Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
Data File : VV009168.D
Acq On : 04 Jan 2019 20:05
Operator : SY/MD
Sample : K1050-04
Misc : 6.84 G/10ML/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BE9W1

Quant Time: Jan 05 05:04:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	13883	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	12002	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	3478	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	2770	29.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.72%			
7) Chloroethane-d5	1.59	69	3361	36.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 145.96%			
10) 1,1-Dichloroethene-d2	2.13	63	5651	17.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.20%			
20) 2-Butanone-d5	3.96	46	1075	16.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 32.18%			
24) Chloroform-d	4.41	84	6583	22.52	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.08%			
26) 1,2-Dichloroethane-d4	5.09	65	3829	24.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.92%			
29) Benzene-d6	5.11	84	14839	27.75	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.00%			
33) 1,2-Dichloropropane-d6	6.12	67	4345	28.34	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 113.36%			
37) Toluene-d8	7.36	98	13108	25.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.96%			
38) trans-1,3-Dichloropropene-	7.68	79	1265	17.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 69.56%			
39) 2-Hexanone-d5	8.16	63	168	4.64	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 9.28%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	3614	21.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.80%			
61) 1,2-Dichlorobenzene-d4	11.68	152	2848	24.23	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.92%			

Target Compounds						Qvalue
3) Chloromethane	1.26	50	309	2.044	ug/L	97
6) Bromomethane	1.54	94	334	2.930	ug/L	100
13) Acetone	2.20	43	2464	26.025	ug/L	94
16) Methylene chloride	2.54	84	1801	8.683	ug/L	91
25) Chloroform	4.43	83	1053	3.279	ug/L #	50
35) Trichloroethene	5.67	95	427	2.297	ug/L #	1
36) Methylcyclohexane	6.12	83	542	1.745	ug/L #	23
40) 1,2-Dichloropropane	6.12	63	422	2.714	ug/L #	85
44) Toluene	7.44	91	1243	1.787	ug/L	90
49) 2-Hexanone	8.20	43	223	2.044	ug/L #	58
59) 1,2,3-Trichloropropane	11.30	75	146	0.992	ug/L #	43

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

Quantitation Report (Not Reviewed)

