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

Quantitation Report (Not Reviewed)

Data File : VV010971.D
Acq On : 20 May 2019 21:26
Operator : SY/MD
Sample : K2846-12
Misc : 4.23G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHB1

Quant Time: May 21 04:07:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	79464	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	75012	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	27664	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	16431	18.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.56%			
7) Chloroethane-d5	1.57	69	13261	21.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.48%			
10) 1,1-Dichloroethene-d2	2.12	63	25348	14.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.20%			
20) 2-Butanone-d5	3.94	46	22537	72.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 144.20%#			
24) Chloroform-d	4.40	84	38821	18.86	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 75.44%			
26) 1,2-Dichloroethane-d4	5.08	65	30155	24.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.44%			
29) Benzene-d6	5.10	84	99358	24.26	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.04%			
33) 1,2-Dichloropropane-d6	6.12	67	33237	25.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.16%			
37) Toluene-d8	7.36	98	77349	20.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.28%			
38) trans-1,3-Dichloropropene-	7.66	79	10018	18.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.00%			
39) 2-Hexanone-d5	8.13	63	15580	64.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.40%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	36012	27.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.88%			
61) 1,2-Dichlorobenzene-d4	11.67	152	27097	24.12	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.48%			

Target Compounds						Qvalue
6) Bromomethane	1.51	94	247	0.664	ug/L	71
13) Acetone	2.19	43	1685	5.590	ug/L	77
14) Carbon disulfide	2.31	76	4332	1.845	ug/L #	90
16) Methylene chloride	2.53	84	4468	3.276	ug/L	88
25) Chloroform	4.42	83	7621	3.197	ug/L #	47
40) 1,2-Dichloropropane	6.12	63	3755	3.304	ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	3257	3.477	ug/L	90

