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

Quantitation Report (Not Reviewed)

Data File : VV010921.D
Acq On : 16 May 2019 03:48
Operator : SY/MD
Sample : K2846-04
Misc : 5.41G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHB2

Quant Time: May 16 08:15:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	134582	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	123273	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41698	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	31050	18.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.44%			
7) Chloroethane-d5	1.56	69	26909	24.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.32%			
10) 1,1-Dichloroethene-d2	2.12	63	47517	14.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.56%			
20) 2-Butanone-d5	3.93	46	25955	48.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.22%			
24) Chloroform-d	4.39	84	81731	21.03	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.12%			
26) 1,2-Dichloroethane-d4	5.08	65	48149	21.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.20%			
29) Benzene-d6	5.09	84	165022	24.19	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.76%			
33) 1,2-Dichloropropane-d6	6.11	67	55809	25.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.56%			
37) Toluene-d8	7.36	98	137652	20.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.96%			
38) trans-1,3-Dichloropropene-	7.66	79	15039	15.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 63.36%			
39) 2-Hexanone-d5	8.13	63	16888	40.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.88%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43016	21.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.24%			
61) 1,2-Dichlorobenzene-d4	11.67	152	40253	23.11	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.44%			
Target Compounds						Qvalue
6) Bromomethane	1.51	94	391	0.875	ug/L	97
13) Acetone	2.18	43	4152	7.556	ug/L	99
14) Carbon disulfide	2.30	76	3978	0.852	ug/L #	89
25) Chloroform	4.42	83	5075	1.308	ug/L	98
35) Trichloroethene	5.96	95	4740	2.545	ug/L	97
40) 1,2-Dichloropropane	6.11	63	5987	3.059	ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	5558	3.685	ug/L	98