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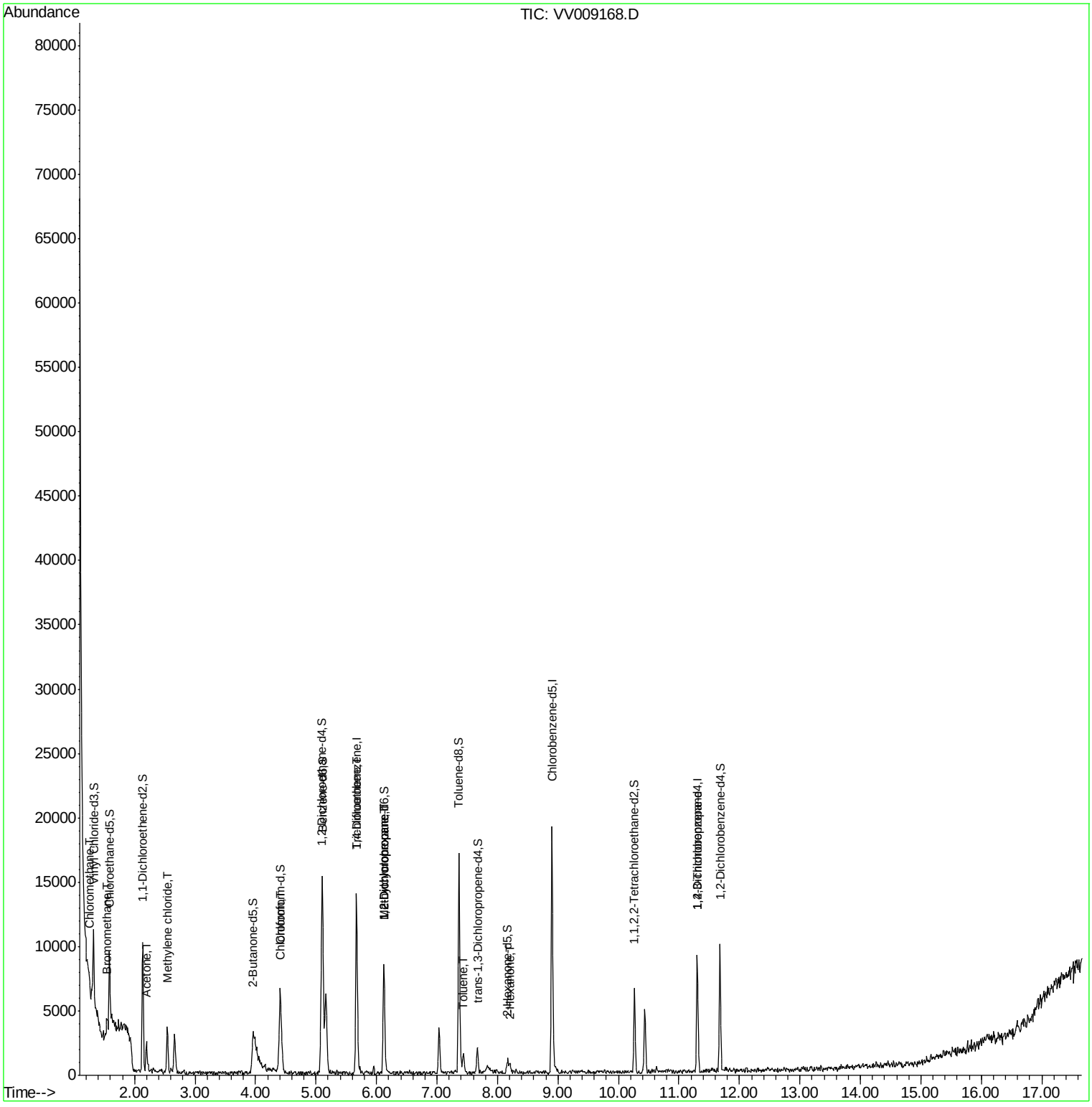
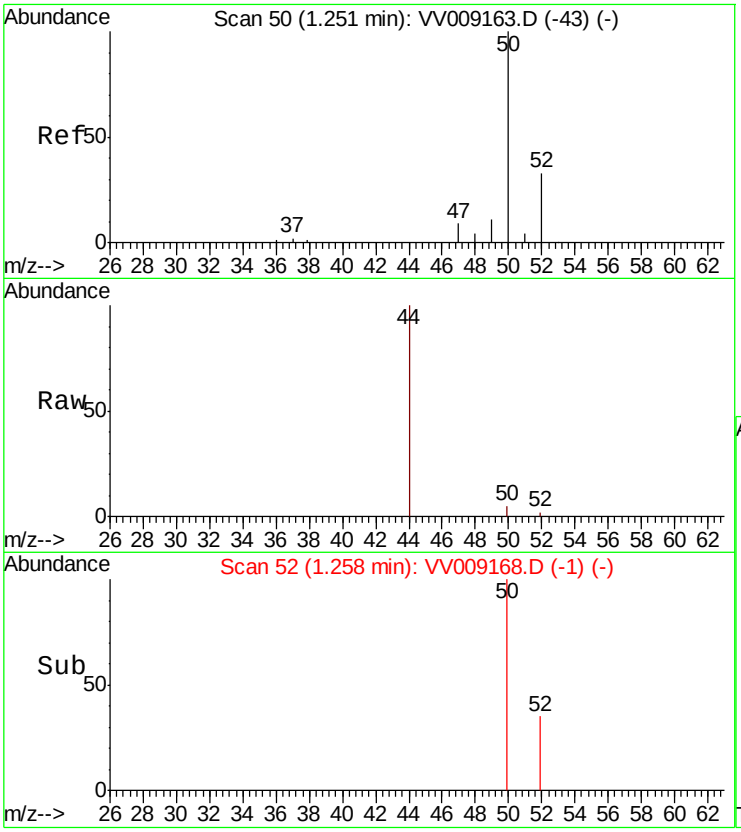
Misc : 6.84 G/10ML/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9W1

Quant Time: Jan 05 05:04:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration



