Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052019\

Quantitation Report (Not Reviewed)

Data File : VV010987.D
Acq On : 21 May 2019 06:18
Operator : SY/MD
Sample : K2948-04
Misc : 5.21G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHA9

Quant Time: May 22 04:56:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 04:53:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	15805	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	16095	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	4325	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	1420	7.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 31.52%			
7) Chloroethane-d5	1.57	69	1708	14.00	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 56.00%			
10) 1,1-Dichloroethene-d2	2.12	63	3210	9.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 37.08%#			
20) 2-Butanone-d5	3.95	46	2389	38.43	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.86%			
24) Chloroform-d	4.40	84	10488	25.62	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.48%			
26) 1,2-Dichloroethane-d4	5.08	65	6820	28.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.08%			
29) Benzene-d6	5.10	84	16311	18.56	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 74.24%			
33) 1,2-Dichloropropane-d6	6.11	67	7151	25.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.44%			
37) Toluene-d8	7.36	98	11716	14.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 57.36%			
38) trans-1,3-Dichloropropene-	7.66	79	2043	17.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 71.28%			
39) 2-Hexanone-d5	8.14	63	1337	25.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 51.36%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	7212	25.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.48%			
61) 1,2-Dichlorobenzene-d4	11.67	152	3937	22.42	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.68%			
Target Compounds						Qvalue
3) Chloromethane	1.24	50	159	0.752	ug/L #	42
13) Acetone	2.19	43	1792	29.888	ug/L	97
16) Methylene chloride	2.53	84	619	2.282	ug/L #	82
35) Trichloroethene	5.66	95	464	1.810	ug/L #	5
36) Methylcyclohexane	6.12	83	1688	4.454	ug/L #	23
40) 1,2-Dichloropropane	6.12	63	815	3.342	ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	630	3.135	ug/L #	85

