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

Quantitation Report (Not Reviewed)

Data File : VV010981.D
Acq On : 21 May 2019 03:30
Operator : SY/MD
Sample : K2846-21
Misc : 3.88G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHA3

Quant Time: May 21 05:32:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 05:28:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	103888	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	93483	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31720	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	23456	19.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.24%			
7) Chloroethane-d5	1.56	69	18952	23.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.52%			
10) 1,1-Dichloroethene-d2	2.12	63	35005	15.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.48%			
20) 2-Butanone-d5	3.94	46	22350	54.69	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.38%			
24) Chloroform-d	4.40	84	59782	22.21	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.84%			
26) 1,2-Dichloroethane-d4	5.08	65	40085	25.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.12%			
29) Benzene-d6	5.09	84	136900	26.82	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.28%			
33) 1,2-Dichloropropane-d6	6.11	67	46369	28.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 114.36%			
37) Toluene-d8	7.36	98	107206	22.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.40%			
38) trans-1,3-Dichloropropene-	7.66	79	11365	17.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 68.28%			
39) 2-Hexanone-d5	8.13	63	16832	55.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.30%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37472	23.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.60%			
61) 1,2-Dichlorobenzene-d4	11.67	152	30336	23.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.20%			

Target Compounds						Qvalue
13) Acetone	2.19	43	5011	12.715	ug/L	96
14) Carbon disulfide	2.31	76	3010	0.980	ug/L	98
16) Methylene chloride	2.53	84	6938	3.891	ug/L	95
21) 2-Butanone	4.03	43	1915	3.551	ug/L #	64
25) Chloroform	4.42	83	11879	3.812	ug/L	88
35) Trichloroethene	5.66	95	3047	2.046	ug/L #	5
40) 1,2-Dichloropropane	6.11	63	5205	3.675	ug/L #	86
49) 2-Hexanone	8.13	43	2174	2.933	ug/L #	62
59) 1,2,3-Trichloropropane	11.30	75	3952	3.386	ug/L #	80

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

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

Quantitation Report (Not Reviewed)

