Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040519\
Data File : VV010140.D
Acq On : 05 Apr 2019 19:14
Operator : SY/MD
Sample : K2168-18
Misc : 6.56G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF675

Quant Time: Apr 05 23:50:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	98957	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	118407	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52498	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	7934	5.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 23.96%#			
7) Chloroethane-d5	1.57	69	15923	9.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 38.72%			
10) 1,1-Dichloroethene-d2	2.13	63	23280	6.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 27.88%#			
20) 2-Butanone-d5	3.93	46	18544	49.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.38%			
24) Chloroform-d	4.40	84	72660	29.14	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 116.56%			
26) 1,2-Dichloroethane-d4	5.08	65	67351	48.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 193.16%#			
29) Benzene-d6	5.10	84	131071	21.35	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.40%			
33) 1,2-Dichloropropane-d6	6.12	67	56051	30.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 123.72%#			
37) Toluene-d8	7.36	98	121587	20.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.20%			
38) trans-1,3-Dichloropropene-	7.66	79	21479	27.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 110.92%			
39) 2-Hexanone-d5	8.13	63	10602	29.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 58.34%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	69075	38.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 154.60%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	61018	29.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 119.36%			
Target Compounds						Qvalue
13) Acetone	2.19	43	11848	31.789	ug/L	99
14) Carbon disulfide	2.31	76	1619	0.577	ug/L #	75
15) Methyl Acetate	2.46	43	2390	4.008	ug/L #	57
16) Methylene chloride	2.53	84	13757	7.913	ug/L	94
25) Chloroform	4.42	83	4104	1.824	ug/L #	23
42) cis-1,3-Dichloropropene	7.03	75	1679	0.793	ug/L #	62
45) trans-1,3-Dichloropropene	7.66	75	1021	0.567	ug/L #	39
59) 1,2,3-Trichloropropane	11.30	75	6270	5.248	ug/L	95