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

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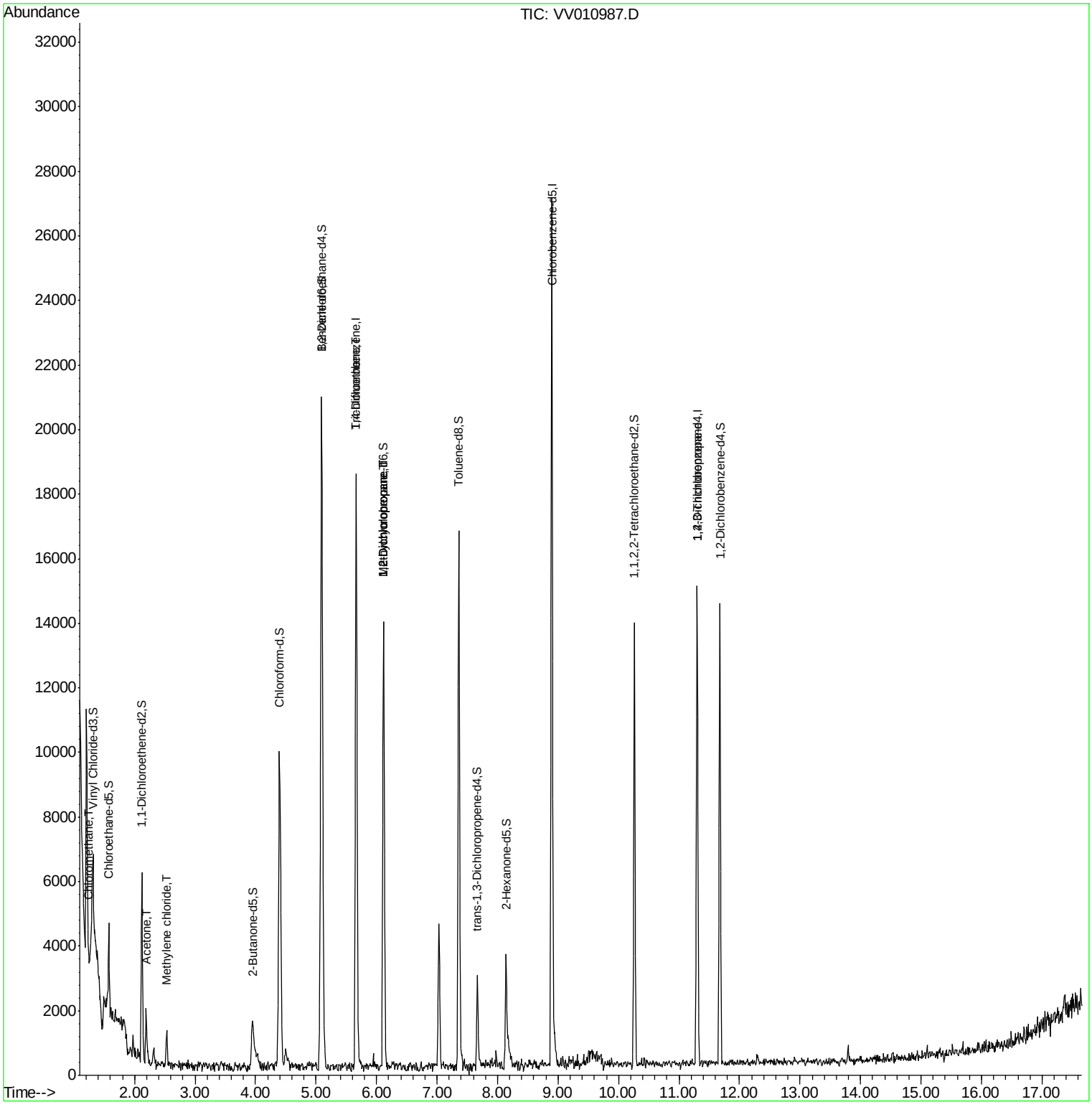
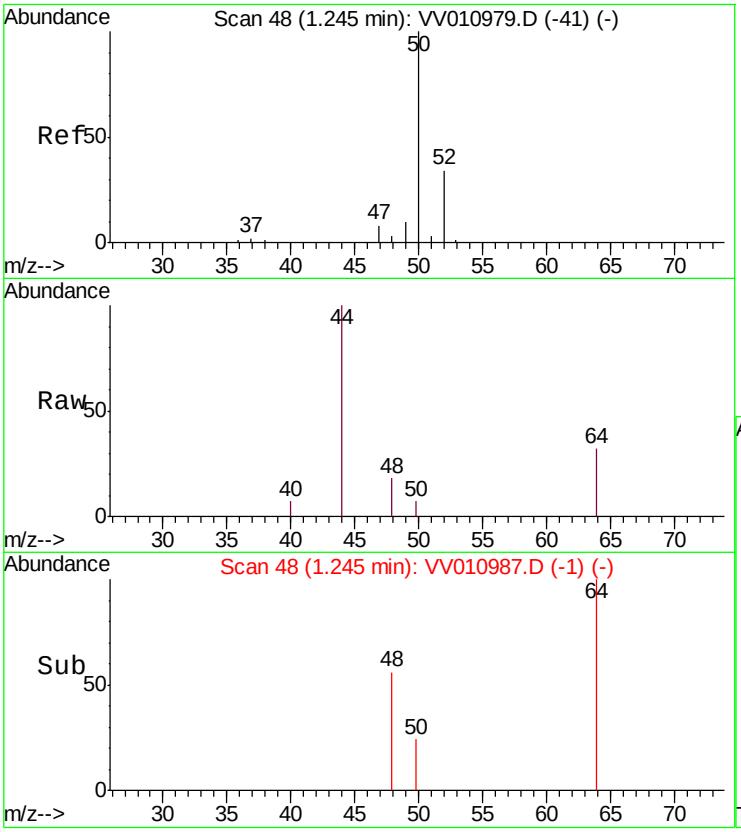
Quant Title : VOC Analysis
QLast Update : Wed May 22 04:53:16 2019
Response via : Initial Calibration