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

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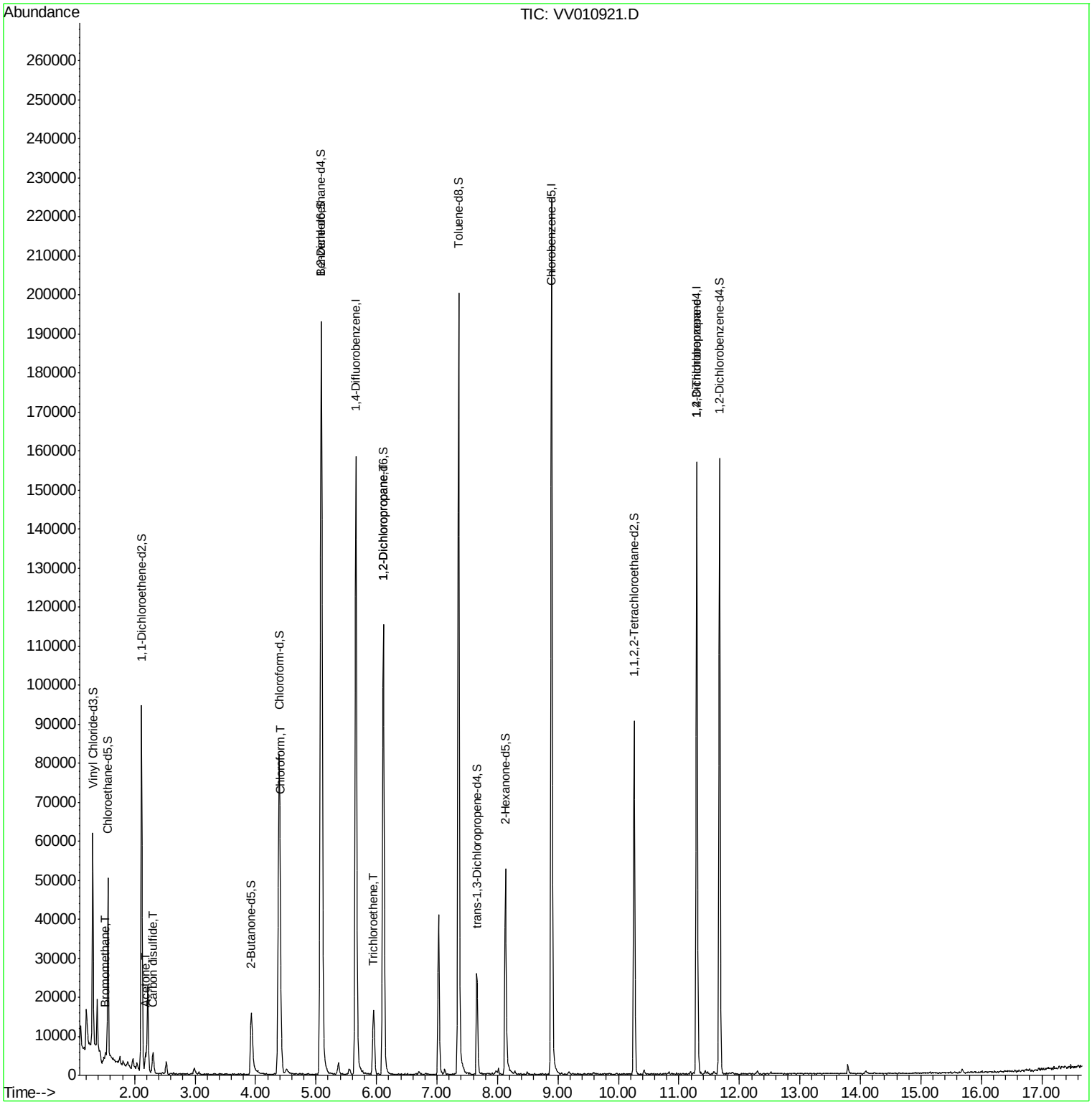
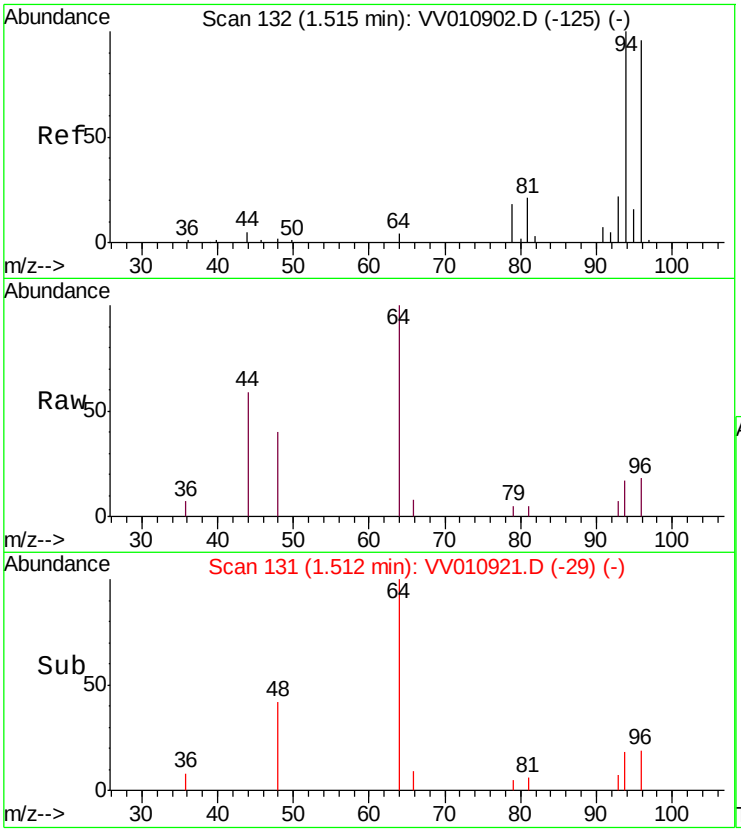
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration