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

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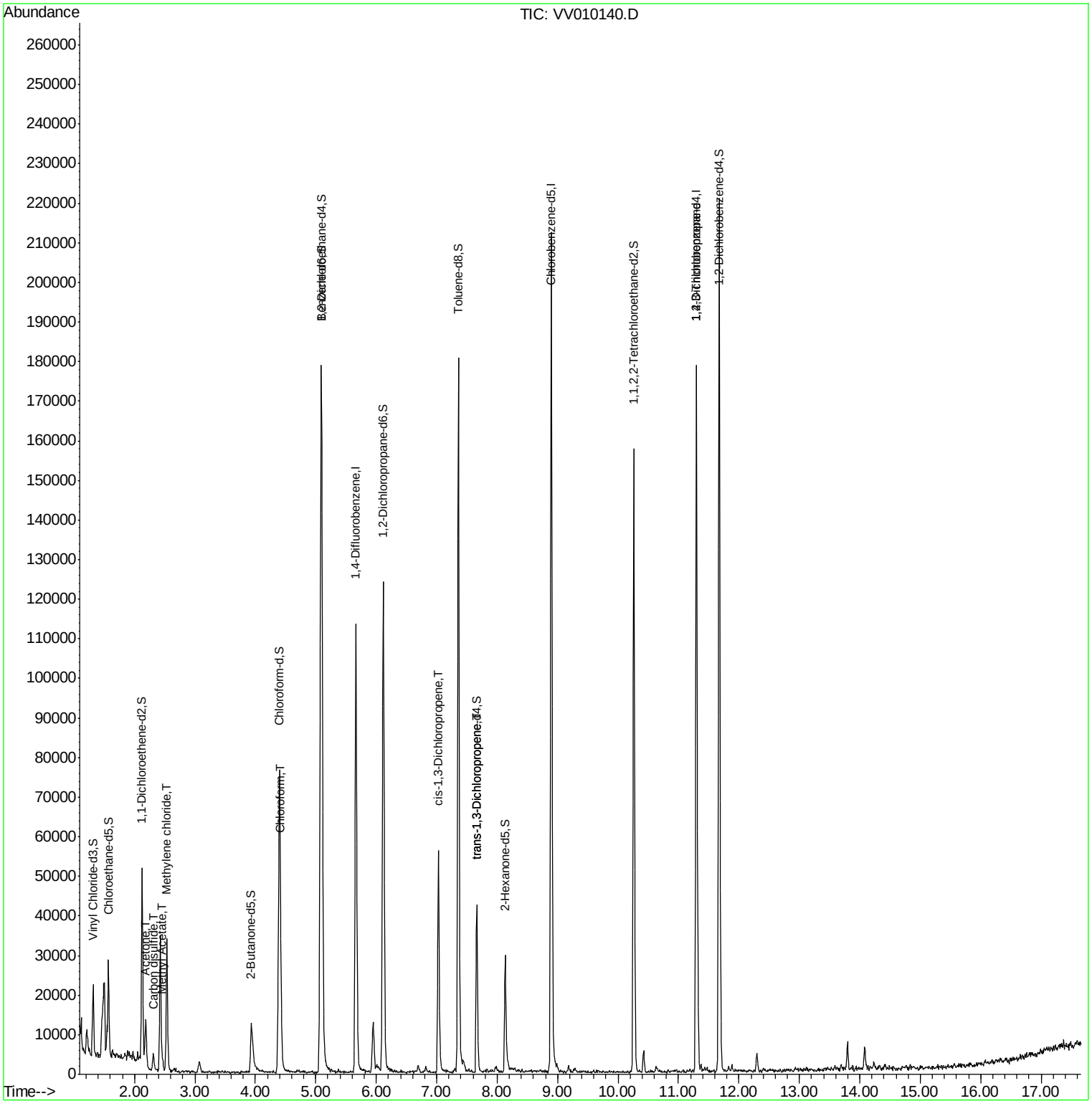
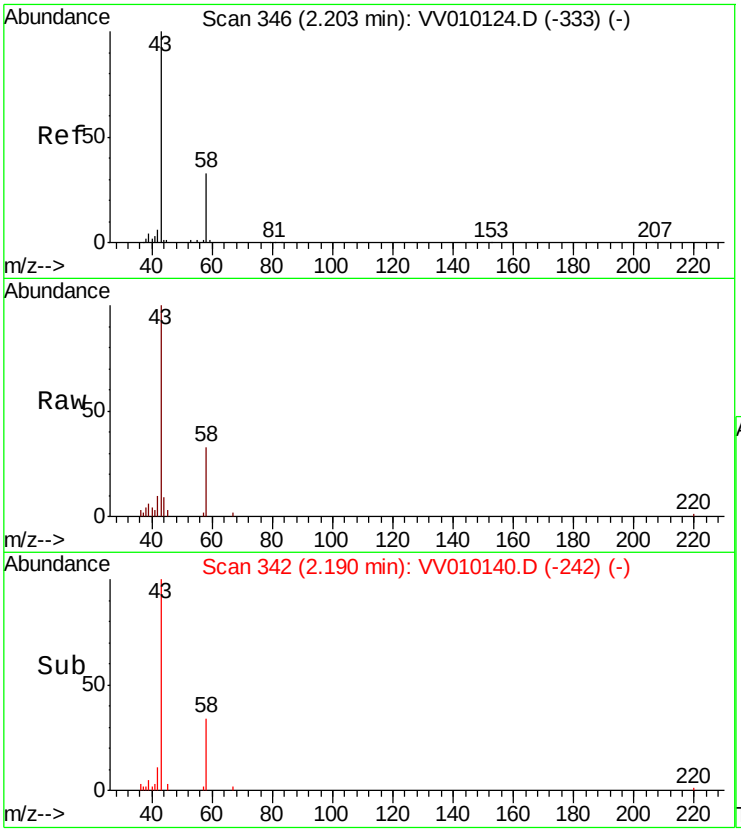