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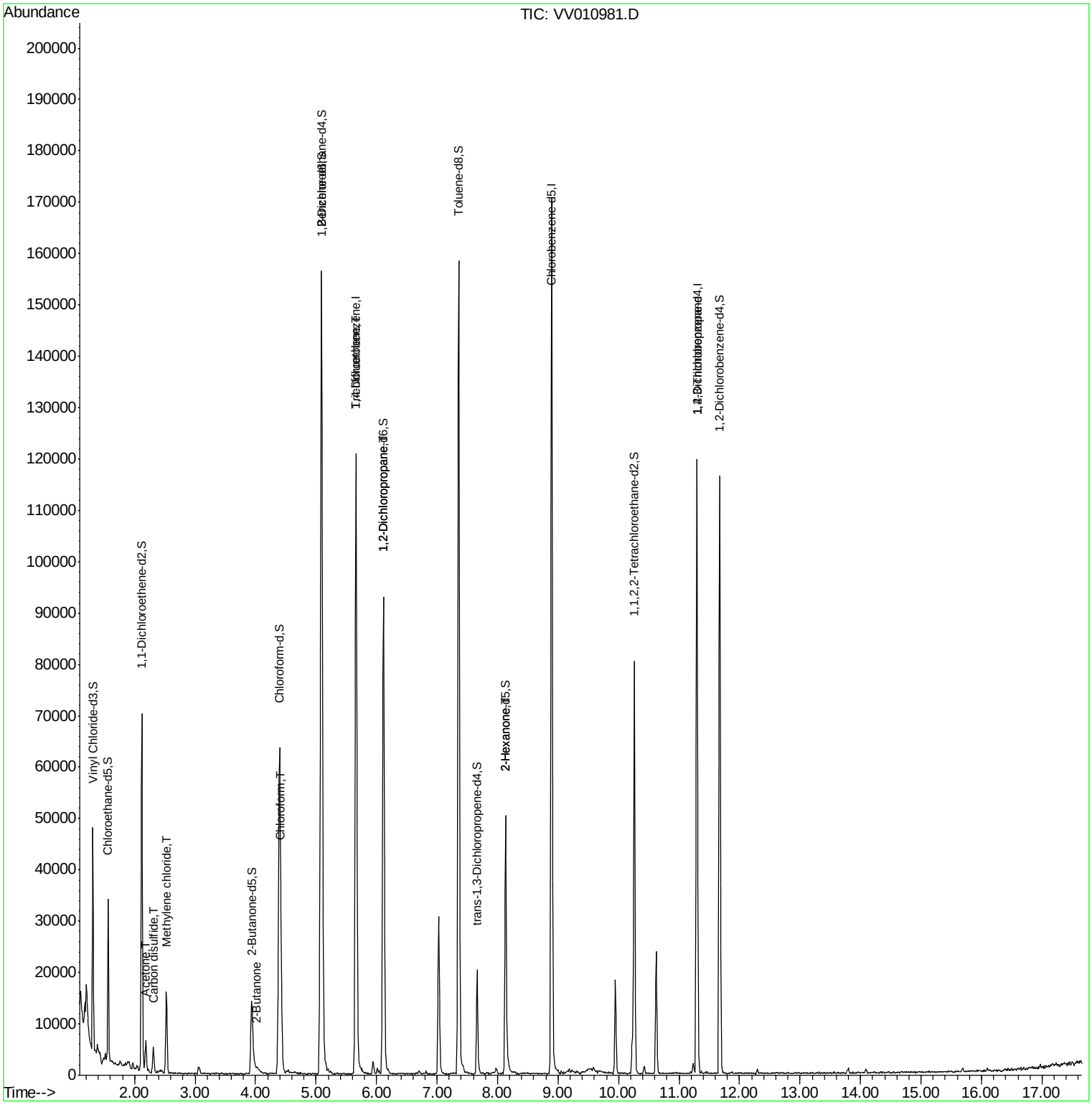
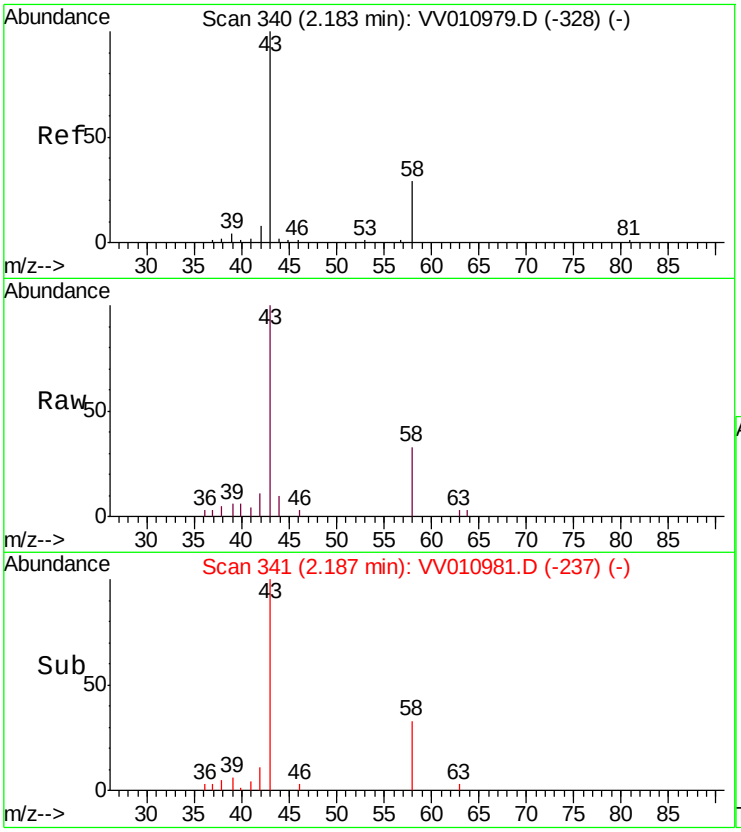
Instrument : MSVOA_V
ClientSampleId : BFHA3

