Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040519\
Data File : VV010136.D
Acq On : 05 Apr 2019 17:30
Operator : SY/MD
Sample : K2168-12
Misc : 5.40G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF637

Quant Time: Apr 05 23:50:23 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	5.67	114	50373	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	73944	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39790	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	2876	4.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 17.04%#			
7) Chloroethane-d5	1.57	69	6061	7.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 28.96%#			
10) 1,1-Dichloroethene-d2	2.13	63	8362	4.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 19.68%#			
20) 2-Butanone-d5	3.94	46	38706	201.70	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 403.40%#			
24) Chloroform-d	4.40	84	39146	30.85	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 123.40%			
26) 1,2-Dichloroethane-d4	5.08	65	46835	65.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 263.84%#			
29) Benzene-d6	5.10	84	69116	18.02	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 72.08%			
33) 1,2-Dichloropropane-d6	6.12	67	34591	30.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 122.28%#			
37) Toluene-d8	7.36	98	63491	17.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 68.72%			
38) trans-1,3-Dichloropropene-	7.66	79	15930	32.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 131.72%			
39) 2-Hexanone-d5	8.13	63	23134	101.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 203.86%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60110	53.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 215.44%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	47643	30.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 122.96%#			

Target Compounds						Qvalue
6) Bromomethane	1.52	94	502	0.628	ug/L	62
13) Acetone	2.19	43	5382	28.367	ug/L	96
15) Methyl Acetate	2.47	43	1290	4.249	ug/L #	81
16) Methylene chloride	2.53	84	10303	11.642	ug/L	97
21) 2-Butanone	4.02	43	261	1.256	ug/L #	49
25) Chloroform	4.42	83	439	0.383	ug/L #	1
35) Trichloroethene	5.66	95	1491	1.433	ug/L #	3
40) 1,2-Dichloropropane	6.12	63	3980	4.356	ug/L #	86
42) cis-1,3-Dichloropropene	7.03	75	1040	0.786	ug/L #	58
44) Toluene	7.43	91	2873	0.708	ug/L	95
45) trans-1,3-Dichloropropene	7.67	75	844	0.750	ug/L #	54
49) 2-Hexanone	8.13	43	3128	6.478	ug/L #	63

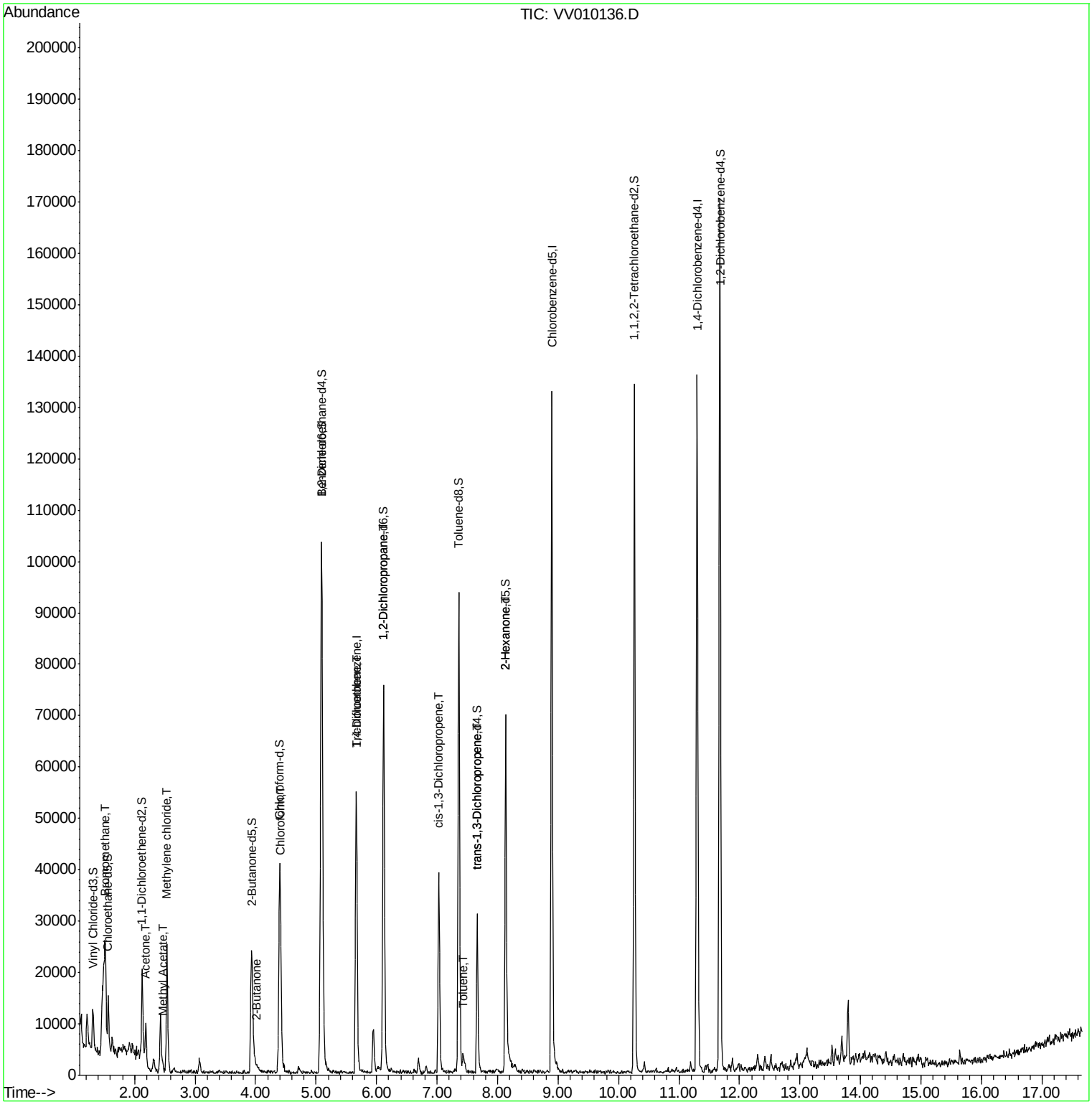
(#) = qualifier out of range (m) = manual integration (+) = signals summed

