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

Quantitation Report (Not Reviewed)

Data File : VV010935.D
Acq On : 16 May 2019 18:26
Operator : SY/MD
Sample : K2846-04
Misc : 3.64G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHB2RE

Quant Time: May 17 06:31:50 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	95709	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	81029	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	21537	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	26224	21.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.04%			
7) Chloroethane-d5	1.57	69	23148	29.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.52%			
10) 1,1-Dichloroethene-d2	2.12	63	37854	16.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.64%			
20) 2-Butanone-d5	3.94	46	18749	48.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.74%			
24) Chloroform-d	4.40	84	64338	23.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.12%			
26) 1,2-Dichloroethane-d4	5.08	65	35873	22.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.32%			
29) Benzene-d6	5.09	84	130702	29.14	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 116.56%			
33) 1,2-Dichloropropane-d6	6.12	67	44570	31.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 124.60%#			
37) Toluene-d8	7.36	98	101264	23.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.00%			
38) trans-1,3-Dichloropropene-	7.66	79	10499	16.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 67.28%			
39) 2-Hexanone-d5	8.13	63	11102	40.95	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.90%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	32533	24.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.04%			
61) 1,2-Dichlorobenzene-d4	11.67	152	24326	27.04	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.16%			
Target Compounds						Qvalue
6) Bromomethane	1.52	94	619	1.948	ug/L	71
13) Acetone	2.19	43	1787	4.573	ug/L	96
14) Carbon disulfide	2.31	76	5295	1.594	ug/L #	93
25) Chloroform	4.42	83	4910	1.780	ug/L	78
40) 1,2-Dichloropropane	6.11	63	4715	3.665	ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	3020	3.047	ug/L	99