Quant Time: May 21 05:32:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 05:28:51 2019
Response via : Initial Calibration



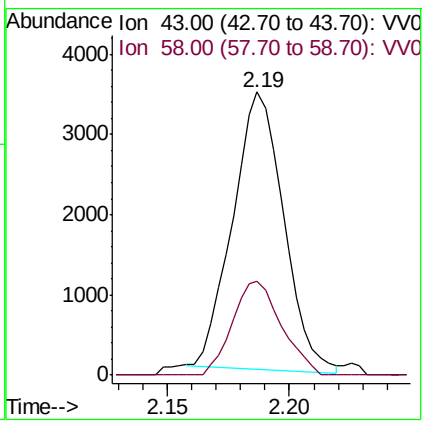


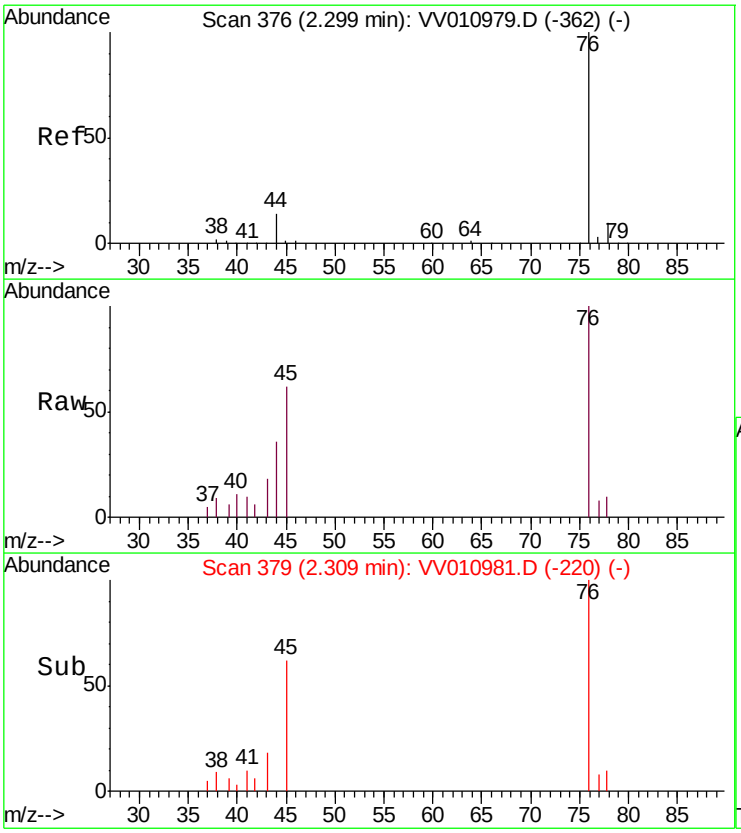
#13
Acetone
Concen: 12.715 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010981.D
Acq: 21 May 2019 03:30