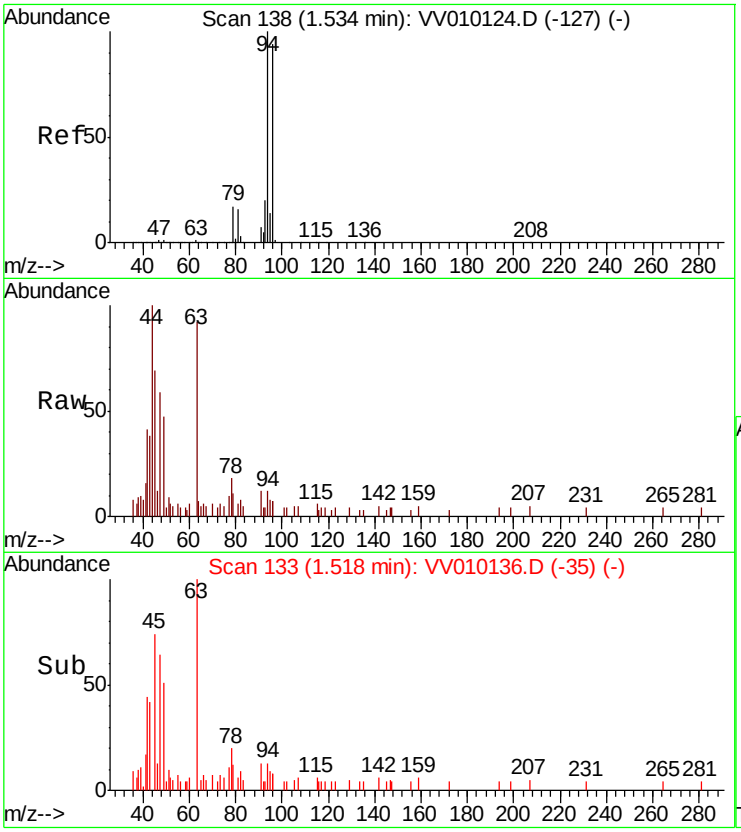
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040519\
Data File : VV010136.D
Acq On : 05 Apr 2019 17:30
Operator : SY/MD
Sample : K2168-12
Misc : 5.40G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF637

Quant Time: Apr 05 23:50:23 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



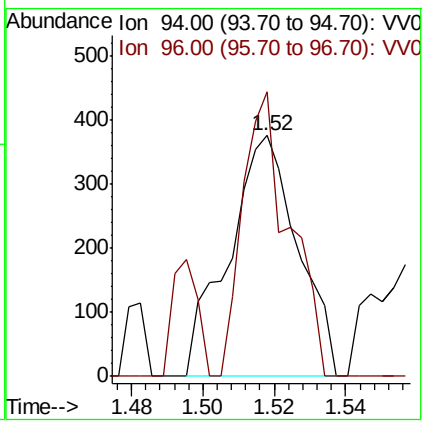


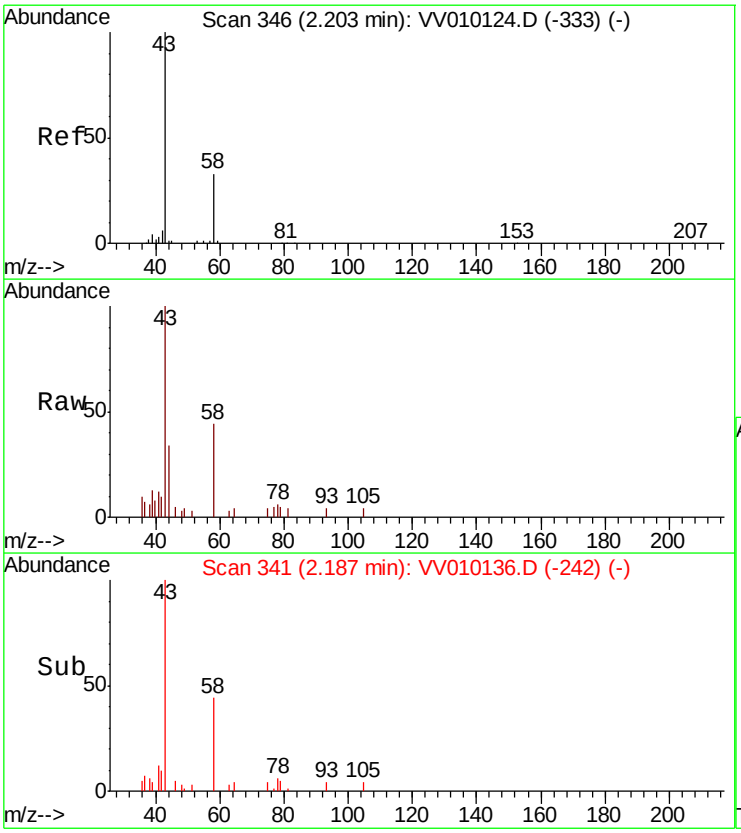
#6
Bromomethane
Concen: 0.628 ug/L
RT: 1.52 min Scan# 133
Delta R.T. -0.02 min
Lab File: VV010136.D
Acq: 05 Apr 2019 17:30

