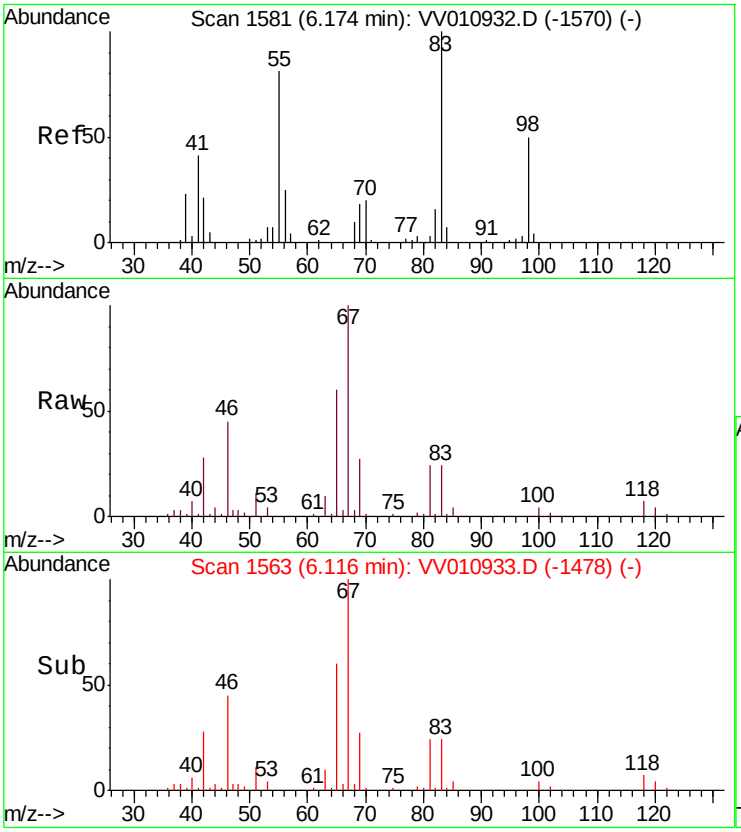


#35
Trichloroethene
Concen: 2.120 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010933.D
Acq: 16 May 2019 16:53

Tgt Ion: 95 Resp: 4335

Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	67.4	125.2#
130	0.0	68.5	127.1#



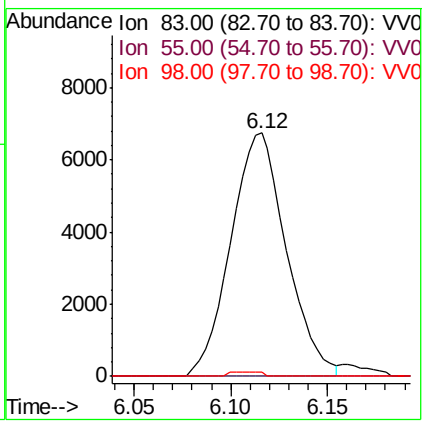


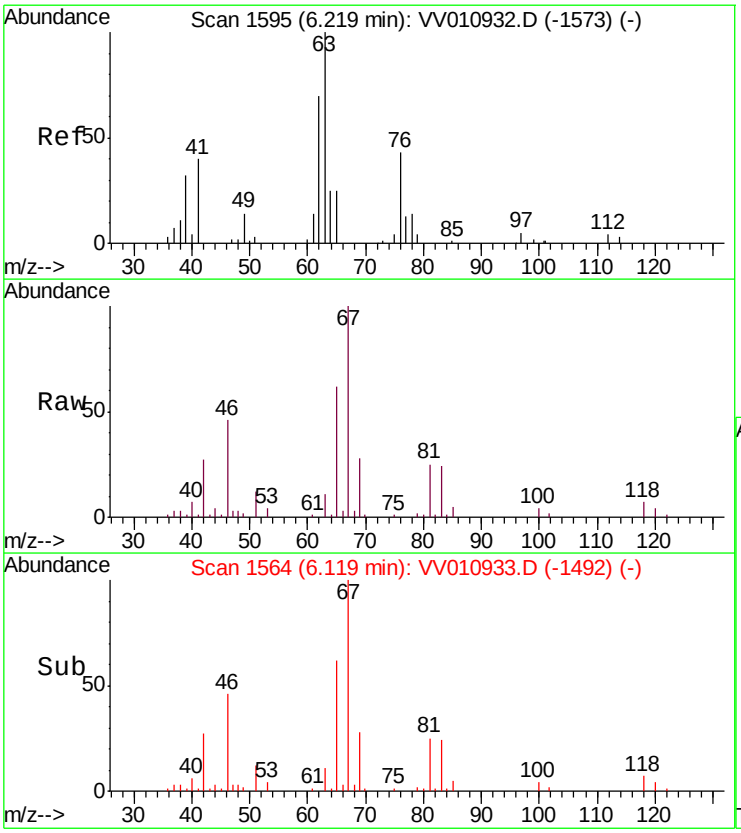
#36
Methylcyclohexane
Concen: 4.728 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010933.D
Acq: 16 May 2019 16:53