Instrument :
MSVOA_V
ClientSampleId :
BFHA3

Tgt Ion: 43 Resp: 5011

Ion	Ratio	Lower	Upper
43	100		
58	32.5	0.0	60.8

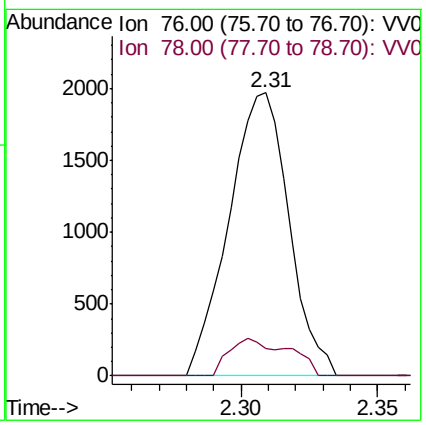


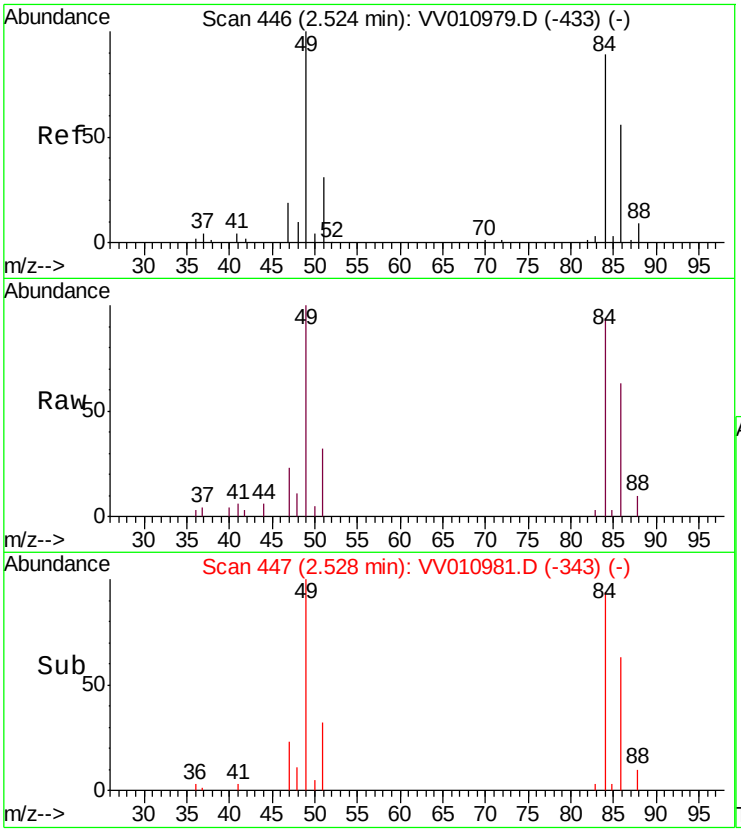


#14
Carbon disulfide
Concen: 0.980 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.01 min
Lab File: VV010981.D
Acq: 21 May 2019 03:30

Tgt Ion: 76 Resp: 3010

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8



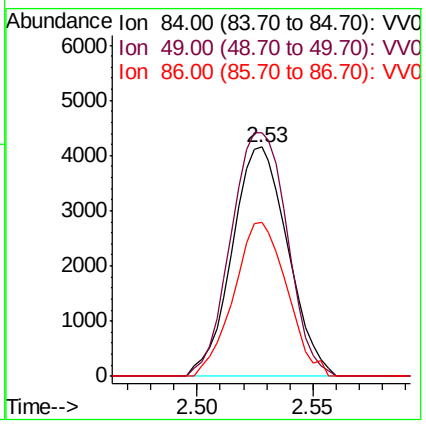


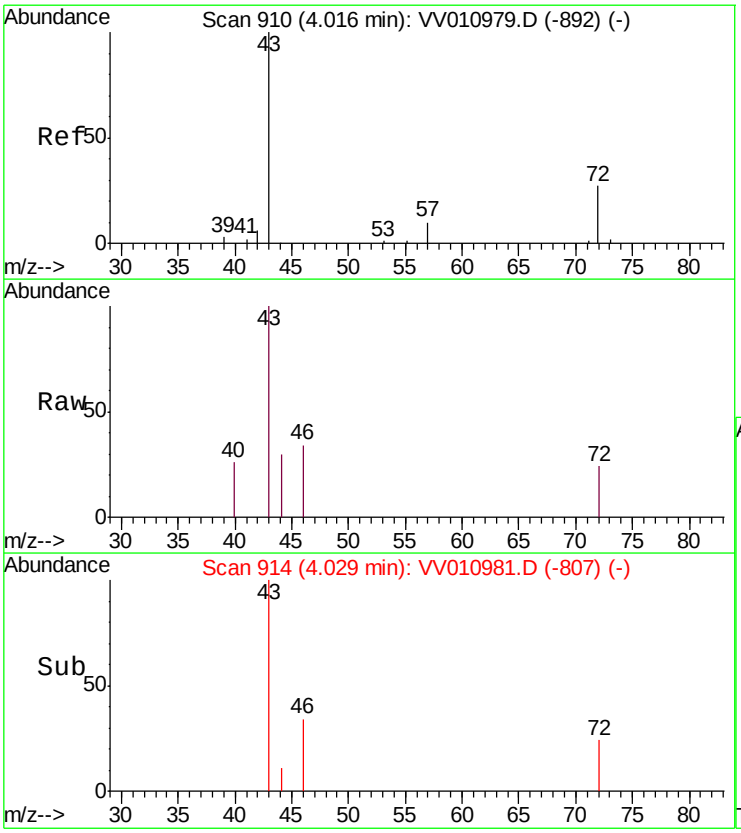
#16
Methylene chloride
Concen: 3.891 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV010981.D
Acq: 21 May 2019 03:30