Instrument :
MSVOA_V
ClientSampleId :
BF637

Tgt Ion: 94 Resp: 502

Ion	Ratio	Lower	Upper
94	100		
96	57.4	9.4	177.8

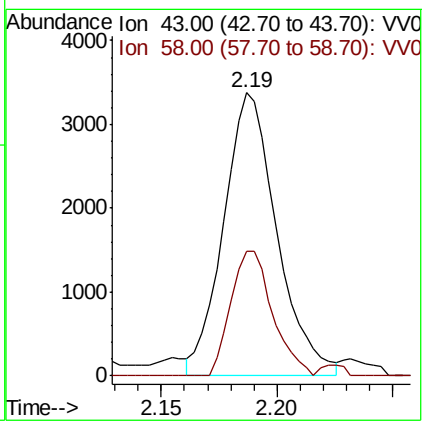


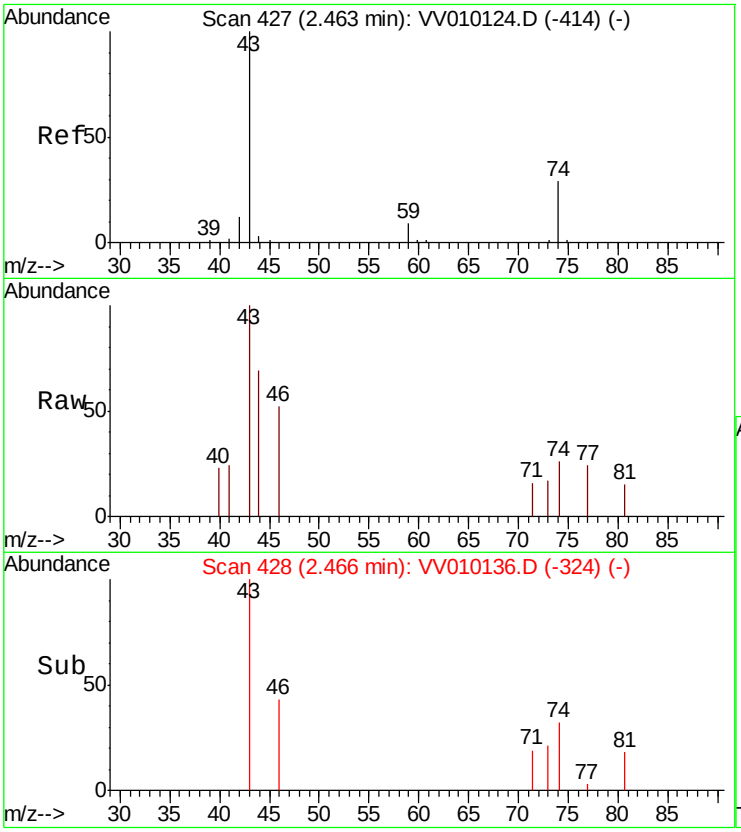


#13
Acetone
Concen: 28.367 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.01 min
Lab File: VV010136.D
Acq: 05 Apr 2019 17:30