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

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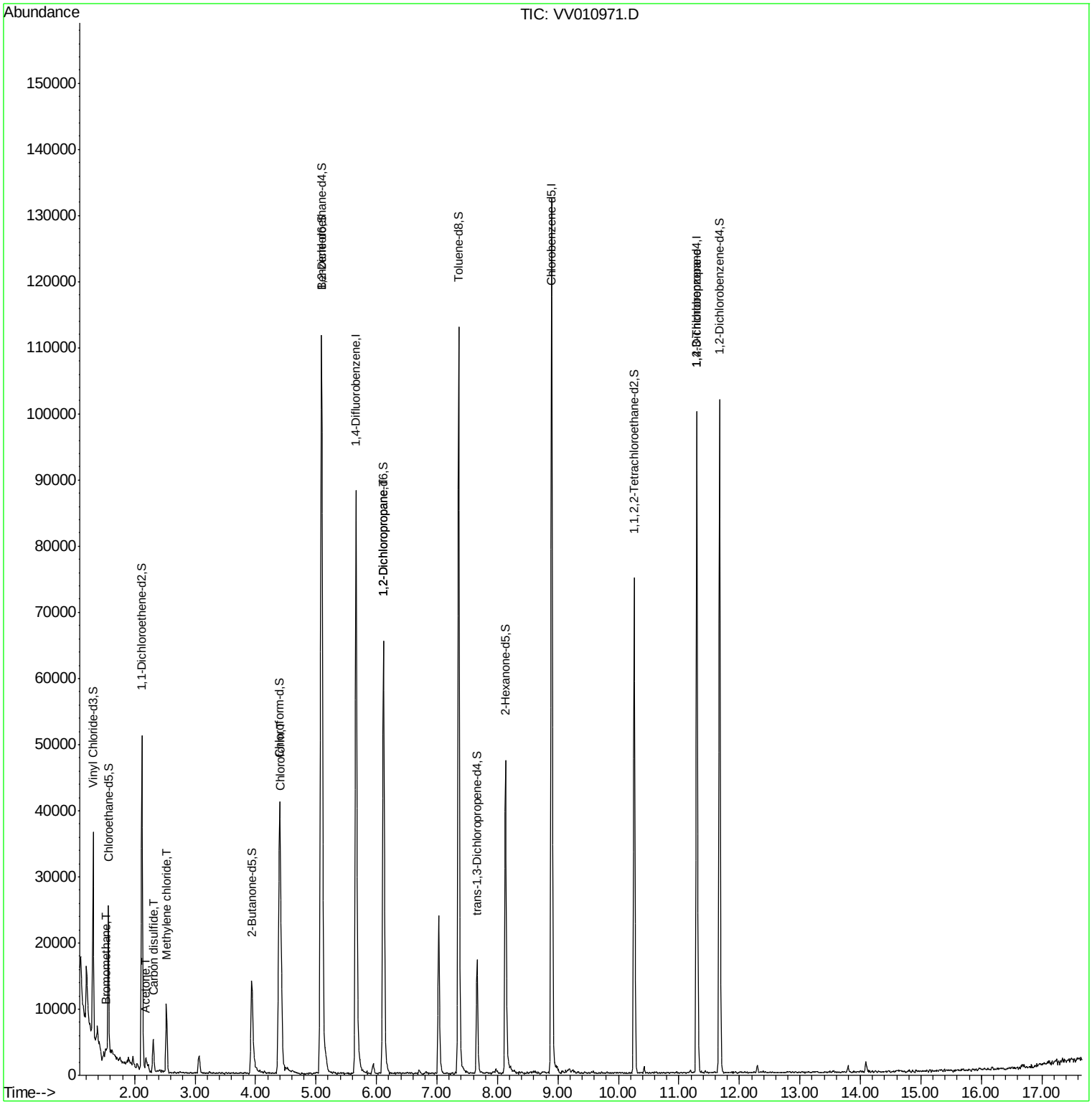
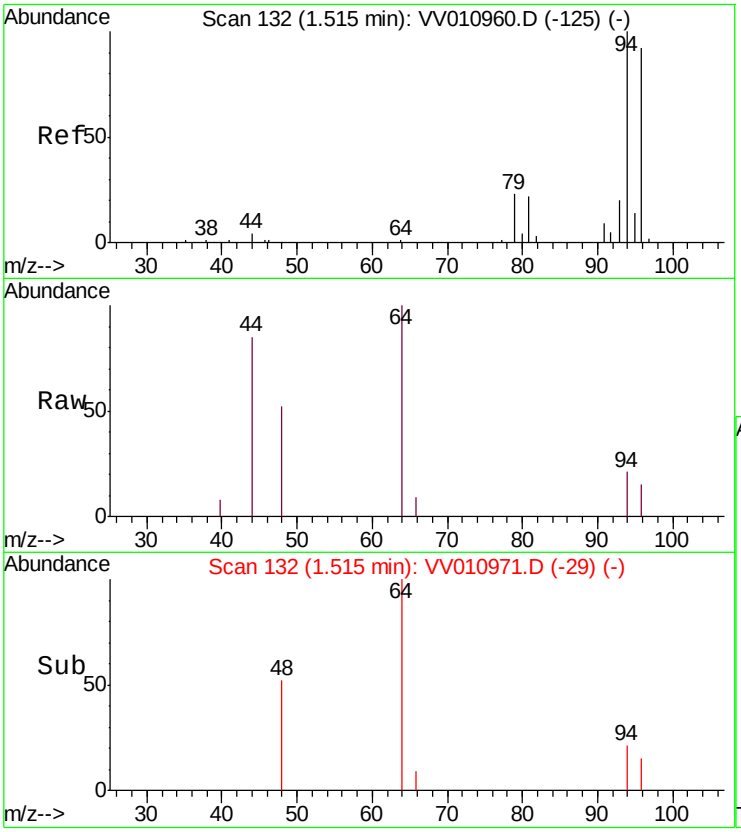
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration



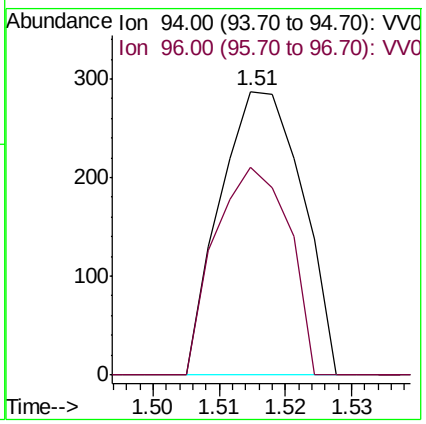


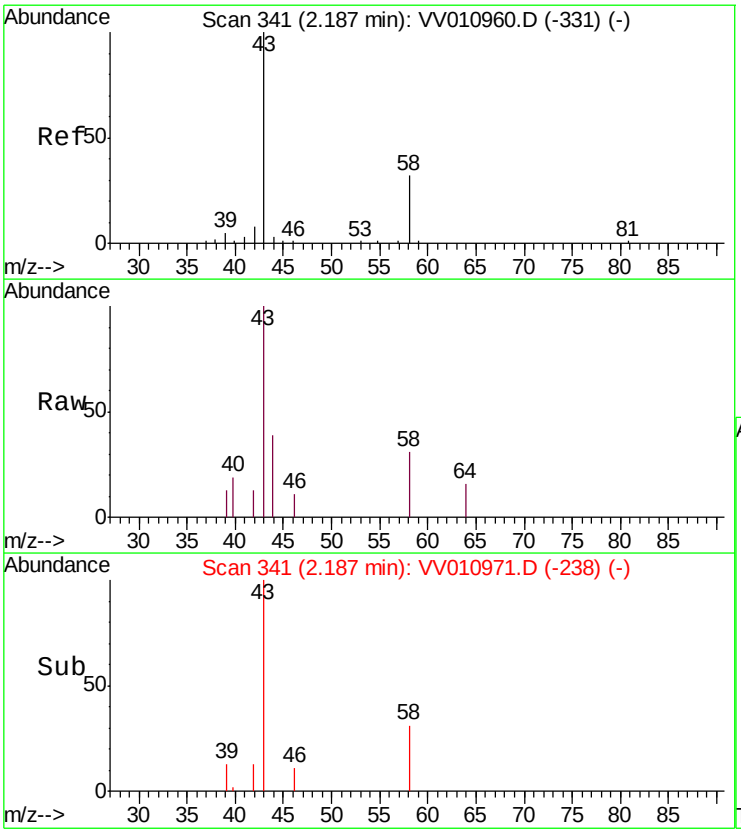
#6
Bromomethane
Concen: 0.664 ug/L
RT: 1.51 min Scan# 132
Delta R.T. 0.00 min
Lab File: VV010971.D
Acq: 20 May 2019 21:26