Instrument : MSVOA_V
ClientSampleId : VBLK94

Tgt Ion: 83 Resp: 13453

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.4#
98	0.7	37.2	55.8#

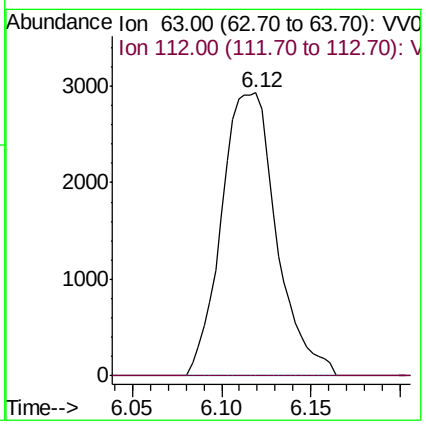


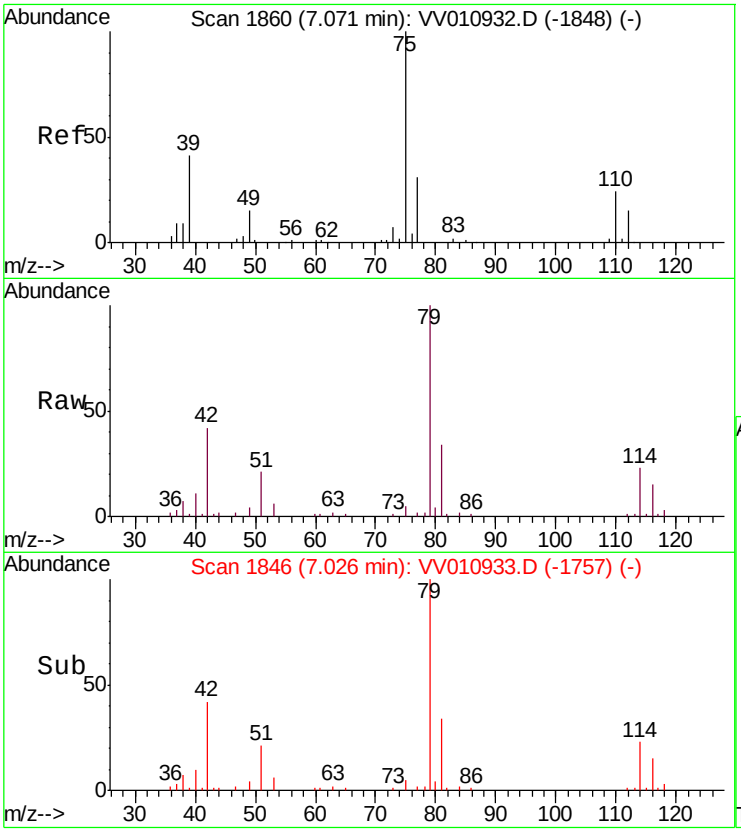


#40
1,2-Dichloropropane
Concen: 2.925 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010933.D
Acq: 16 May 2019 16:53

Tgt Ion: 63 Resp: 6284

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



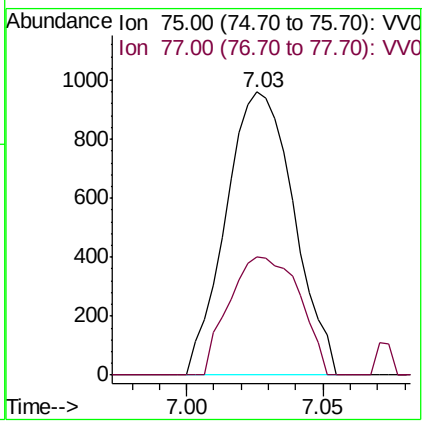


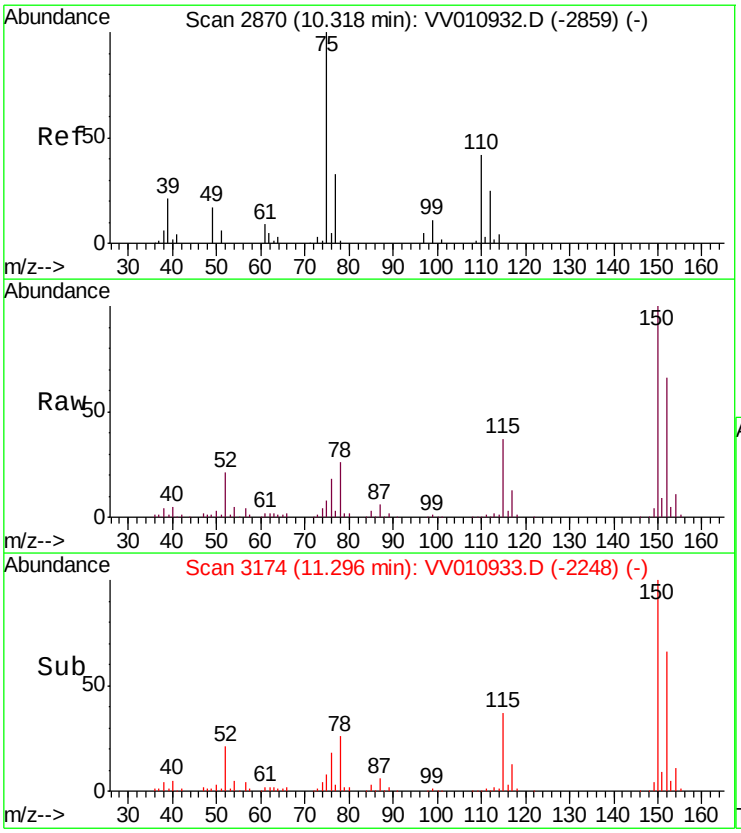
#42
cis-1,3-Dichloropropene
Concen: 0.530 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV010933.D
Acq: 16 May 2019 16:53

Instrument :
MSVOA_V
ClientSampleId :
VBLK94

Tgt Ion: 75 Resp: 1662

Ion	Ratio	Lower	Upper
75	100		
77	42.0	21.5	39.9#





#59
1,2,3-Trichloropropane
Concen: 4.460 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010933.D
Acq: 16 May 2019 16:53

Tgt Ion: 75 Resp: 7386

Ion	Ratio	Lower	Upper
75	100		
77	37.5	26.4	39.6