Tgt Ion: 43 Resp: 5382

Ion	Ratio	Lower	Upper
43	100		
58	34.5	0.0	64.6



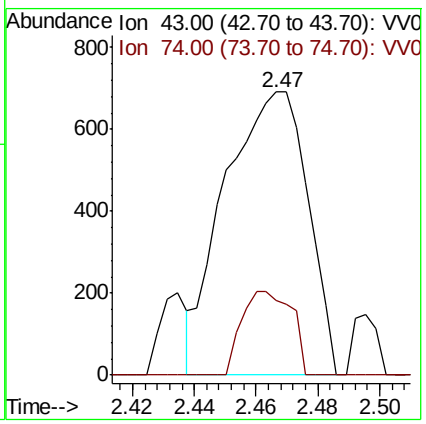


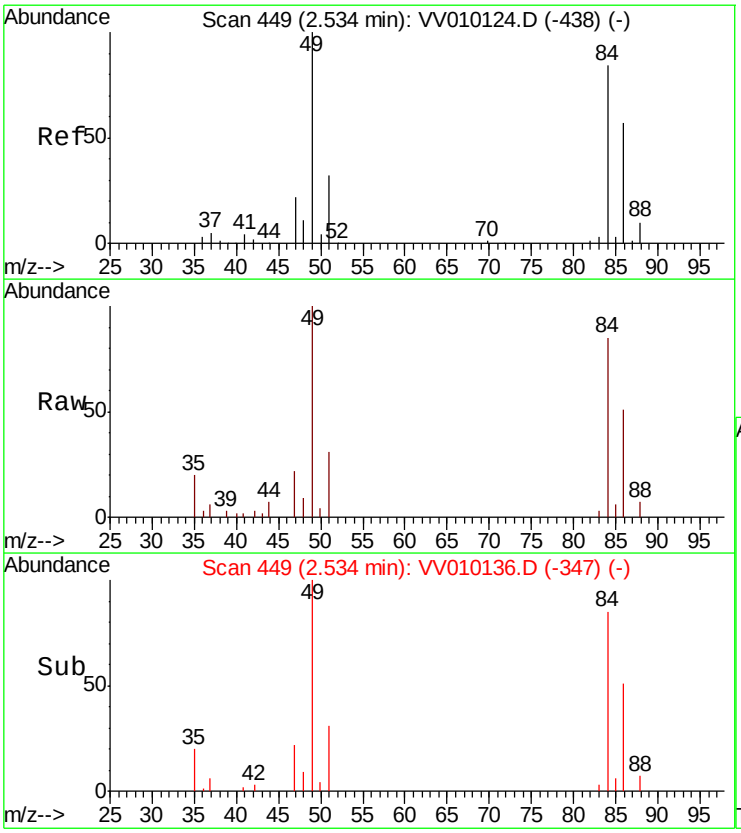
#15
Methyl Acetate
Concen: 4.249 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VV010136.D
Acq: 05 Apr 2019 17:30

Instrument :
MSVOA_V
ClientSampleId :
BF637

Tgt Ion: 43 Resp: 1290

Ion	Ratio	Lower	Upper
43	100		
74	15.3	20.0	30.0#

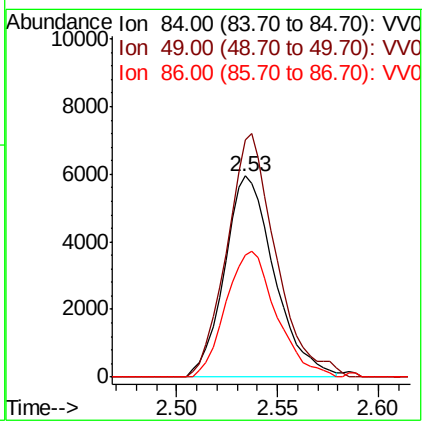


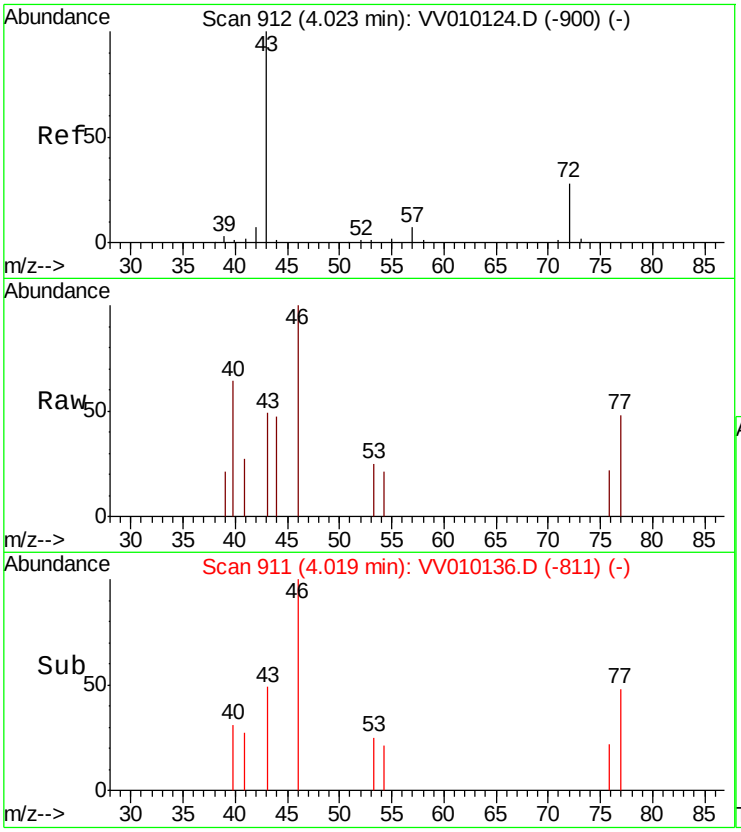


#16
Methylene chloride
Concen: 11.642 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010136.D
Acq: 05 Apr 2019 17:30