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

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Instrument : MSVOA_V
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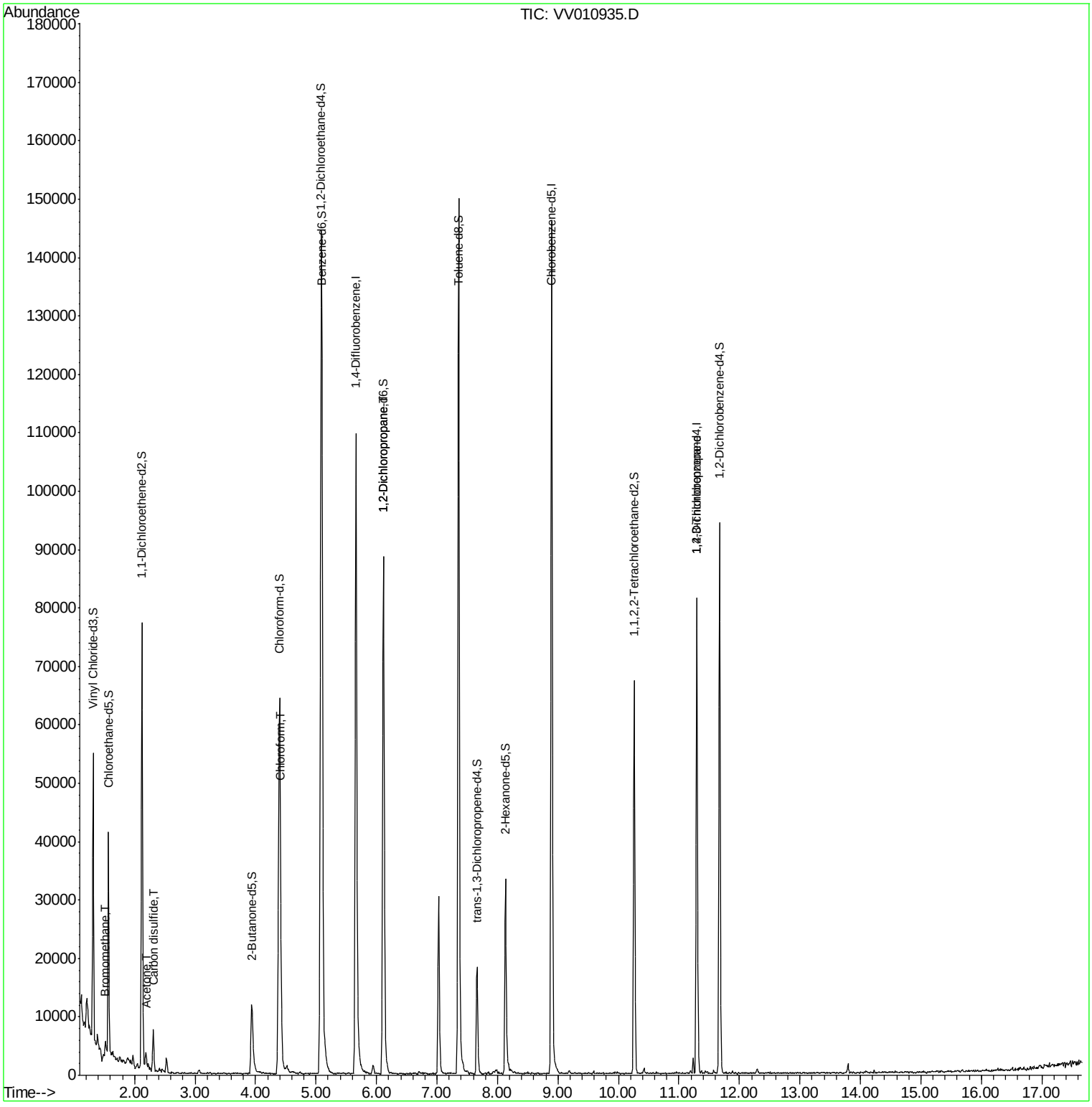
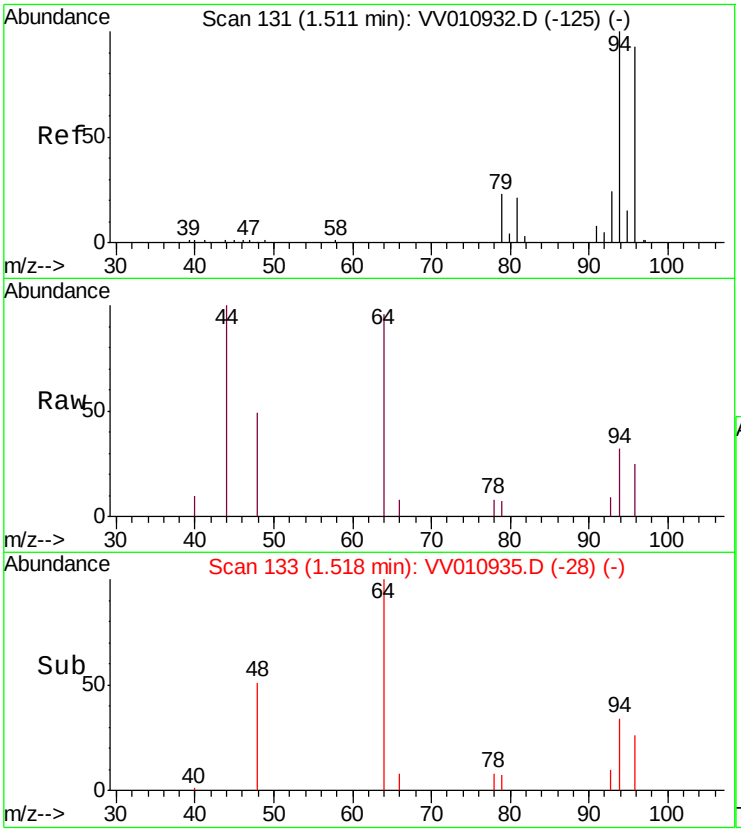
Quant Time: May 17 06:31:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 06:28:25 2019
Response via : Initial Calibration