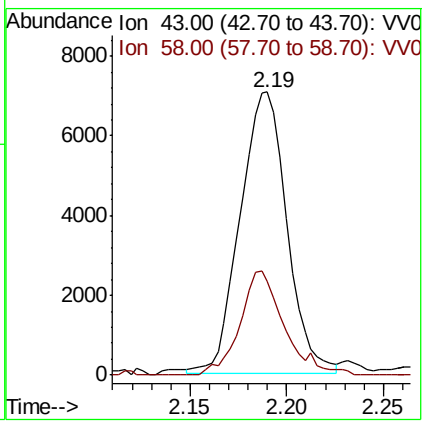


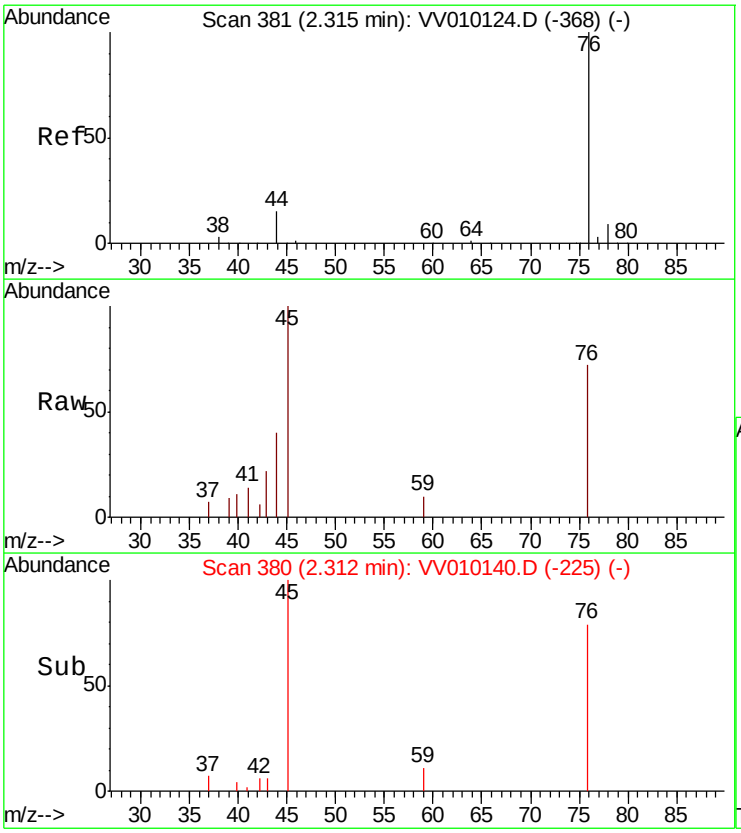
#13
Acetone
Concen: 31.789 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.01 min
Lab File: VV010140.D
Acq: 05 Apr 2019 19:14