Tgt Ion: 84 Resp: 10303

Ion	Ratio	Lower	Upper
84	100		
49	117.9	84.3	156.5
86	60.5	45.4	84.2



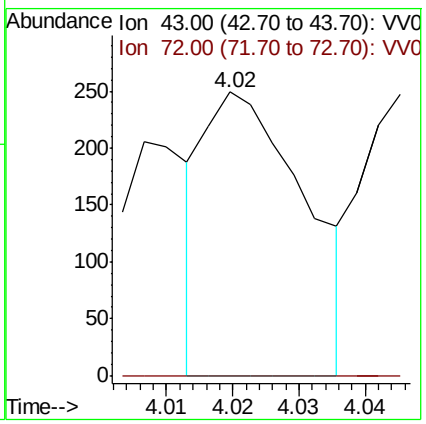


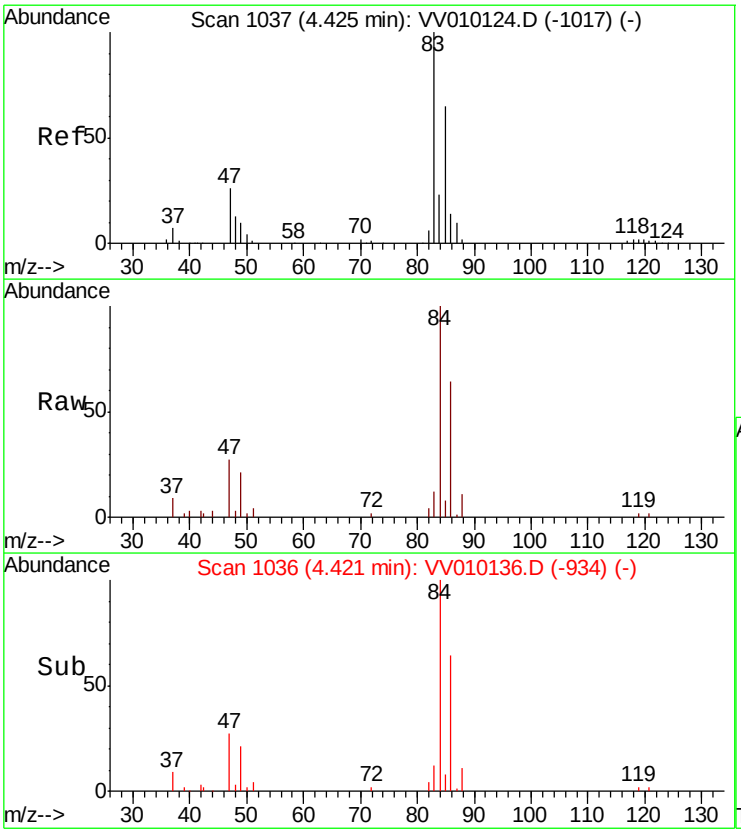
#21
2-Butanone
Concen: 1.256 ug/L
RT: 4.02 min Scan# 911
Delta R.T. -0.01 min
Lab File: VV010136.D
Acq: 05 Apr 2019 17:30

Instrument : MSVOA_V
ClientSampleId : BF637

Tgt Ion: 43 Resp: 261

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.8	38.4#

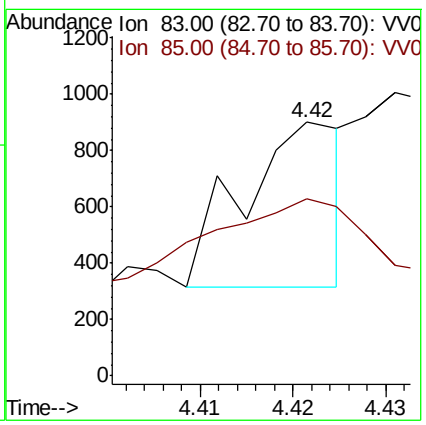


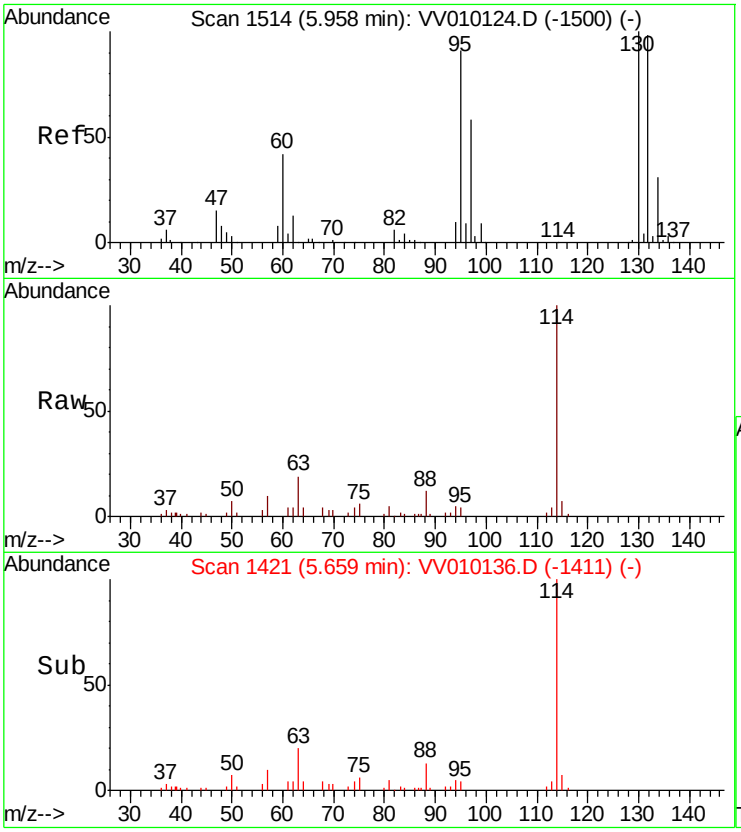


#25
Chloroform
Concen: 0.383 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010136.D
Acq: 05 Apr 2019 17:30