Instrument :
MSVOA_V
ClientSampleId :
BFHA3

Tgt Ion: 84 Resp: 6938

Ion	Ratio	Lower	Upper
84	100		
49	106.0	77.4	143.8
86	67.0	44.0	81.6

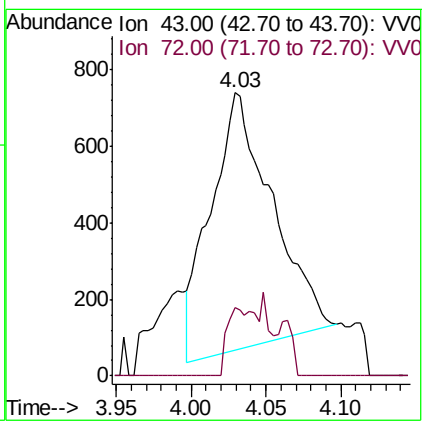


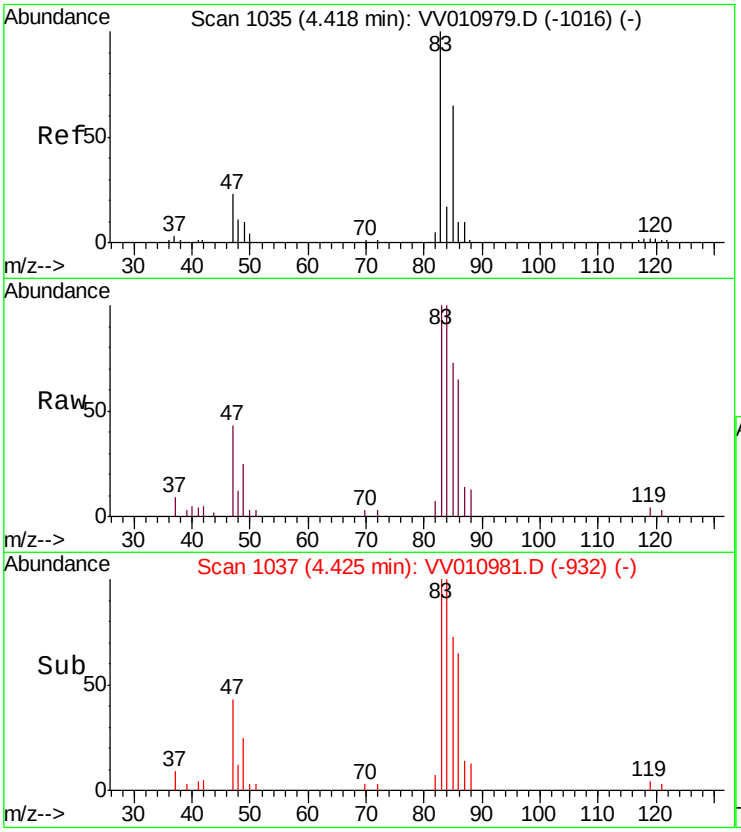


#21
2-Butanone
Concen: 3.551 ug/L
RT: 4.03 min Scan# 914
Delta R.T. 0.01 min
Lab File: VV010981.D
Acq: 21 May 2019 03:30