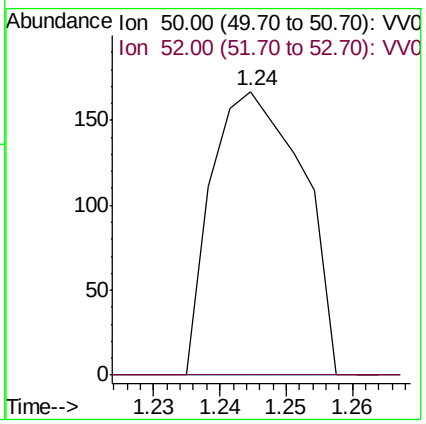


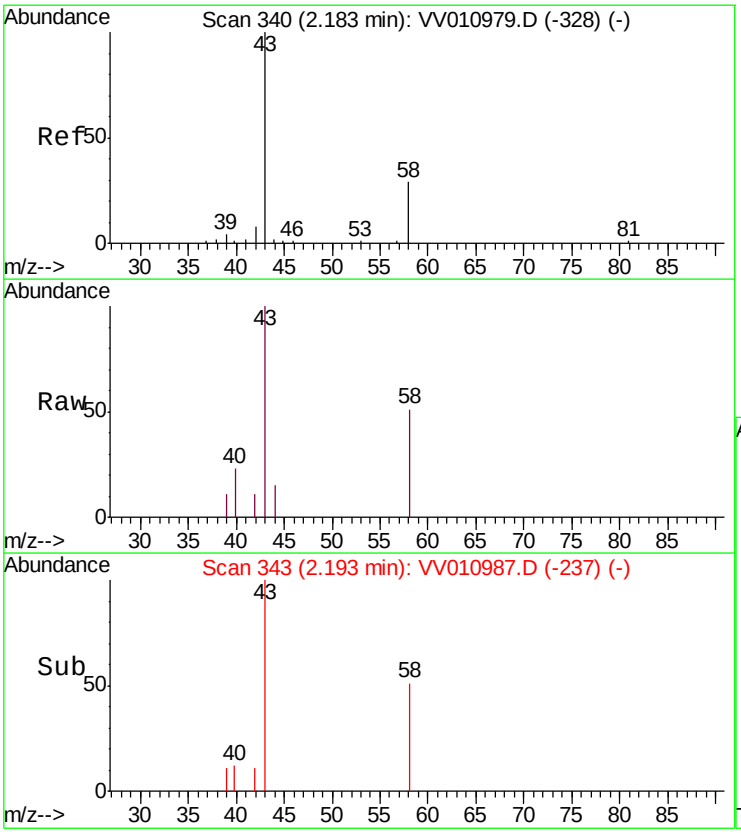
#3
Chloromethane
Concen: 0.752 ug/L
RT: 1.24 min Scan# 48
Delta R.T. 0.00 min
Lab File: VV010987.D
Acq: 21 May 2019 06:18