Instrument :
MSVOA_V
ClientSampleId :
BFHB1

Tgt Ion: 94 Resp: 247

Ion	Ratio	Lower	Upper
94	100		
96	66.0	9.3	177.7

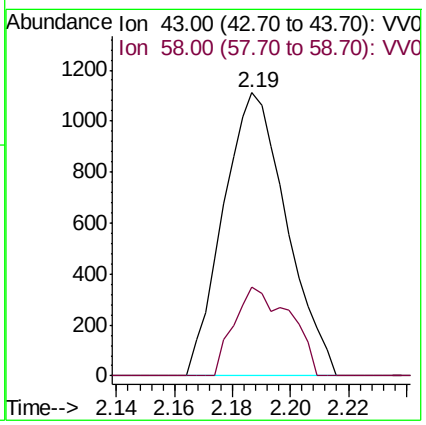


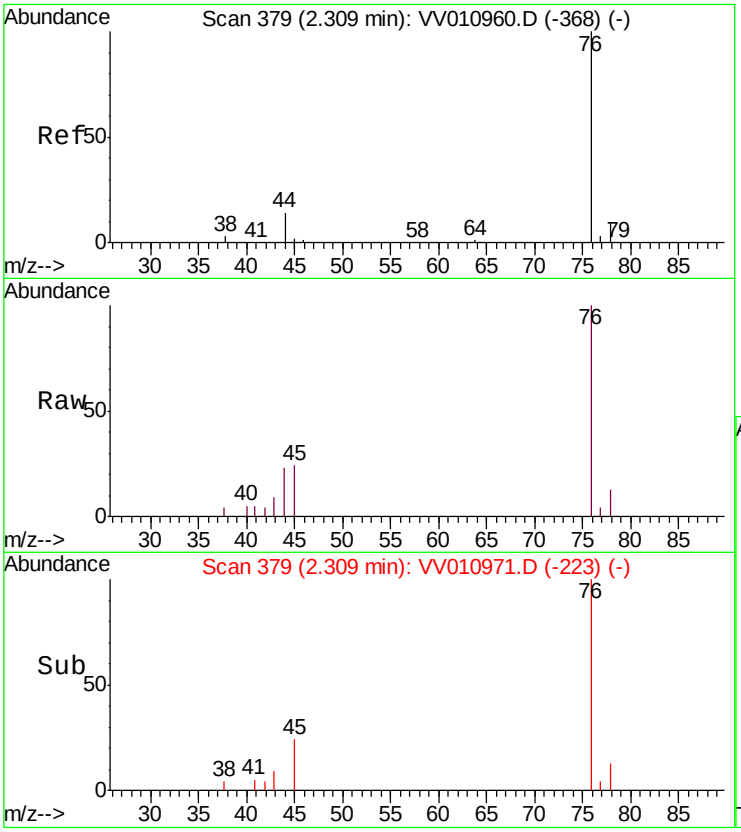


#13
Acetone
Concen: 5.590 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010971.D
Acq: 20 May 2019 21:26

Tgt Ion: 43 Resp: 1685

Ion	Ratio	Lower	Upper
43	100		
58	17.7	0.0	60.8



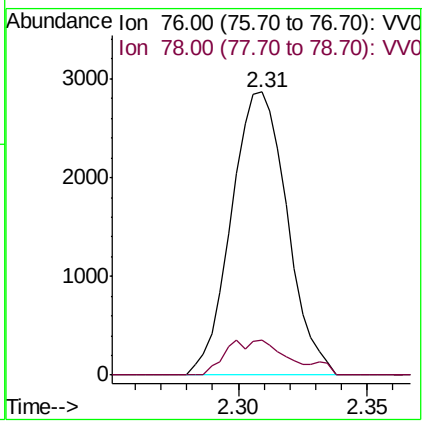


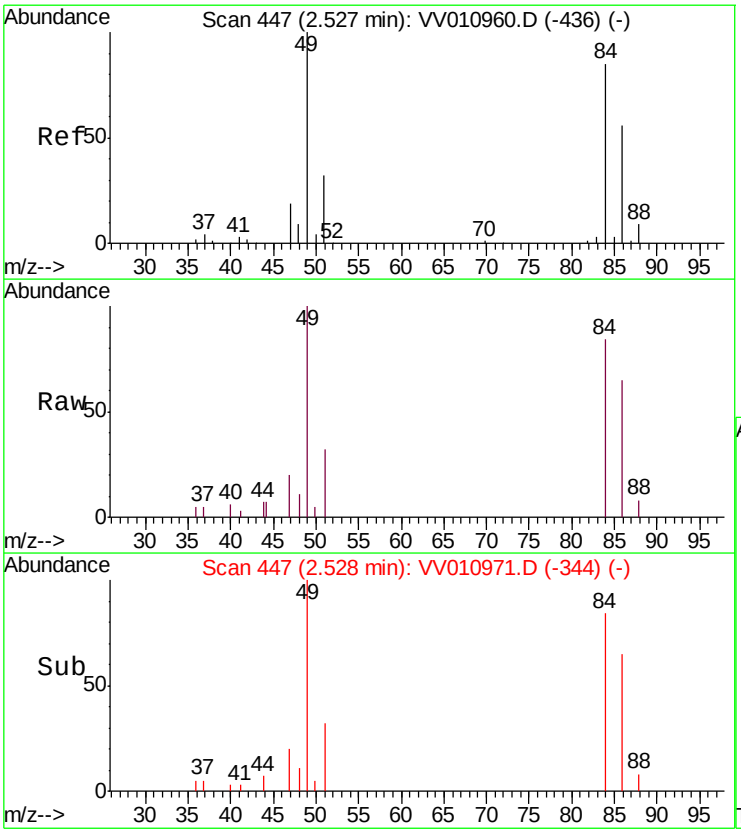
#14
Carbon disulfide
Concen: 1.845 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV010971.D
Acq: 20 May 2019 21:26