Instrument :
MSVOA_V
ClientSampleId :
BF675

Tgt Ion: 43 Resp: 11848

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	64.6

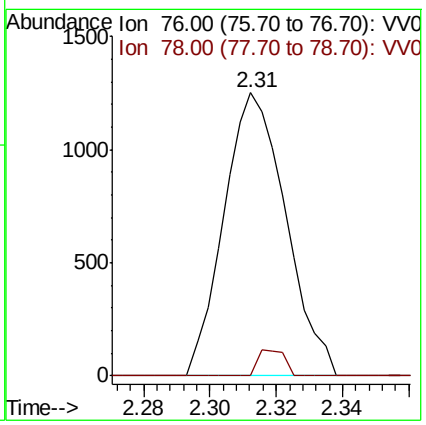


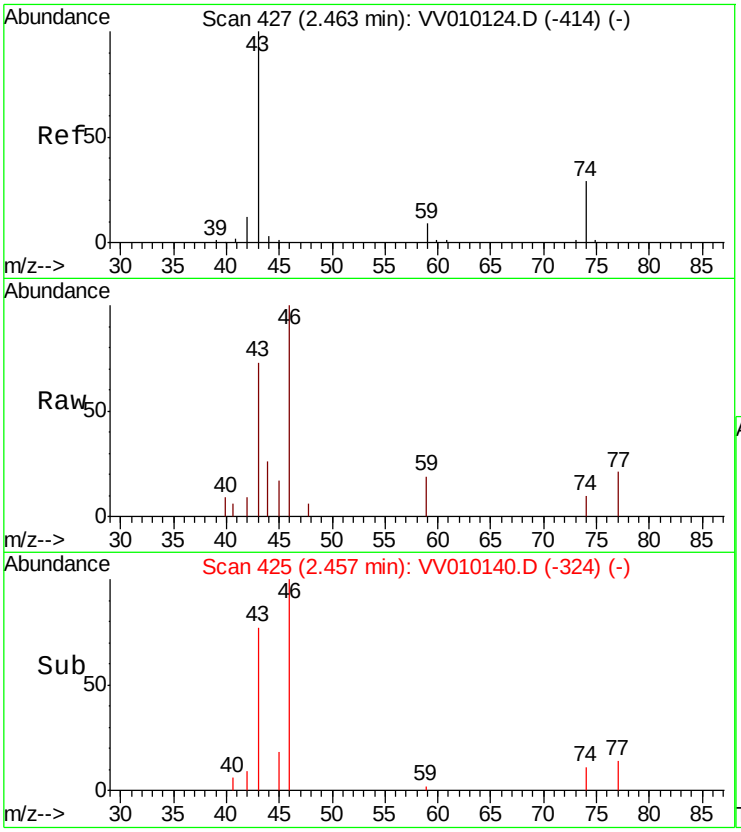


#14
Carbon disulfide
Concen: 0.577 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.00 min
Lab File: VV010140.D
Acq: 05 Apr 2019 19:14

Tgt Ion: 76 Resp: 1619

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#



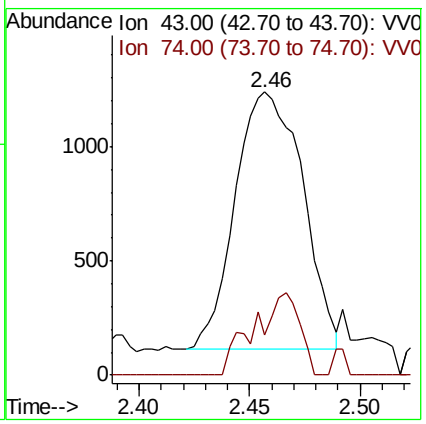


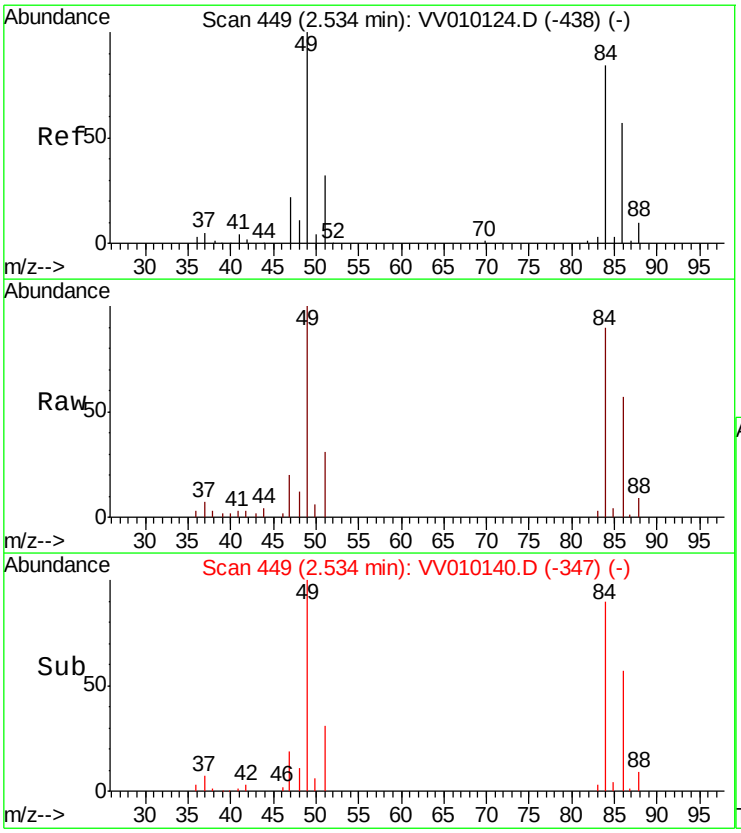
#15
Methyl Acetate
Concen: 4.008 ug/L
RT: 2.46 min Scan# 425
Delta R.T. -0.01 min
Lab File: VV010140.D
Acq: 05 Apr 2019 19:14