Tgt Ion: 43 Resp: 1915

Ion	Ratio	Lower	Upper
43	100		
72	7.8	13.1	39.3#



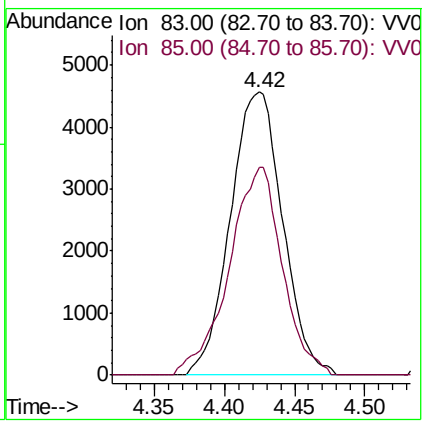


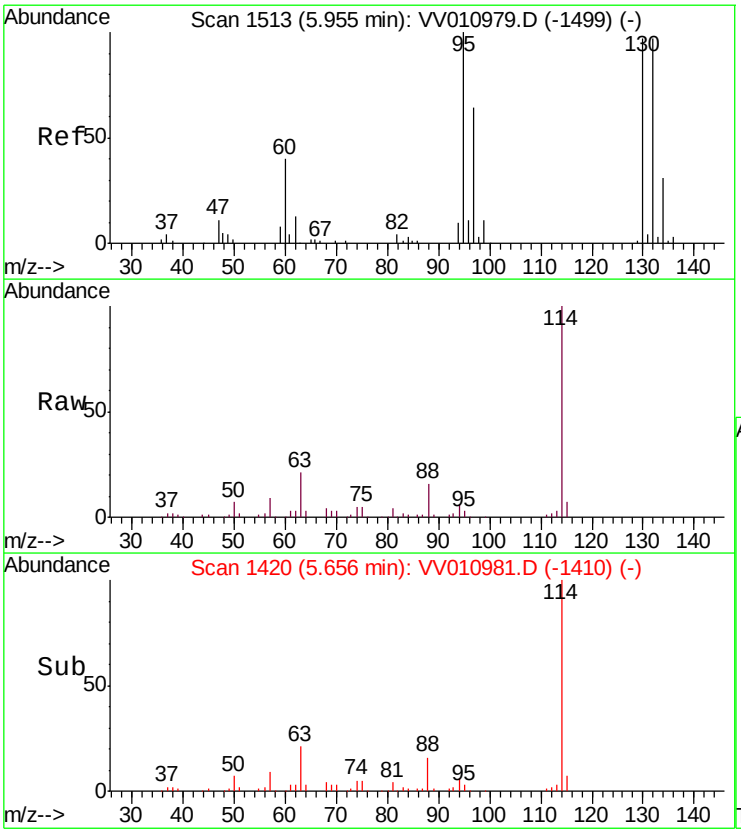
#25
Chloroform
Concen: 3.812 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV010981.D
Acq: 21 May 2019 03:30