Instrument :
MSVOA_V
ClientSampleId :
BFHA9

Tgt Ion: 50 Resp: 159

Ion	Ratio	Lower	Upper
50	100		
52	0.0	22.7	42.3#

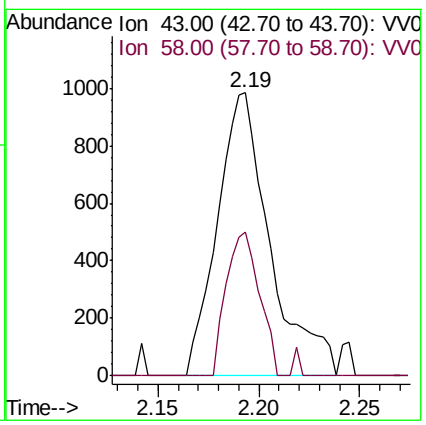


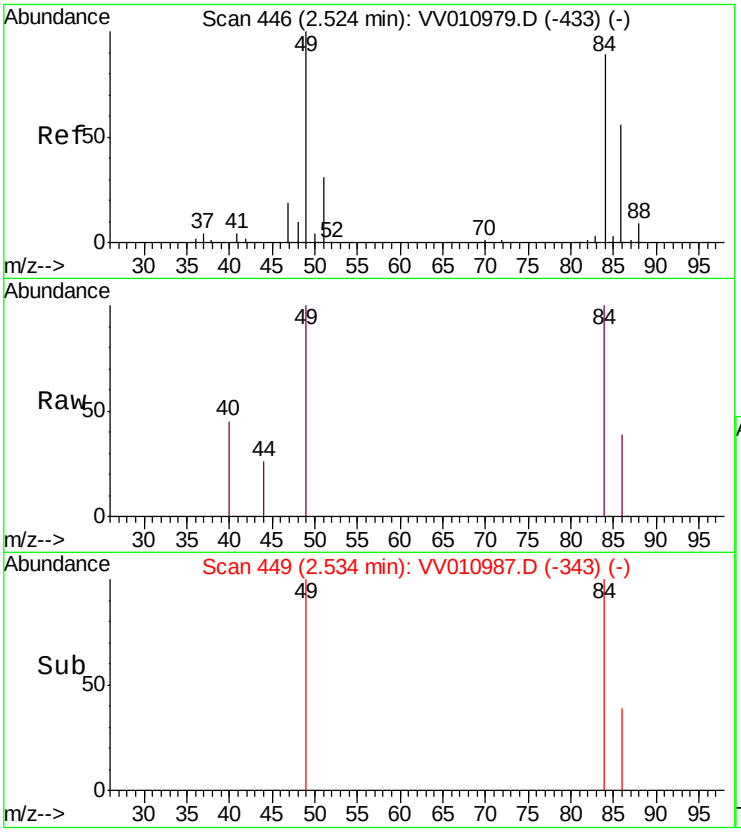


#13
Acetone
Concen: 29.888 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.01 min
Lab File: VV010987.D
Acq: 21 May 2019 06:18

Tgt Ion: 43 Resp: 1792

Ion	Ratio	Lower	Upper
43	100		
58	32.3	0.0	60.8



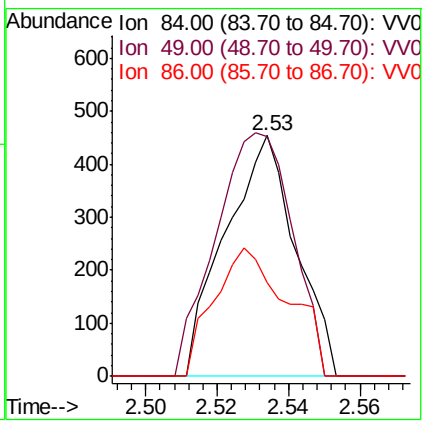


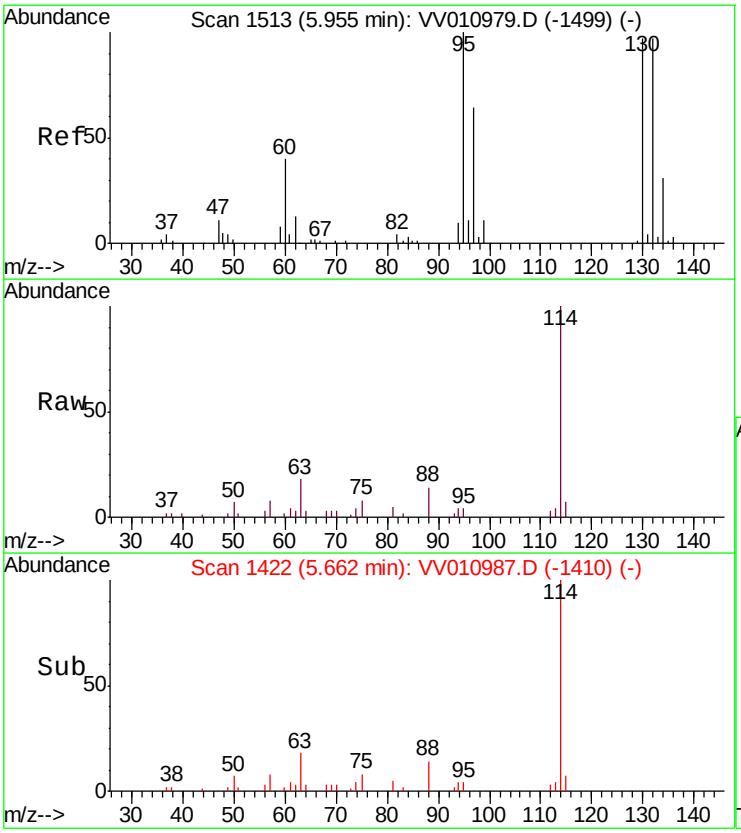
#16
Methylene chloride
Concen: 2.282 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV010987.D
Acq: 21 May 2019 06:18