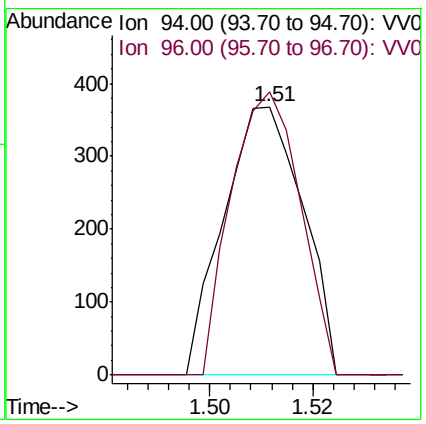


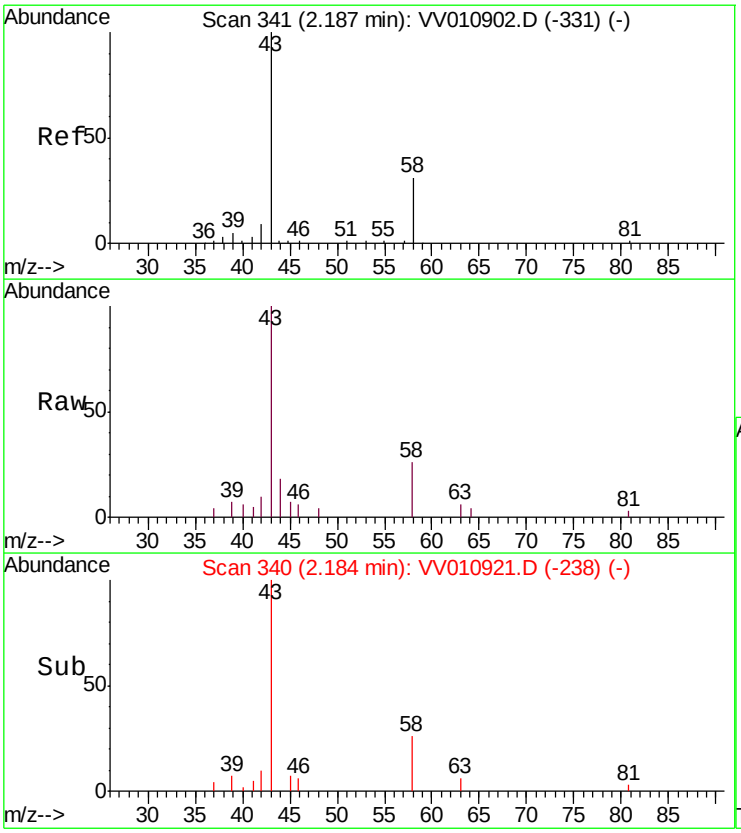
#6
Bromomethane
Concen: 0.875 ug/L
RT: 1.51 min Scan# 131
Delta R.T. -0.00 min
Lab File: VV010921.D
Acq: 16 May 2019 03:48

Instrument :
MSVOA_V
ClientSampleId :
BFHB2

Tgt Ion: 94 Resp: 391

Ion	Ratio	Lower	Upper
94	100		
96	92.3	9.6	181.6

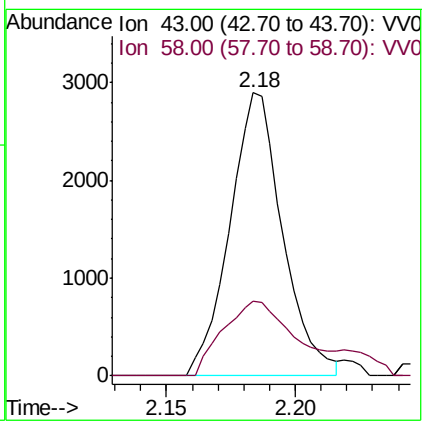


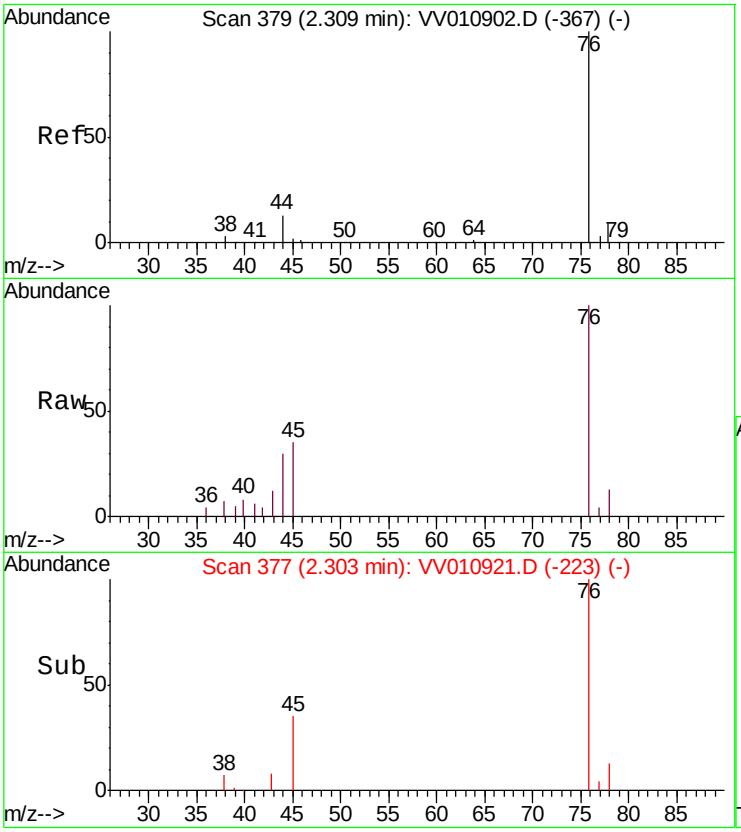


#13
Acetone
Concen: 7.556 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV010921.D
Acq: 16 May 2019 03:48