Instrument :
MSVOA_V
ClientSampleId :
BFHB1

Tgt Ion: 76 Resp: 4332

Ion	Ratio	Lower	Upper
76	100		
78	12.5	7.2	10.8#

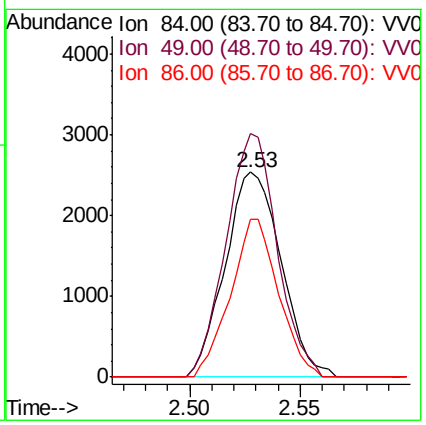


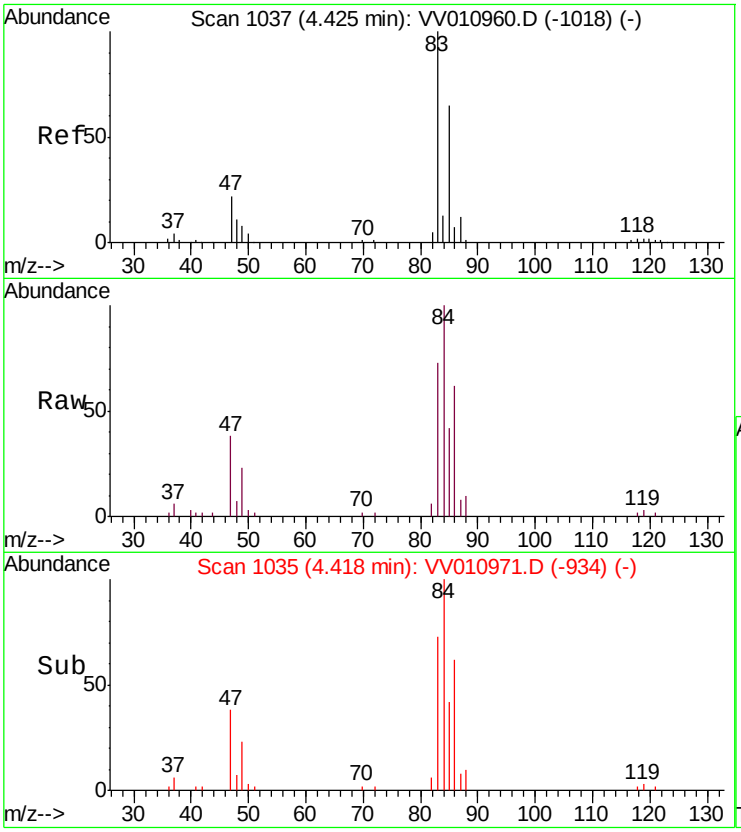


#16
Methylene chloride
Concen: 3.276 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV010971.D
Acq: 20 May 2019 21:26

Tgt Ion: 84 Resp: 4468

Ion	Ratio	Lower	Upper
84	100		
49	118.7	77.4	143.8
86	77.1	44.0	81.6



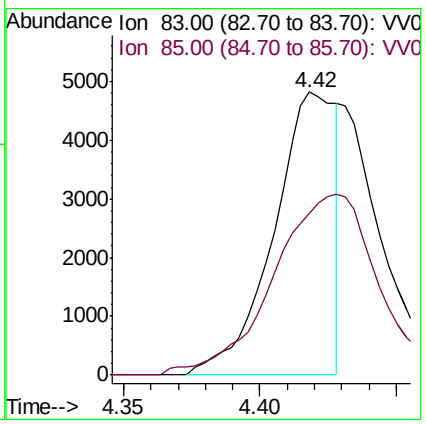


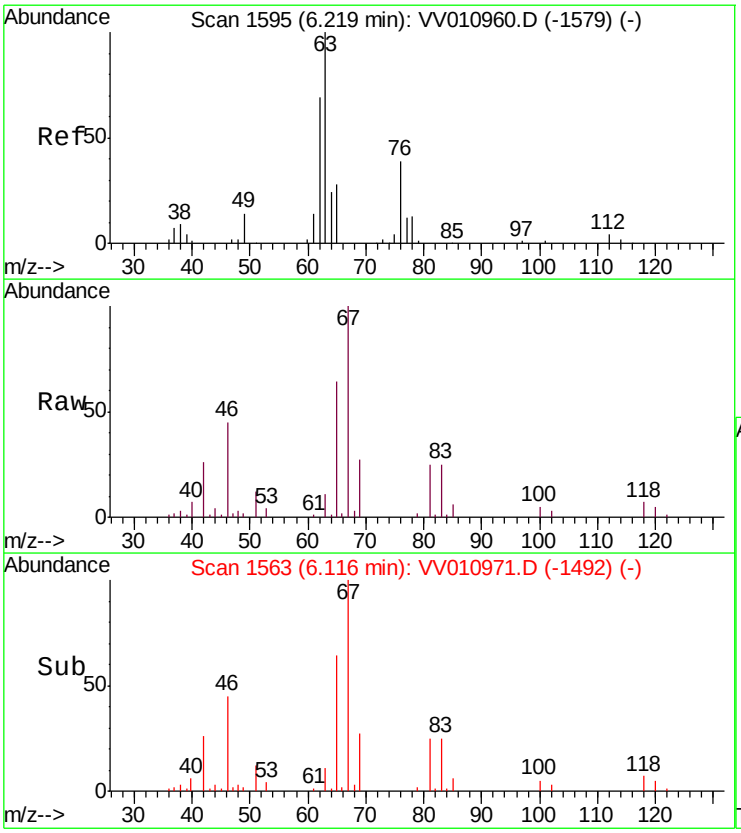
#25
Chloroform
Concen: 3.197 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV010971.D
Acq: 20 May 2019 21:26