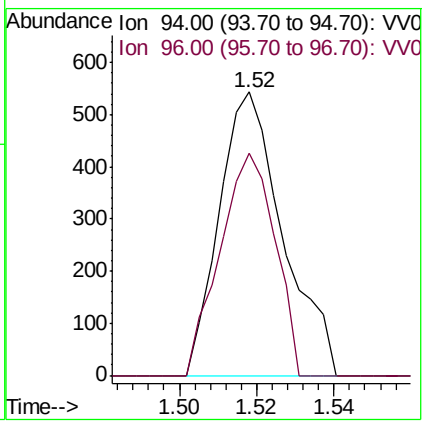


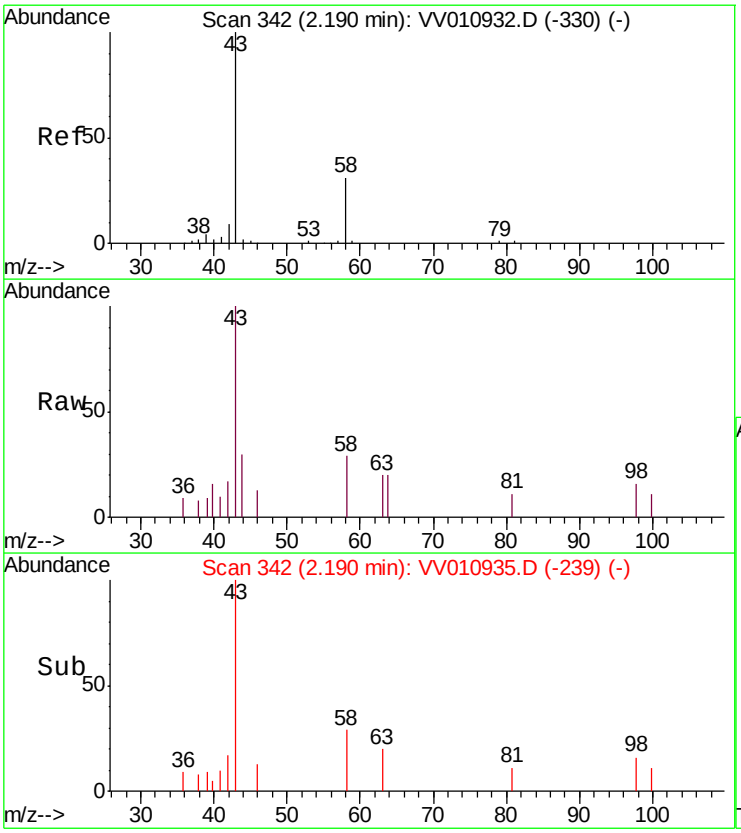
#6
Bromomethane
Concen: 1.948 ug/L
RT: 1.52 min Scan# 133
Delta R.T. 0.01 min
Lab File: VV010935.D
Acq: 16 May 2019 18:26

Instrument :
MSVOA_V
ClientSampleId :
BFHB2RE

Tgt Ion: 94 Resp: 619

Ion	Ratio	Lower	Upper
94	100		
96	67.7	9.6	181.6

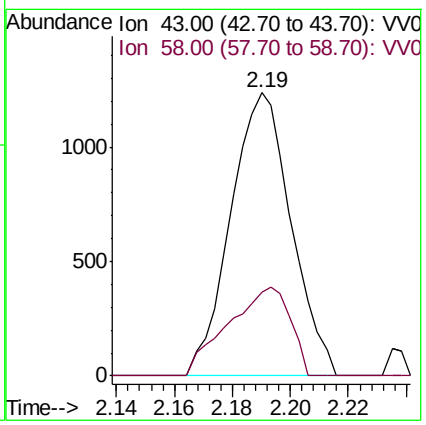


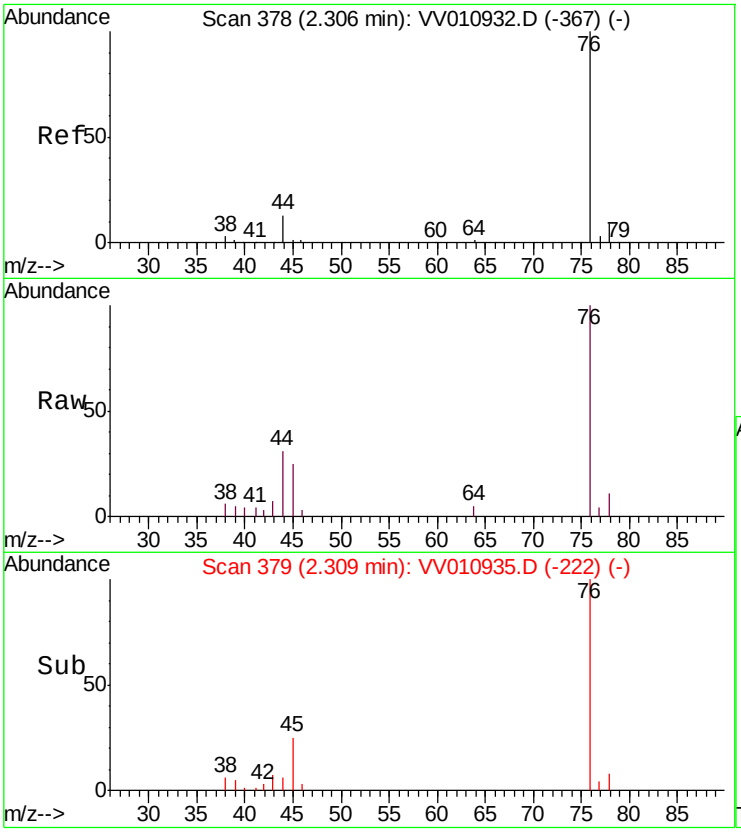


#13
Acetone
Concen: 4.573 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010935.D
Acq: 16 May 2019 18:26