Tgt Ion: 43 Resp: 4152

Ion	Ratio	Lower	Upper
43	100		
58	35.3	0.0	69.2



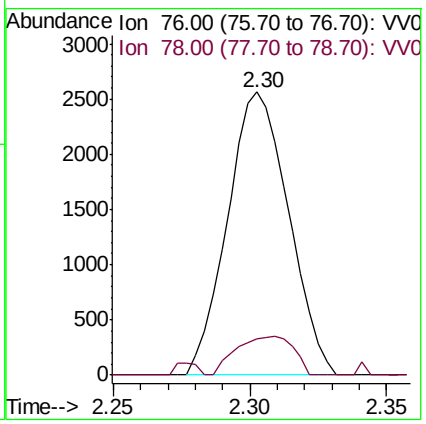


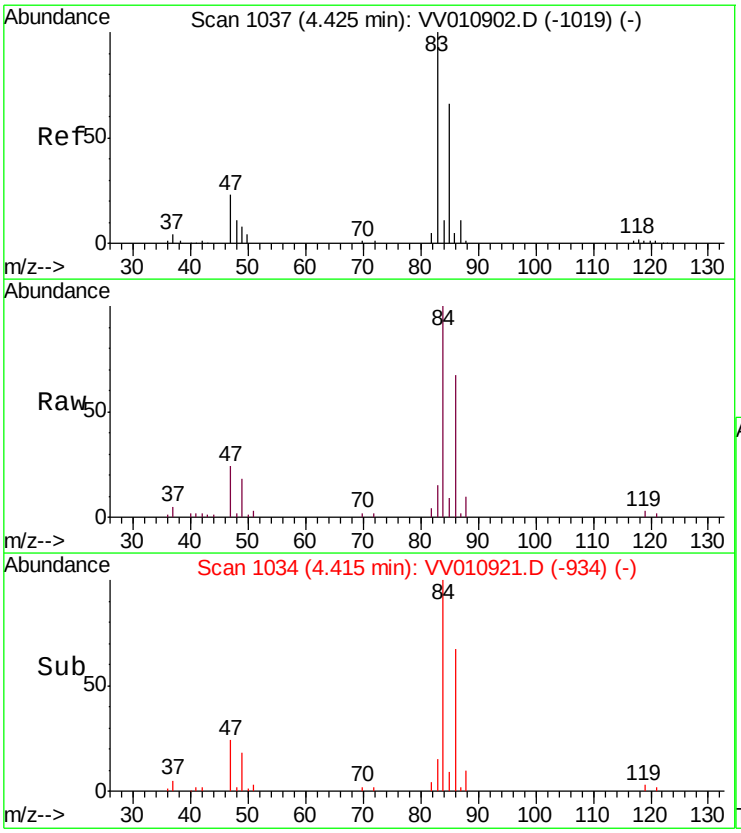
#14
Carbon disulfide
Concen: 0.852 ug/L
RT: 2.30 min Scan# 377
Delta R.T. -0.01 min
Lab File: VV010921.D
Acq: 16 May 2019 03:48