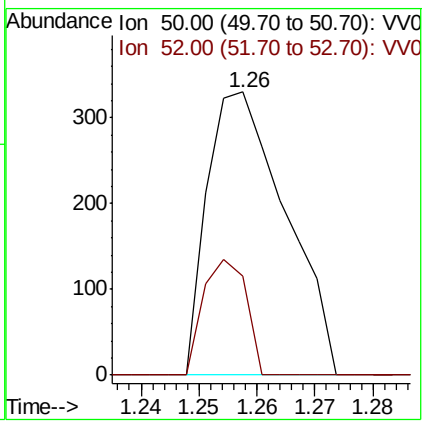


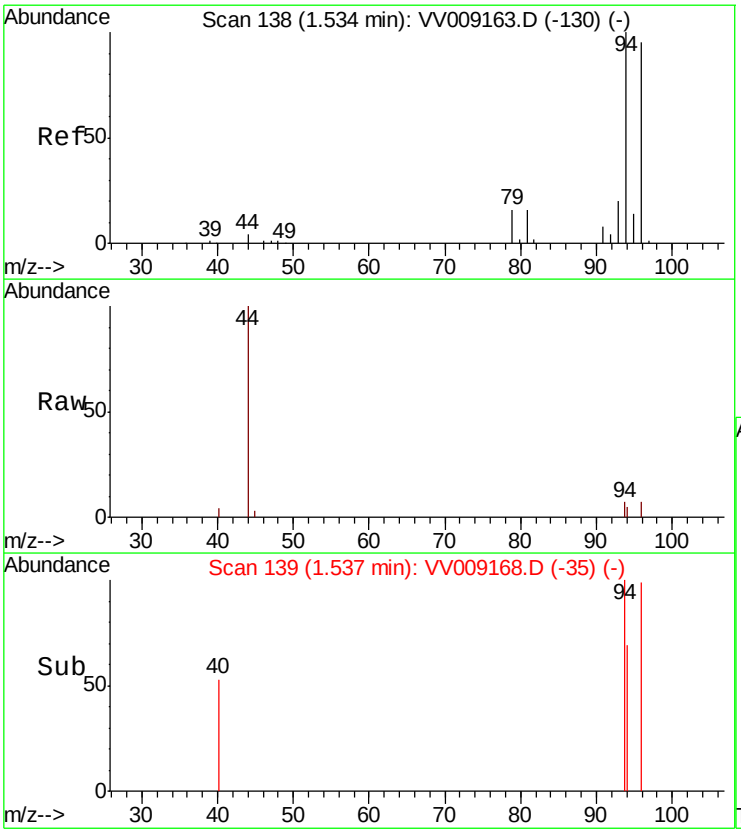
#3
Chloromethane
Concen: 2.044 ug/L
RT: 1.26 min Scan# 52
Delta R.T. 0.01 min
Lab File: VV009168.D
Acq: 04 Jan 2019 20:05