Tgt Ion: 83 Resp: 439

Ion	Ratio	Lower	Upper
83	100		
85	299.5	46.4	86.2#



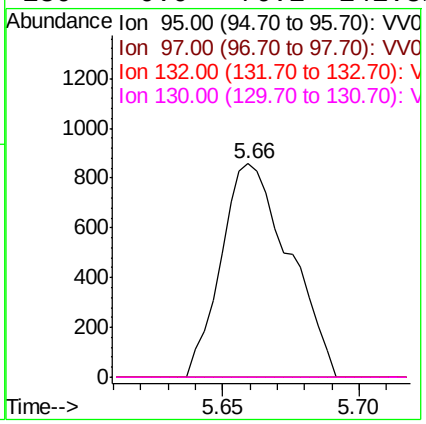


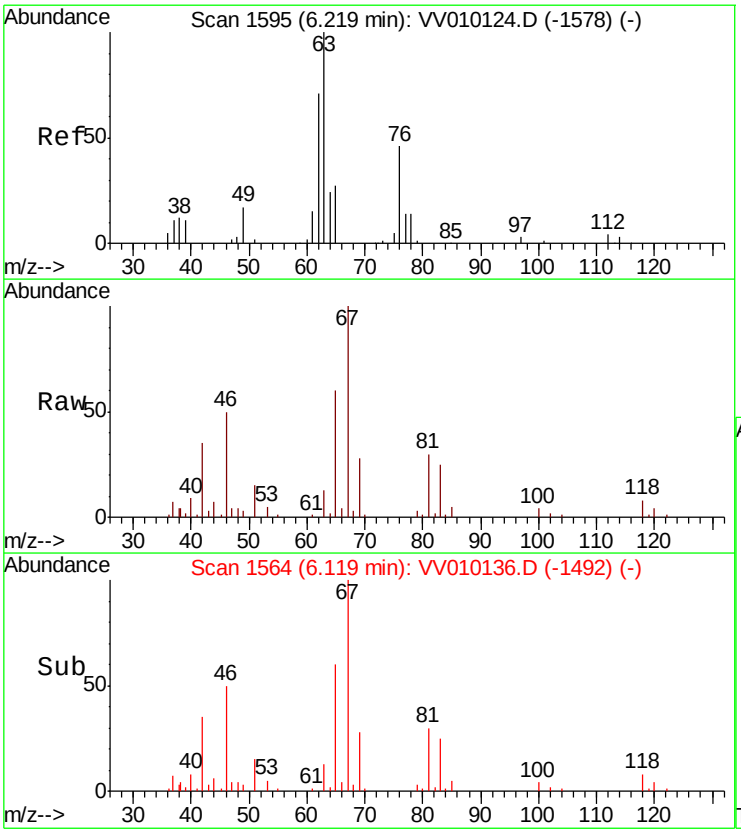
#35
Trichloroethene
Concen: 1.433 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010136.D
Acq: 05 Apr 2019 17:30

Instrument : MSVOA_V
ClientSampleId : BF637

Tgt Ion: 95 Resp: 1491

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.8	85.2#
132	0.0	70.6	131.0#
130	0.0	76.1	141.3#