Instrument :
MSVOA_V
ClientSampleId :
BFHB2

Tgt Ion: 76 Resp: 3978

Ion	Ratio	Lower	Upper
76	100		
78	12.8	7.2	10.8#

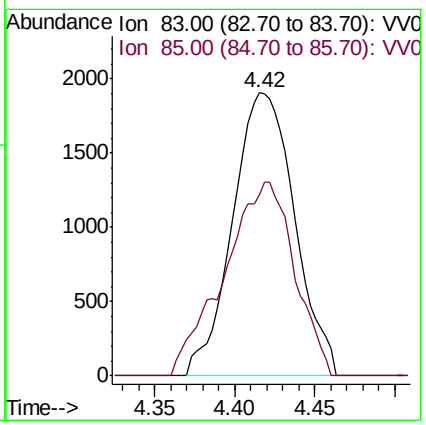


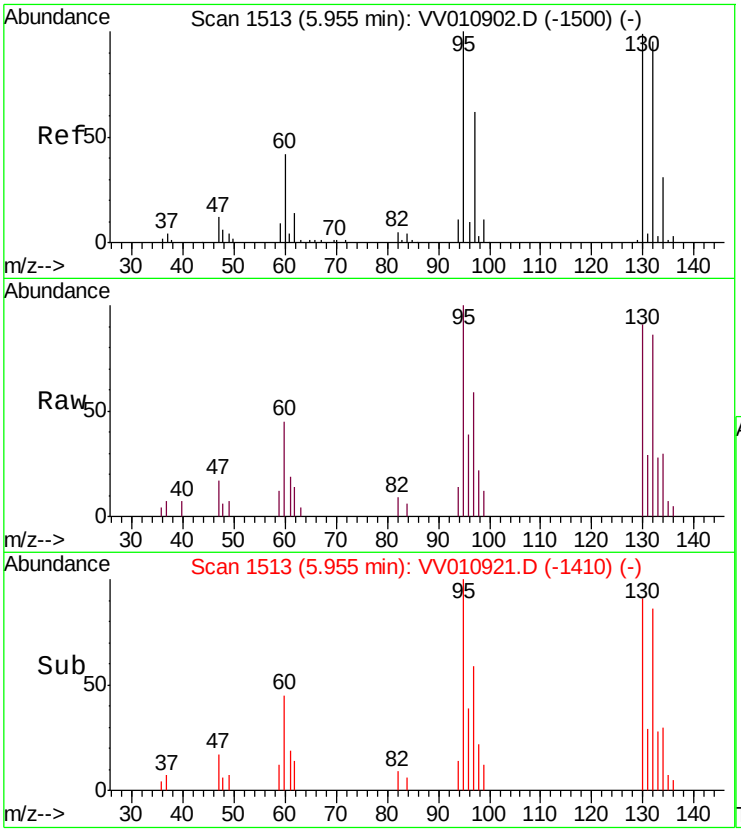


#25
Chloroform
Concen: 1.308 ug/L
RT: 4.42 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VV010921.D
Acq: 16 May 2019 03:48

Tgt Ion: 83 Resp: 5075

Ion	Ratio	Lower	Upper
83	100		
85	65.9	45.3	84.1



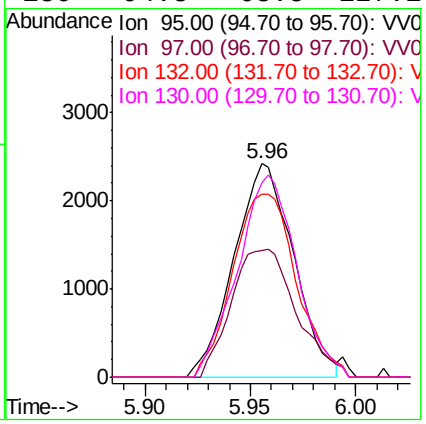


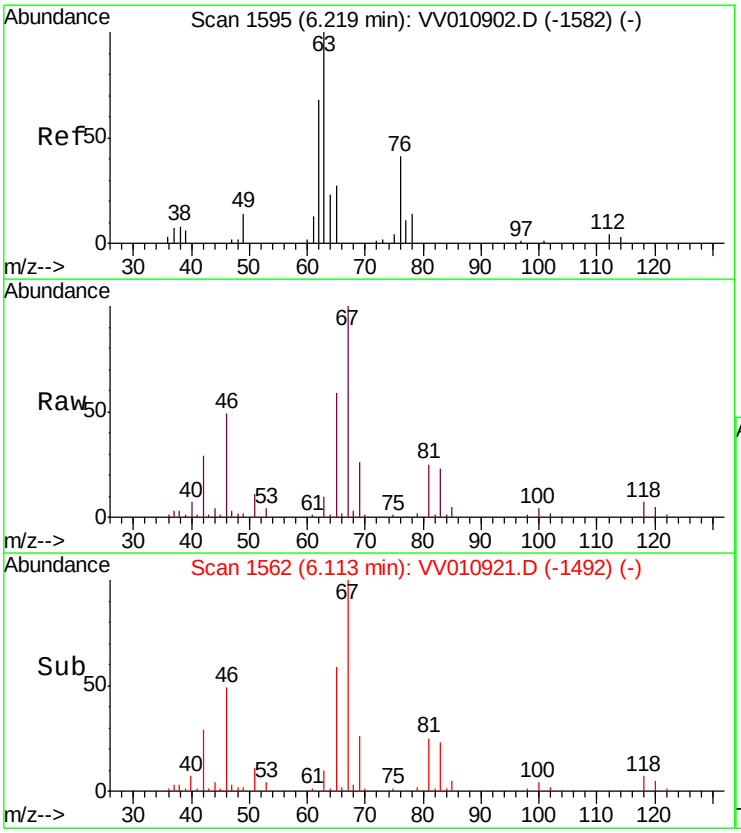
#35
Trichloroethene
Concen: 2.545 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV010921.D
Acq: 16 May 2019 03:48