Instrument :
MSVOA_V
ClientSampleId :
BFHA3

Tgt Ion: 83 Resp: 11879

Ion	Ratio	Lower	Upper
83	100		
85	74.5	45.6	84.8

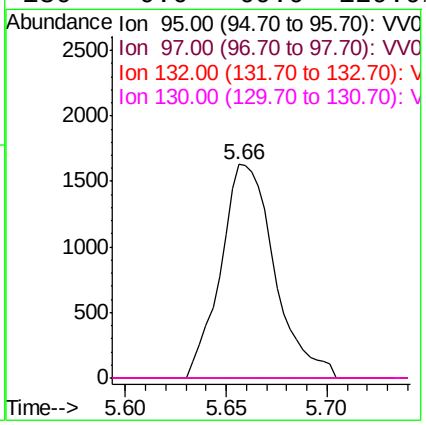


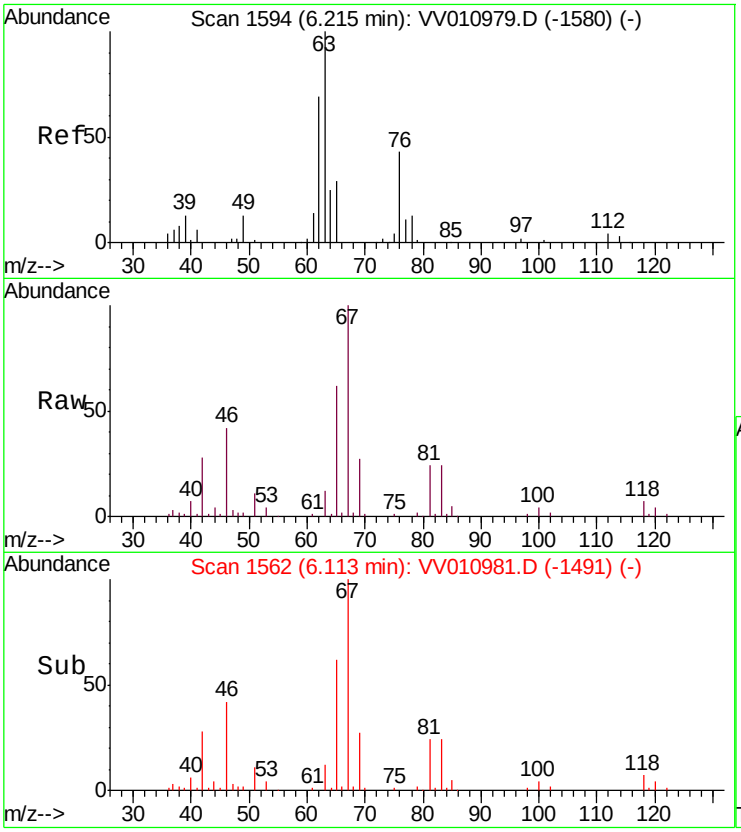


#35
Trichloroethene
Concen: 2.046 ug/L
RT: 5.66 min Scan# 1420
Delta R.T. -0.30 min
Lab File: VV010981.D
Acq: 21 May 2019 03:30

Tgt Ion: 95 Resp: 3047

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#



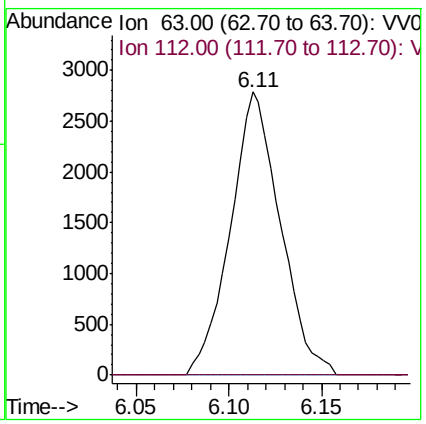


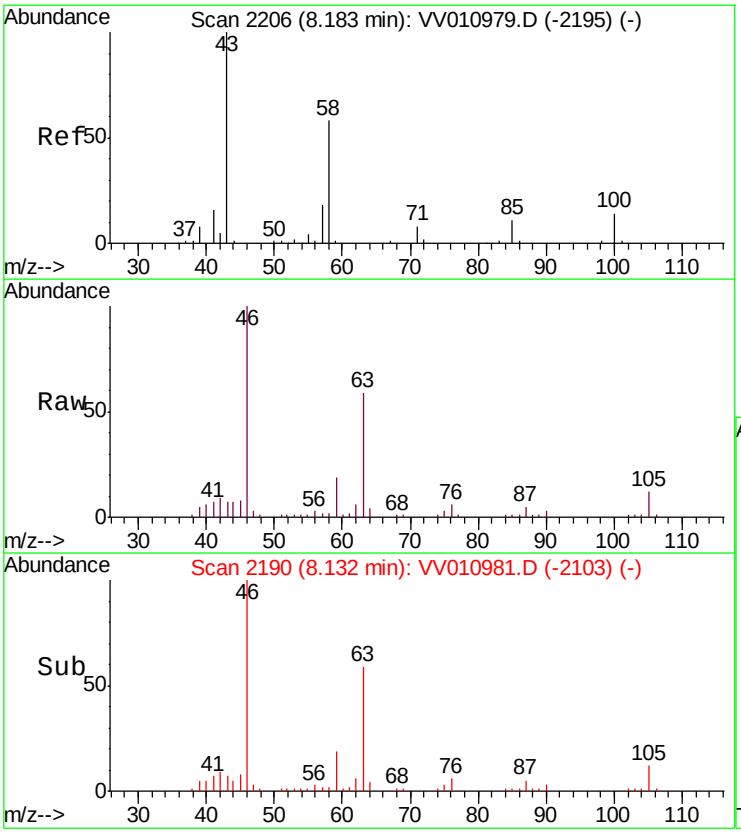
#40
1,2-Dichloropropane
Concen: 3.675 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV010981.D
Acq: 21 May 2019 03:30