Tgt Ion: 43 Resp: 1787

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	69.2



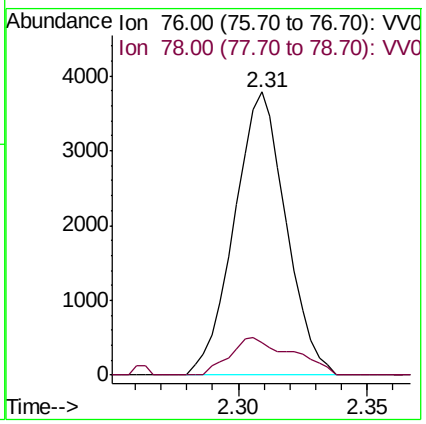


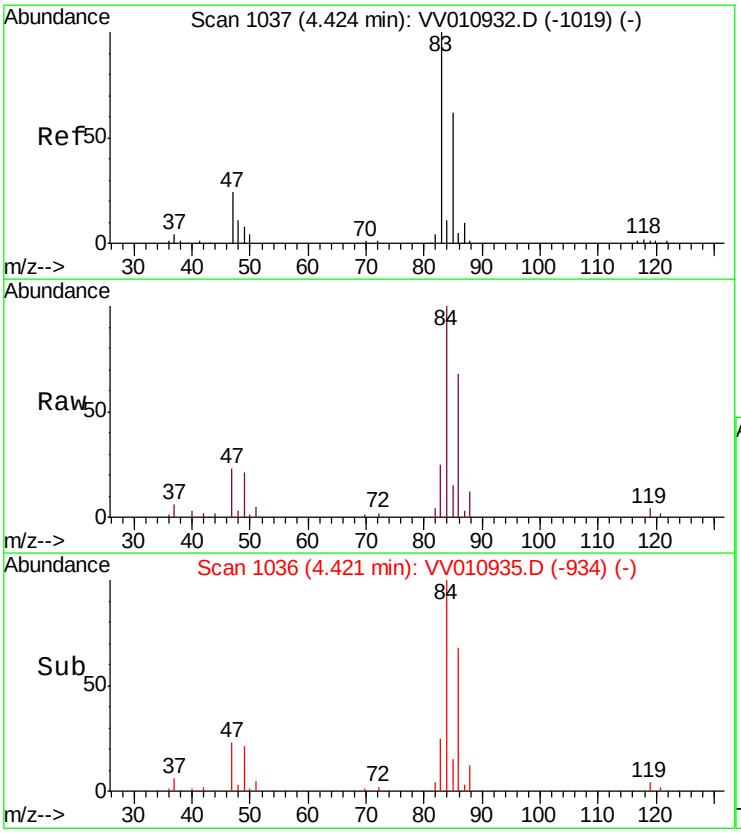
#14
Carbon disulfide
Concen: 1.594 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV010935.D
Acq: 16 May 2019 18:26