Instrument :
MSVOA_V
ClientSampleId :
BFHB2

Tgt Ion: 95 Resp: 4740

Ion	Ratio	Lower	Upper
95	100		
97	65.5	46.0	85.4
132	91.9	67.4	125.2
130	94.3	68.5	127.1

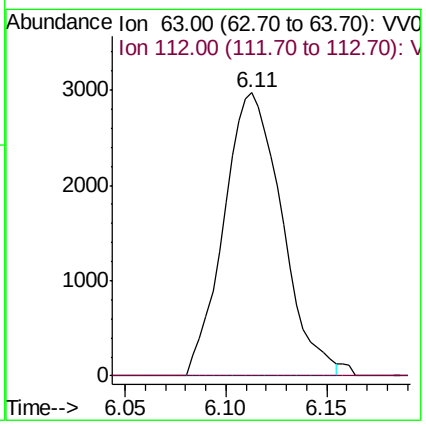


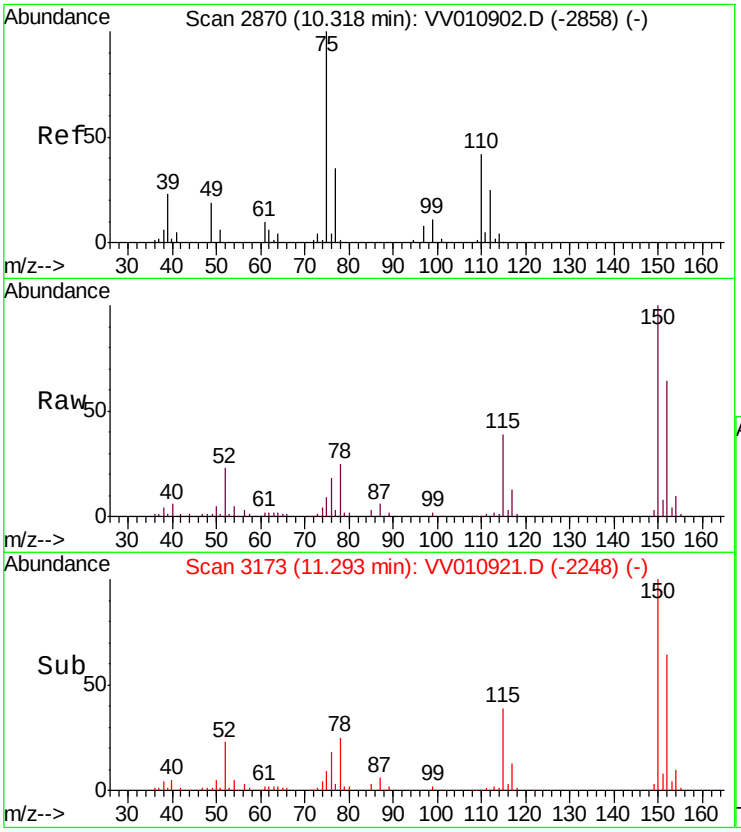


#40
1,2-Dichloropropane
Concen: 3.059 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010921.D
Acq: 16 May 2019 03:48

Tgt Ion: 63 Resp: 5987

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#59
1,2,3-Trichloropropane
Concen: 3.685 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010921.D
Acq: 16 May 2019 03:48

Instrument :
MSVOA_V
ClientSampleId :
BFHB2

Tgt Ion: 75 Resp: 5558

Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.4	39.6