Instrument :
MSVOA_V
ClientSampleId :
BFHA9

Tgt Ion: 84 Resp: 619

Ion	Ratio	Lower	Upper
84	100		
49	99.6	77.4	143.8
86	39.2	44.0	81.6#

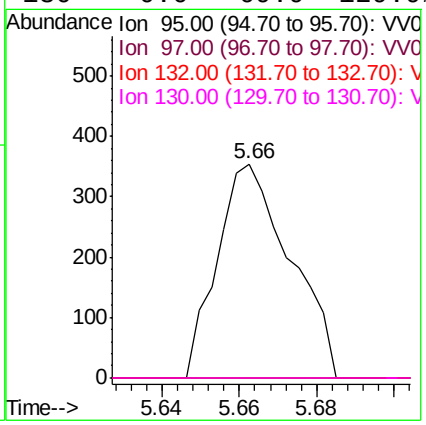


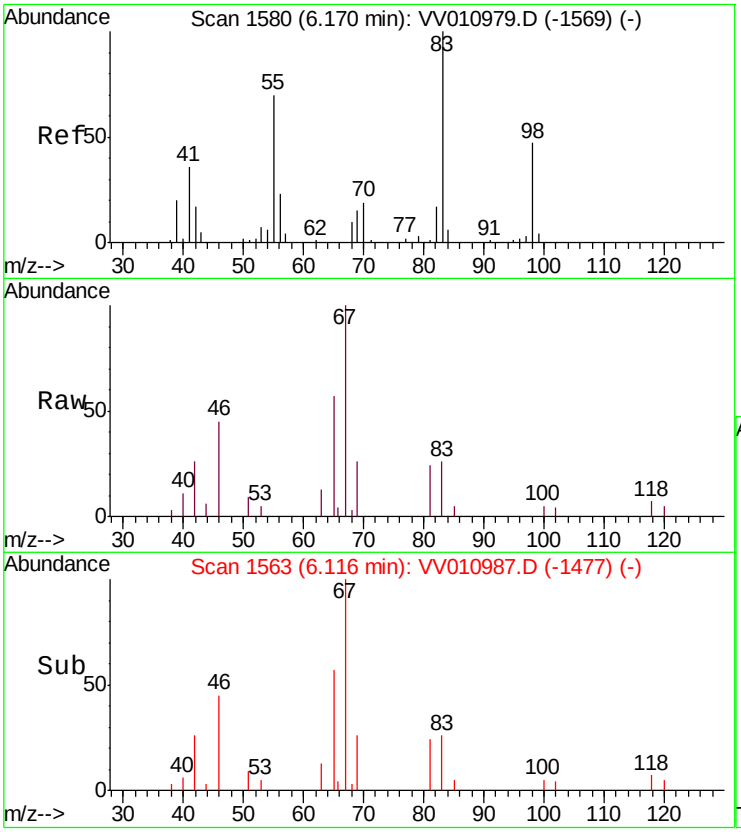


#35
Trichloroethene
Concen: 1.810 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV010987.D
Acq: 21 May 2019 06:18

Tgt Ion: 95 Resp: 464

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#



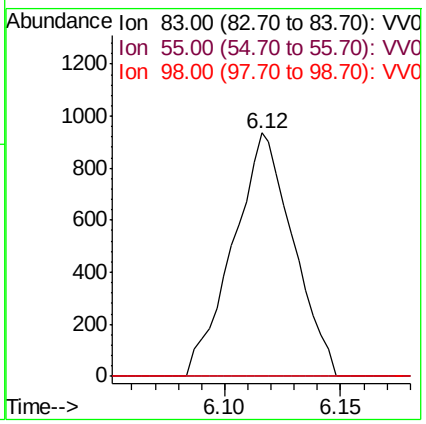


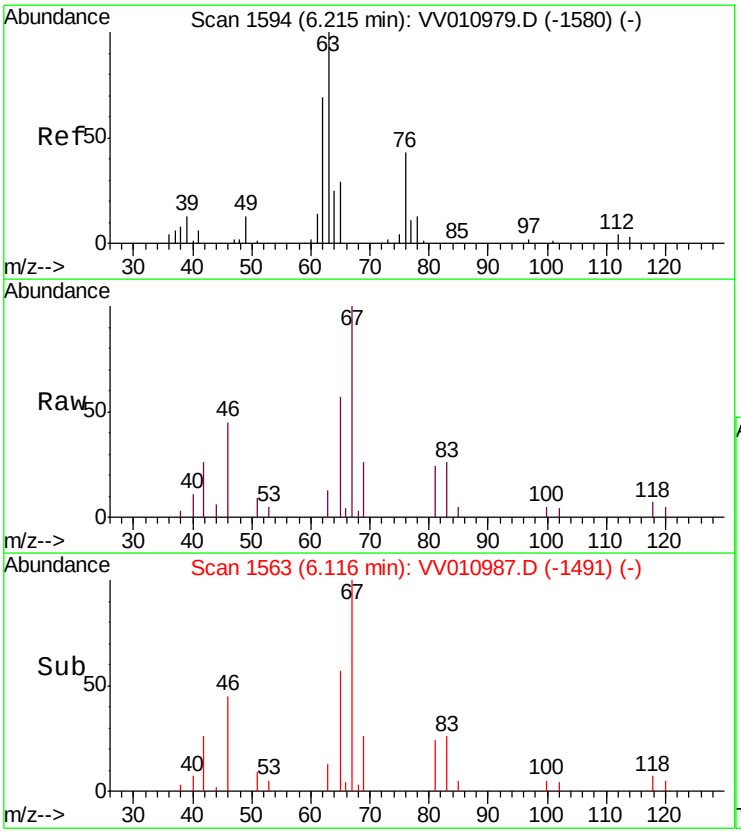
#36
Methylcyclohexane
Concen: 4.454 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV010987.D
Acq: 21 May 2019 06:18