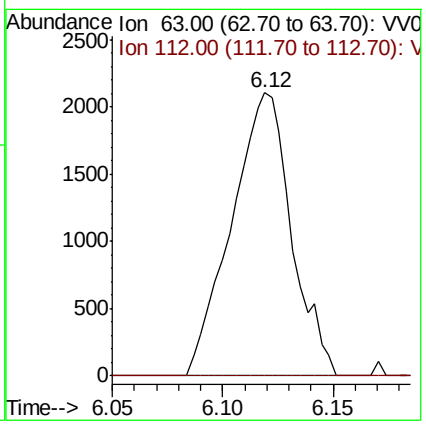


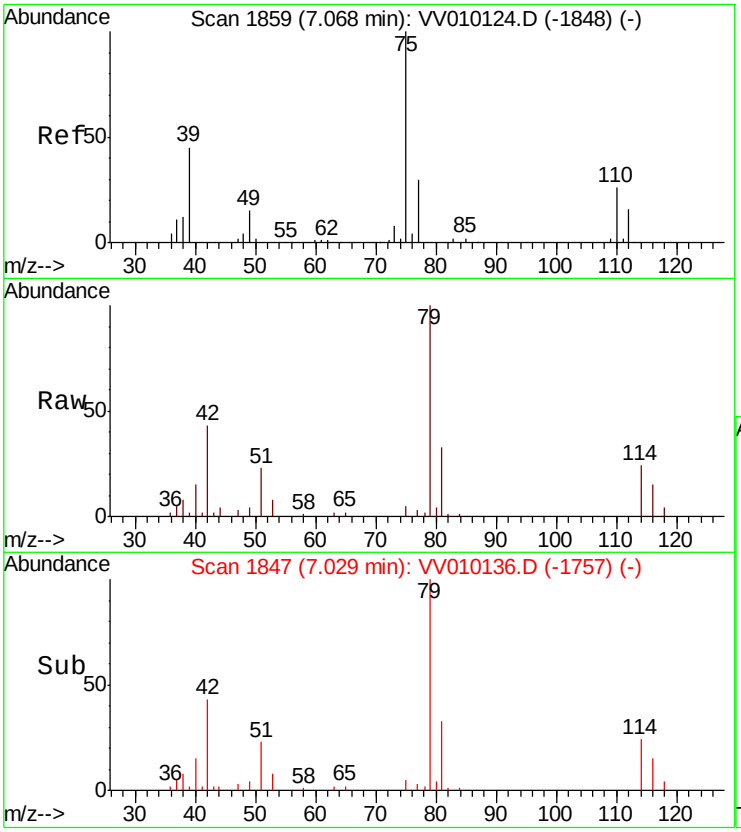


#40
1,2-Dichloropropane
Concen: 4.356 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010136.D
Acq: 05 Apr 2019 17:30

Tgt Ion: 63 Resp: 3980

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



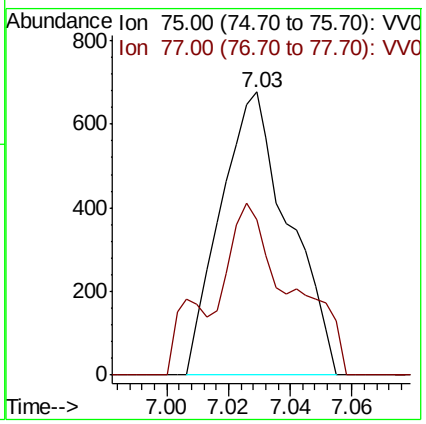


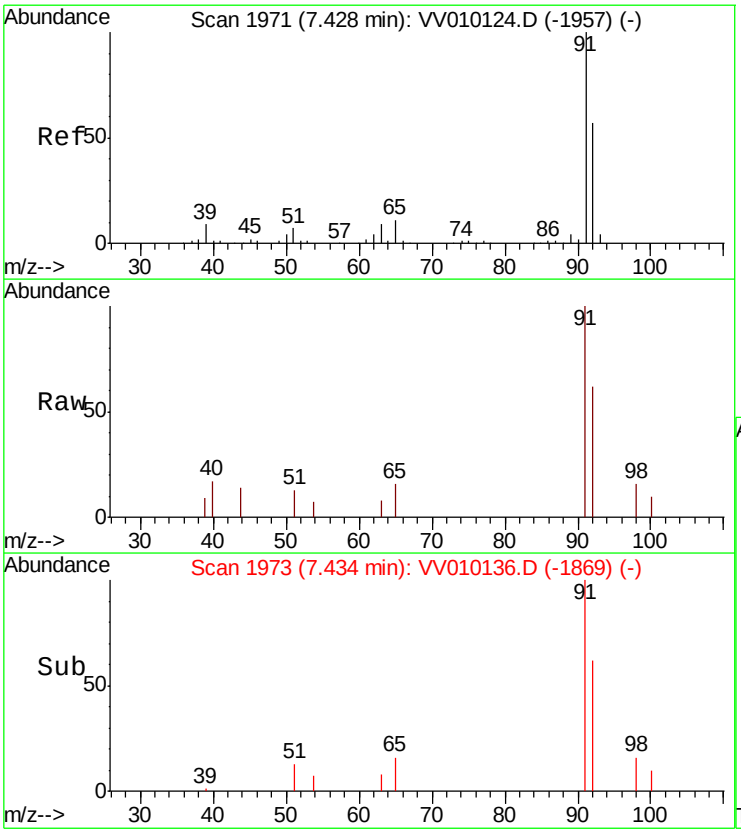
#42
cis-1,3-Dichloropropene
Concen: 0.786 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010136.D
Acq: 05 Apr 2019 17:30