Instrument : MSVOA_V
ClientSampleId : BFHA3

Tgt Ion: 63 Resp: 5205

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

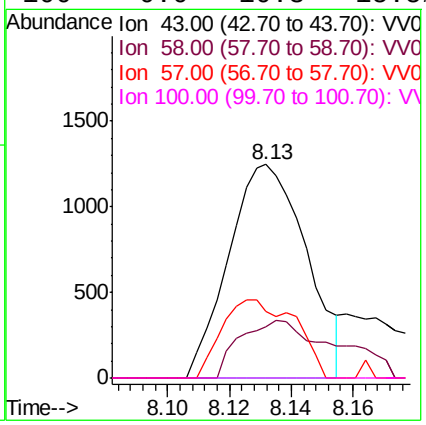


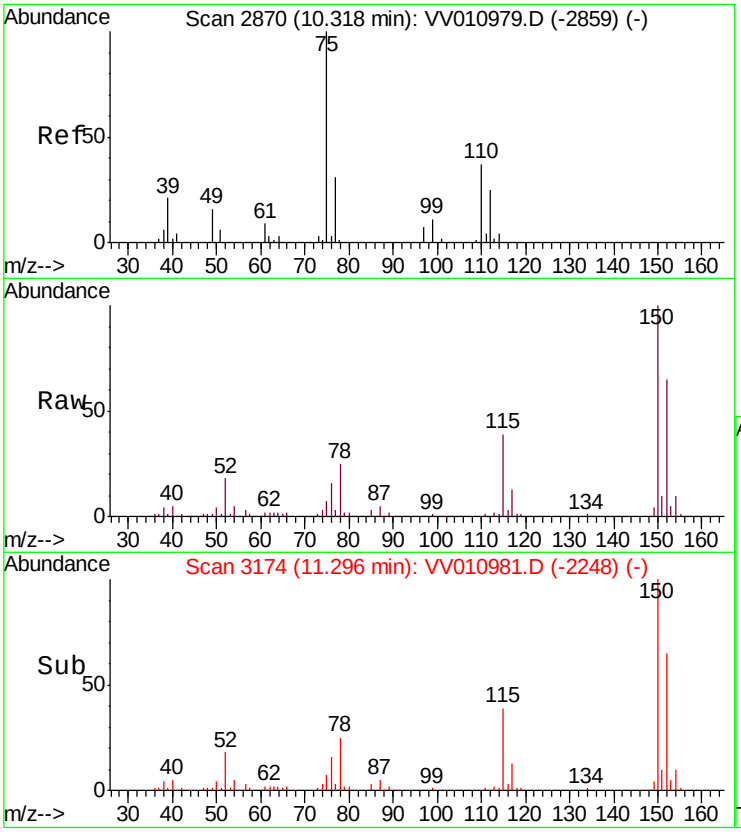


#49
2-Hexanone
Concen: 2.933 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV010981.D
Acq: 21 May 2019 03:30

Tgt Ion: 43 Resp: 2174

Ion	Ratio	Lower	Upper
43	100		
58	22.9	46.0	69.0#
57	24.7	14.5	21.7#
100	0.0	10.3	15.5#





#59
1,2,3-Trichloropropane
Concen: 3.386 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010981.D
Acq: 21 May 2019 03:30

Instrument :
MSVOA_V
ClientSampleId :
BFHA3

Tgt Ion: 75 Resp: 3952

Ion	Ratio	Lower	Upper
75	100		
77	43.2	25.4	38.2#