Instrument :
MSVOA_V
ClientSampleId :
BFHB1

Tgt Ion: 83 Resp: 7621

Ion	Ratio	Lower	Upper
83	100		
85	107.5	45.6	84.8#

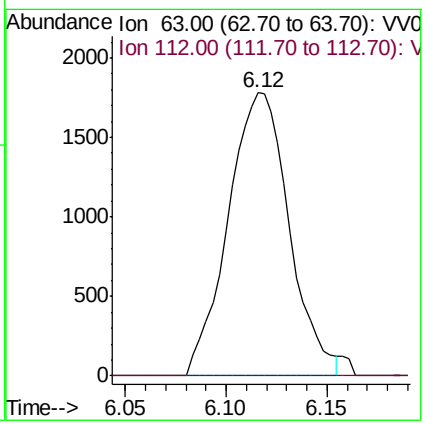


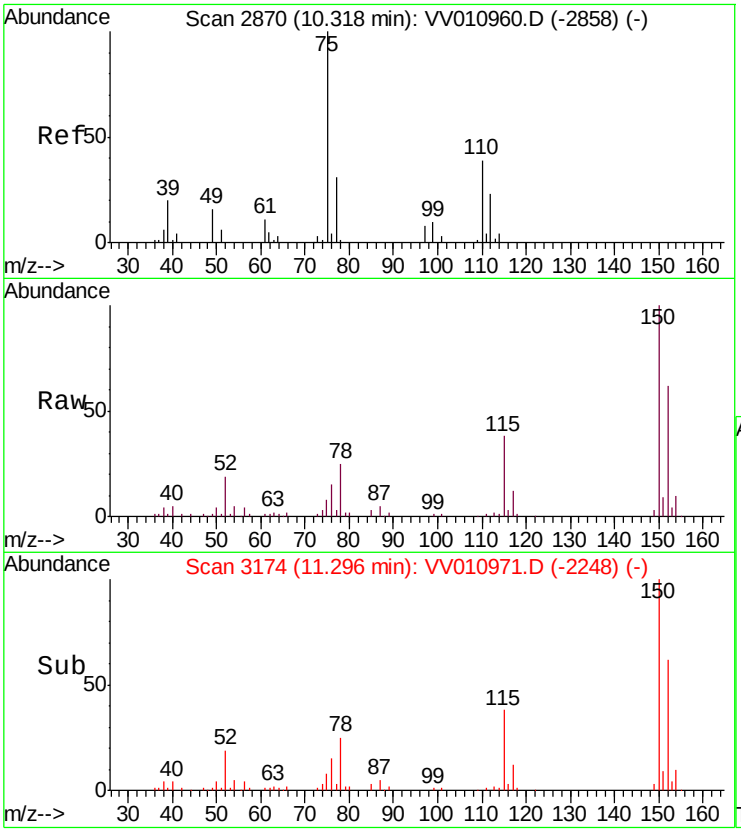


#40
1,2-Dichloropropane
Concen: 3.304 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010971.D
Acq: 20 May 2019 21:26

Tgt Ion: 63 Resp: 3755

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#





#59
1,2,3-Trichloropropane
Concen: 3.477 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010971.D
Acq: 20 May 2019 21:26

Instrument :
MSVOA_V
ClientSampleId :
BFHB1

Tgt Ion: 75 Resp: 3257

Ion	Ratio	Lower	Upper
75	100		
77	37.4	25.4	38.2