Instrument : MSVOA_V
ClientSampleId : BF637

Tgt Ion: 75 Resp: 1040

Ion	Ratio	Lower	Upper
75	100		
77	54.9	22.1	41.1#

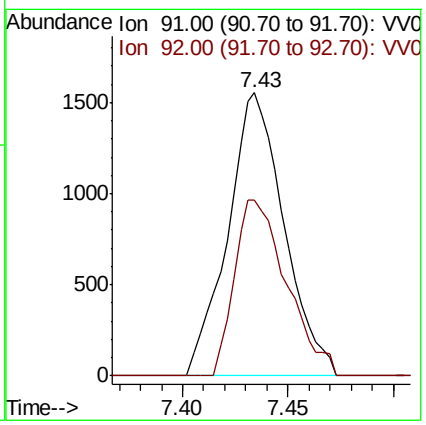


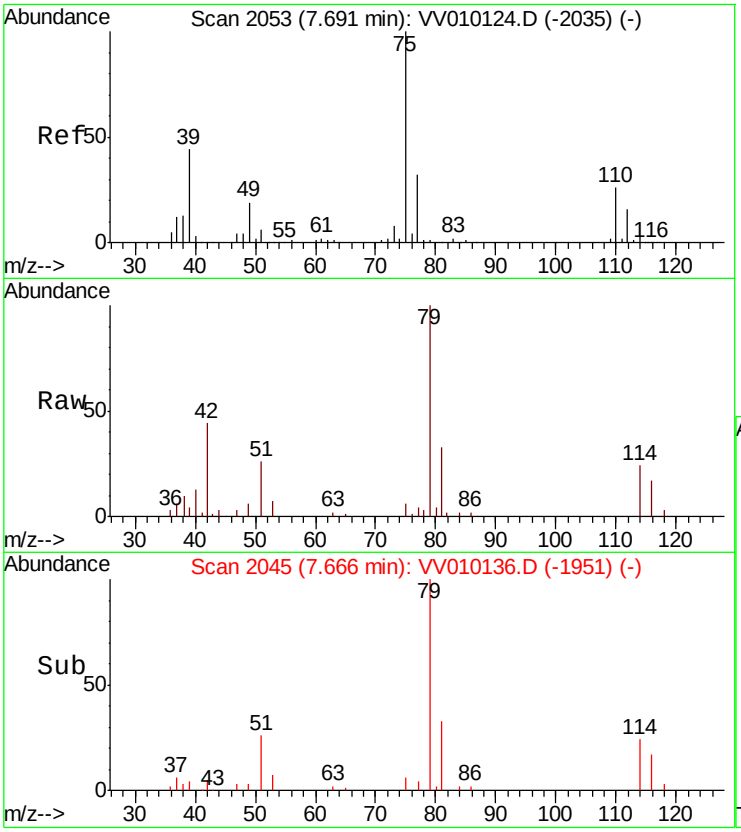


#44
Toluene
Concen: 0.708 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV010136.D
Acq: 05 Apr 2019 17:30

Tgt Ion: 91 Resp: 2873

Ion	Ratio	Lower	Upper
91	100		
92	62.1	41.0	76.2



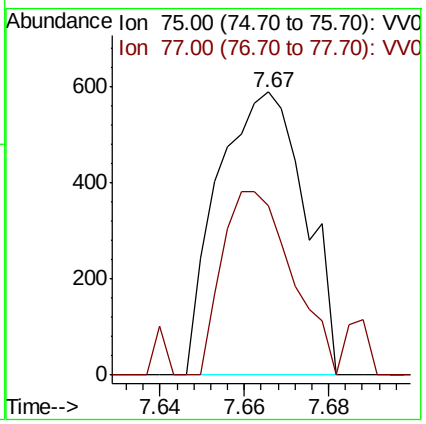


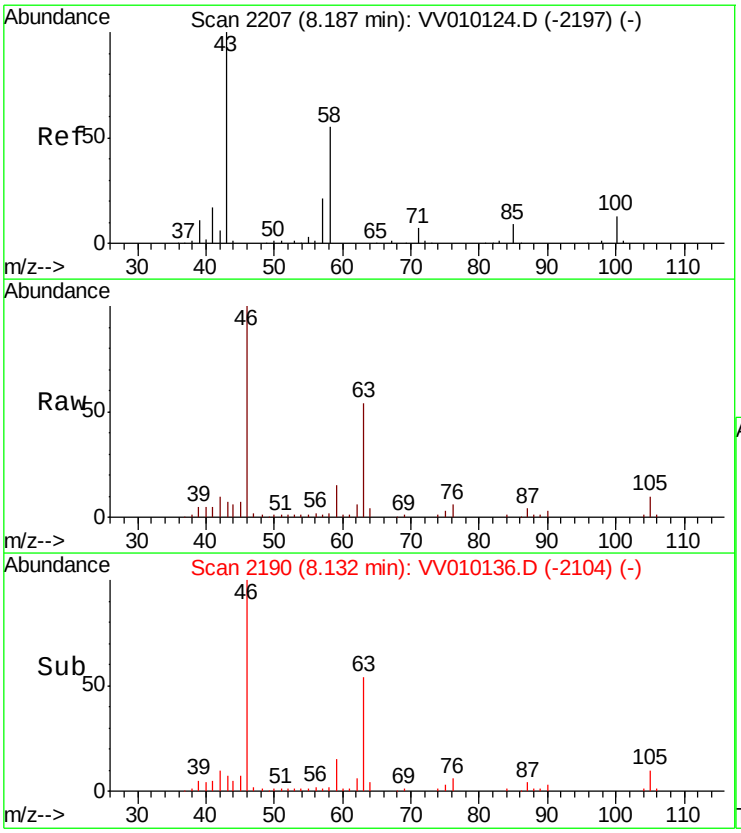
#45
trans-1,3-Dichloropropene
Concen: 0.750 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV010136.D
Acq: 05 Apr 2019 17:30

Instrument : MSVOA_V
ClientSampleId : BF637

Tgt Ion: 75 Resp: 844

Ion	Ratio	Lower	Upper
75	100		
77	59.8	23.5	43.7#





#49
2-Hexanone
Concen: 6.478 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV010136.D
Acq: 05 Apr 2019 17:30

Tgt Ion: 43 Resp: 3128

Ion	Ratio	Lower	Upper
43	100		
58	22.9	44.3	66.5#
57	10.3	13.8	20.8#
100	1.3	10.6	15.8#