Instrument : MSVOA_V
ClientSampleId : BF675

Tgt Ion: 43 Resp: 2390

Ion	Ratio	Lower	Upper
43	100		
74	3.6	20.0	30.0#

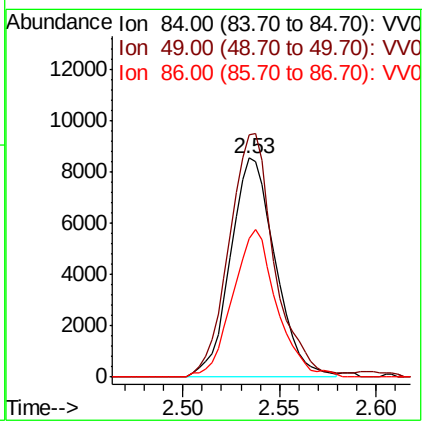


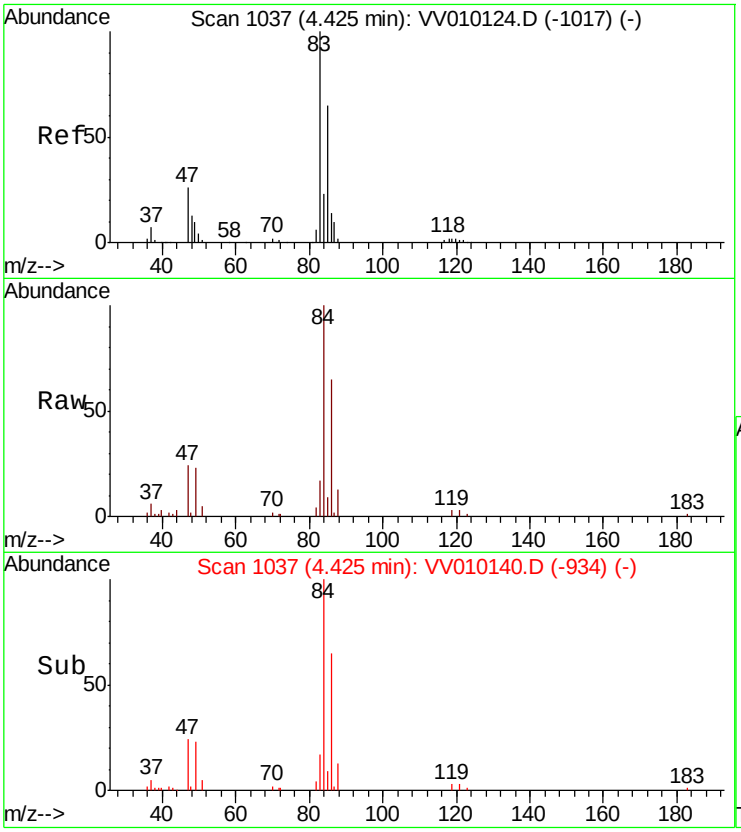


#16
Methylene chloride
Concen: 7.913 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010140.D
Acq: 05 Apr 2019 19:14