Instrument :
MSVOA_V
ClientSampleId :
BFHA9

Tgt Ion: 83 Resp: 1688

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.0	85.4#
98	3.7	36.2	54.4#

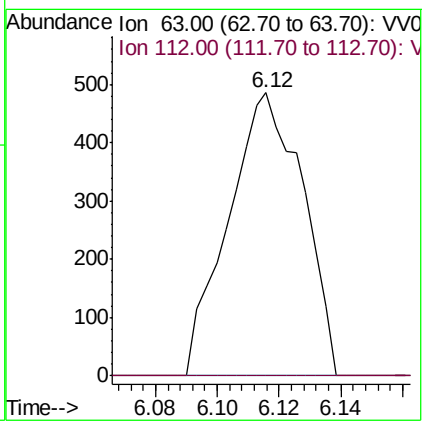


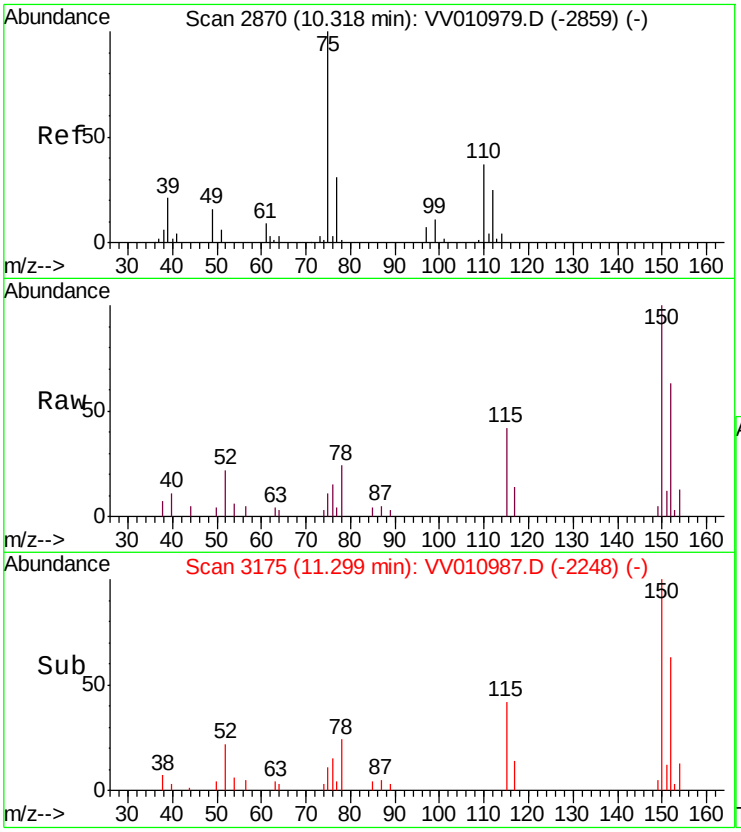


#40
1,2-Dichloropropane
Concen: 3.342 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010987.D
Acq: 21 May 2019 06:18

Tgt Ion: 63 Resp: 815

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#





#59
1,2,3-Trichloropropane
Concen: 3.135 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010987.D
Acq: 21 May 2019 06:18

Instrument :
MSVOA_V
ClientSampleId :
BFHA9

Tgt Ion: 75 Resp: 630

Ion	Ratio	Lower	Upper
75	100		
77	23.5	25.4	38.2#