Instrument :
MSVOA_V
ClientSampleId :
BFHB2RE

Tgt Ion: 76 Resp: 5295

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.2	10.8#

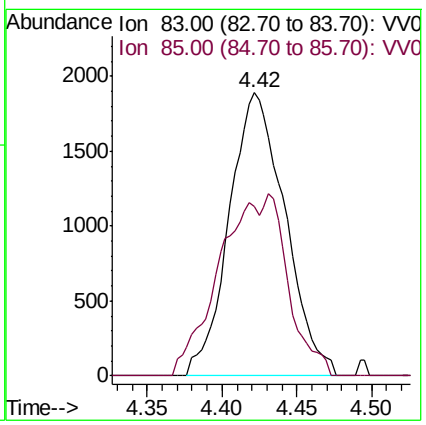


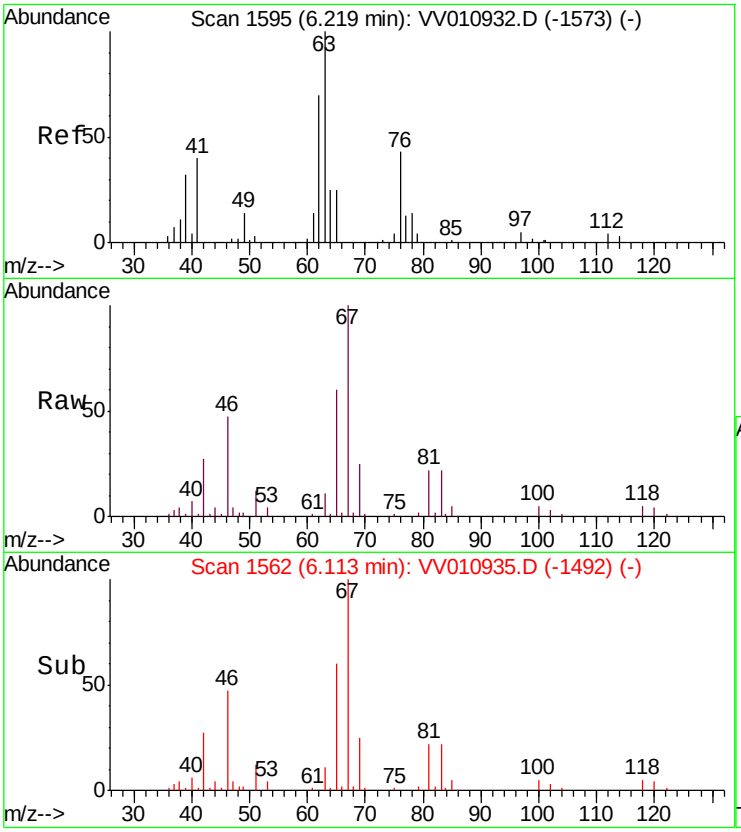


#25
Chloroform
Concen: 1.780 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010935.D
Acq: 16 May 2019 18:26

Tgt Ion: 83 Resp: 4910

Ion	Ratio	Lower	Upper
83	100		
85	47.4	45.3	84.1



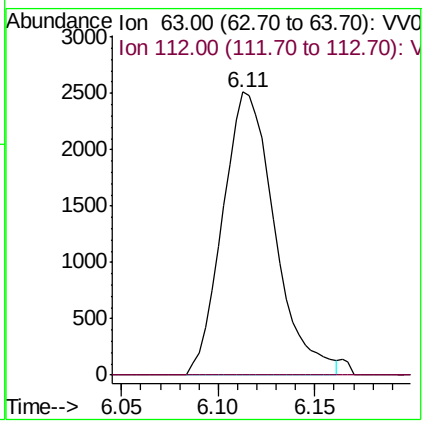


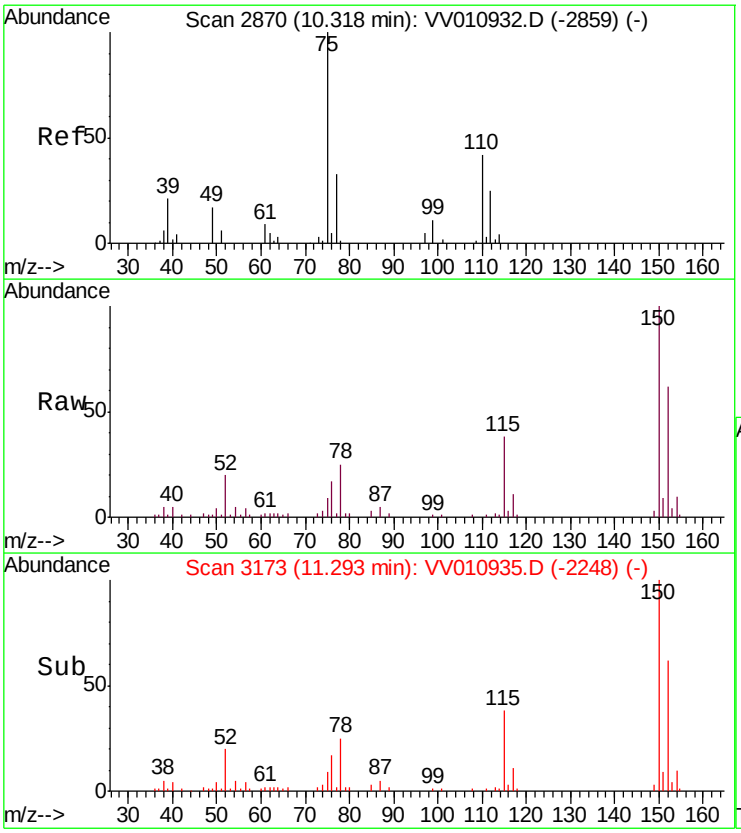
#40
1,2-Dichloropropane
Concen: 3.665 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010935.D
Acq: 16 May 2019 18:26

Instrument :
MSVOA_V
ClientSampleId :
BFHB2RE

Tgt Ion: 63 Resp: 4715

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#59
1,2,3-Trichloropropane
Concen: 3.047 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010935.D
Acq: 16 May 2019 18:26

Tgt Ion: 75 Resp: 3020

Ion	Ratio	Lower	Upper
75	100		
77	33.5	26.4	39.6