Tgt Ion: 84 Resp: 13757

Ion	Ratio	Lower	Upper
84	100		
49	110.5	84.3	156.5
86	63.5	45.4	84.2



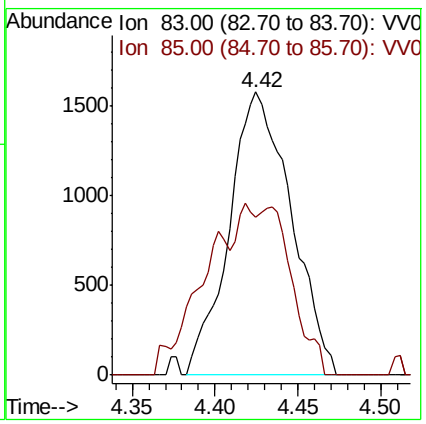


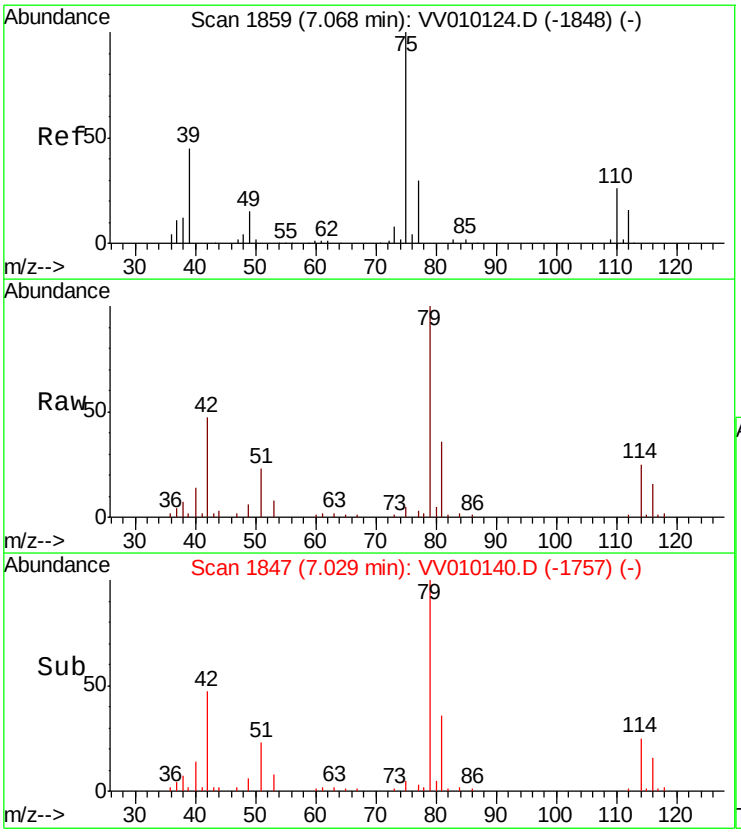
#25
Chloroform
Concen: 1.824 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010140.D
Acq: 05 Apr 2019 19:14

Instrument :
MSVOA_V
ClientSampleId :
BF675

Tgt Ion: 83 Resp: 4104

Ion	Ratio	Lower	Upper
83	100		
85	4.9	46.4	86.2#

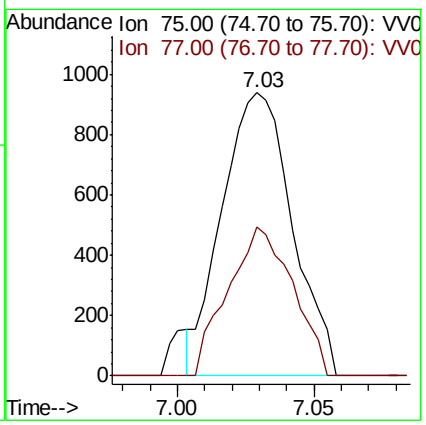


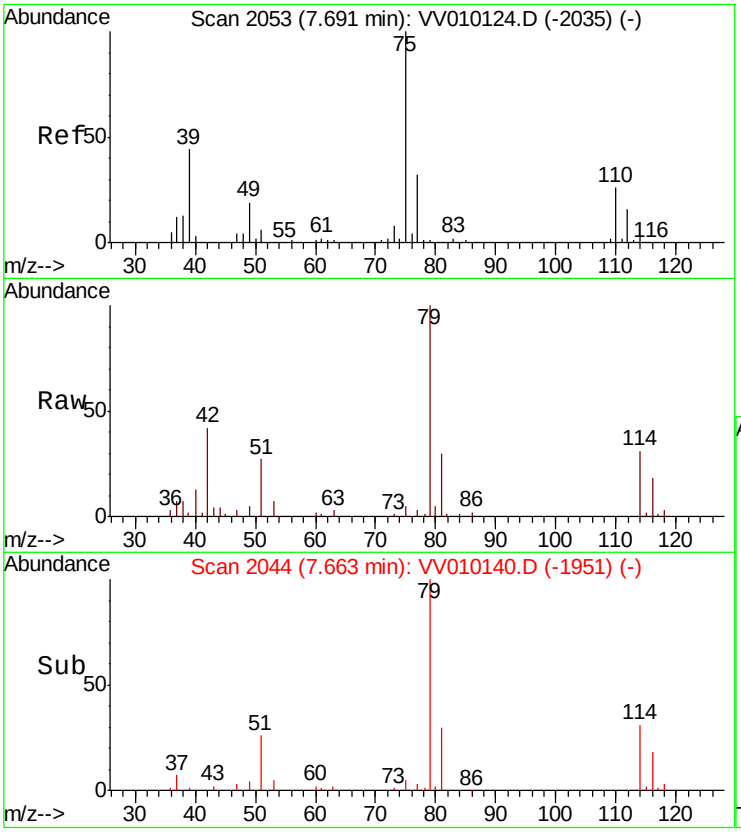


#42
cis-1,3-Dichloropropene
Concen: 0.793 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010140.D
Acq: 05 Apr 2019 19:14

Tgt Ion: 75 Resp: 1679

Ion	Ratio	Lower	Upper
75	100		
77	52.6	22.1	41.1#



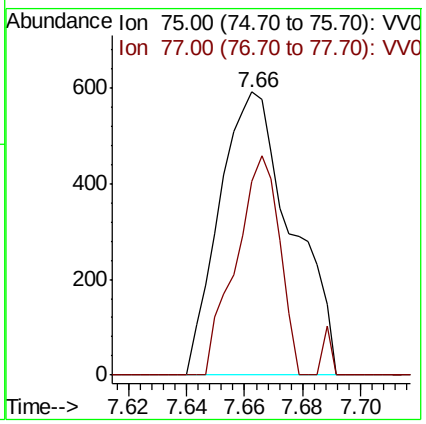


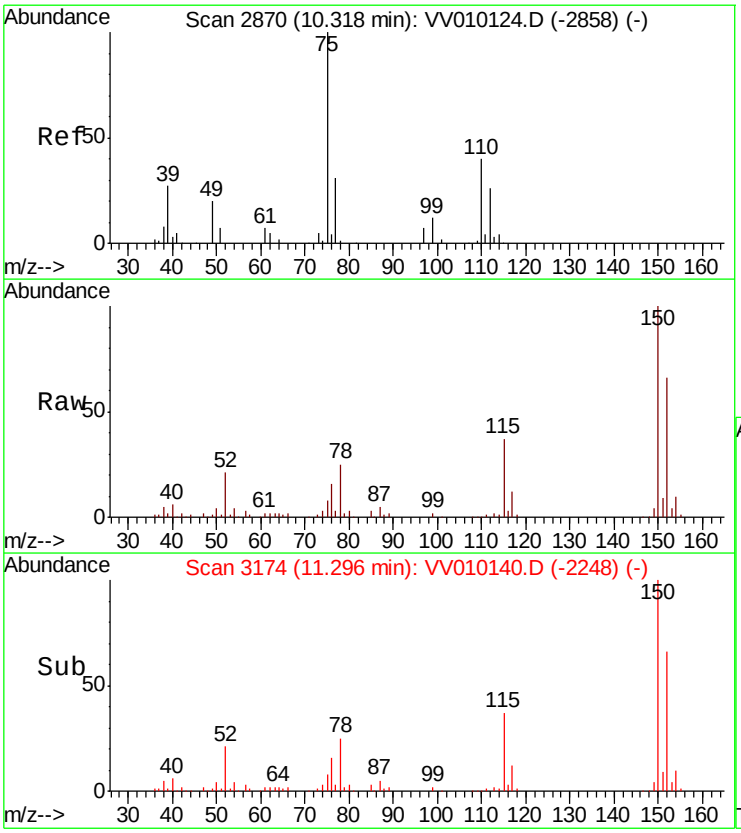
#45
trans-1,3-Dichloropropene
Concen: 0.567 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV010140.D
Acq: 05 Apr 2019 19:14

Instrument :
MSVOA_V
ClientSampleId :
BF675

Tgt Ion: 75 Resp: 1021

Ion	Ratio	Lower	Upper
75	100		
77	68.2	23.5	43.7#





#59
1,2,3-Trichloropropane
Concen: 5.248 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010140.D
Acq: 05 Apr 2019 19:14

Tgt Ion: 75 Resp: 6270

Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.8	38.8