Instrument : MSVOA_V
ClientSampleId : BE9W1

Tgt Ion: 50 Resp: 309

Ion	Ratio	Lower	Upper
50	100		
52	34.8	23.0	42.8

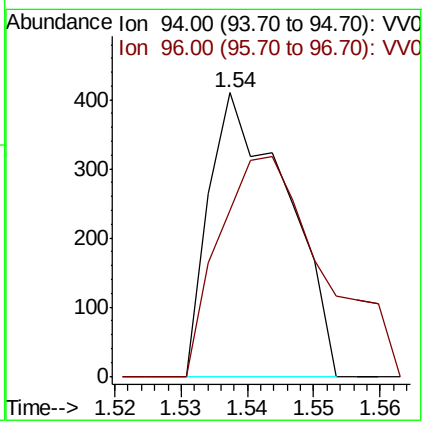


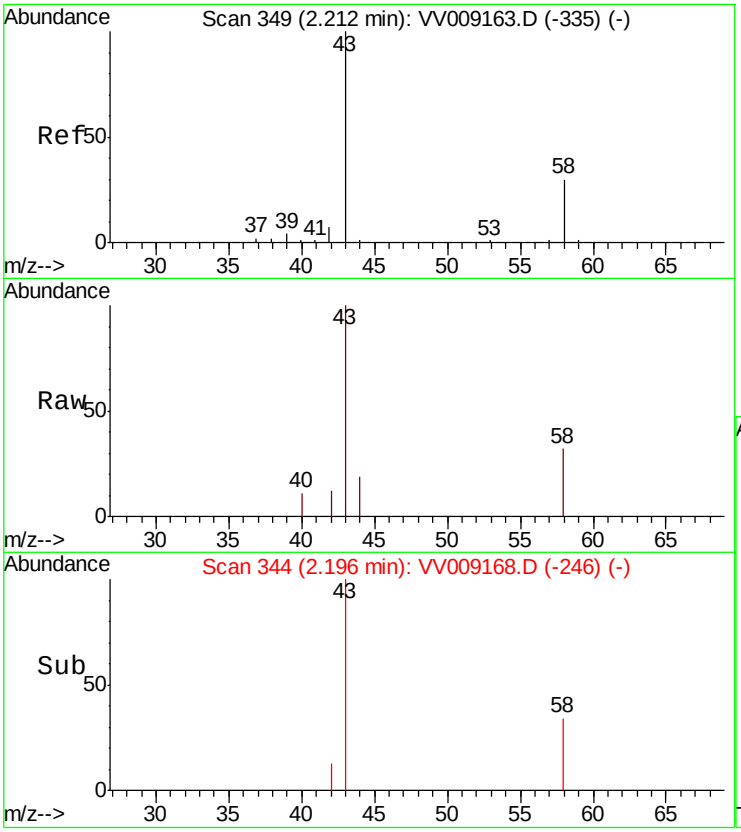


#6
Bromomethane
Concen: 2.930 ug/L
RT: 1.54 min Scan# 139
Delta R.T. 0.00 min
Lab File: VV009168.D
Acq: 04 Jan 2019 20:05

Tgt Ion: 94 Resp: 334

Ion	Ratio	Lower	Upper
94	100		
96	97.0	9.7	185.1



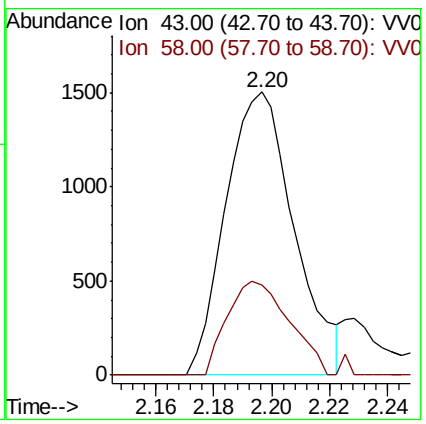


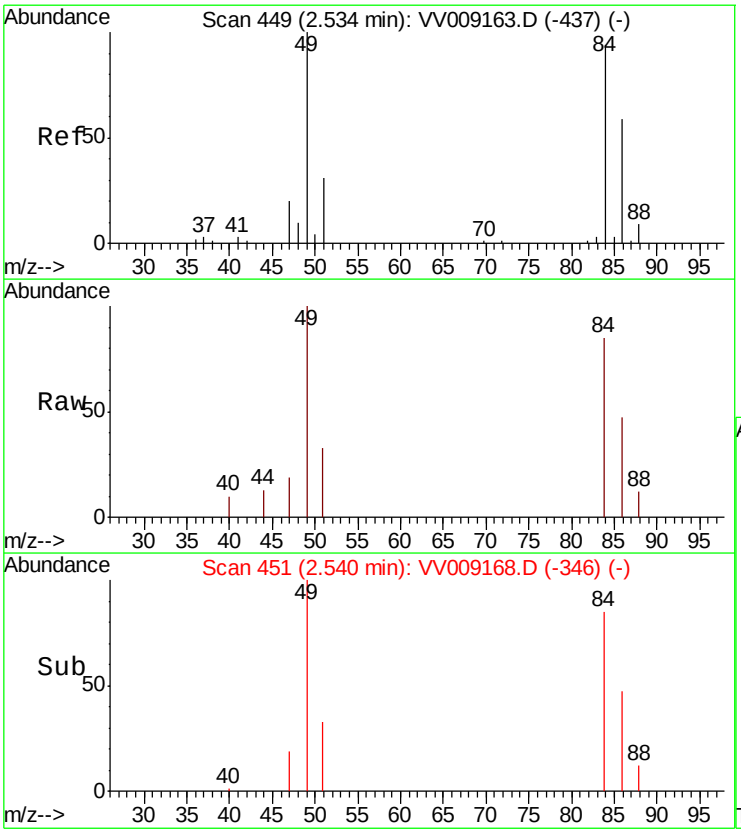
#13
Acetone
Concen: 26.025 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.02 min
Lab File: VV009168.D
Acq: 04 Jan 2019 20:05

Instrument :
MSVOA_V
ClientSampleId :
BE9W1

Tgt Ion: 43 Resp: 2464

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	67.0

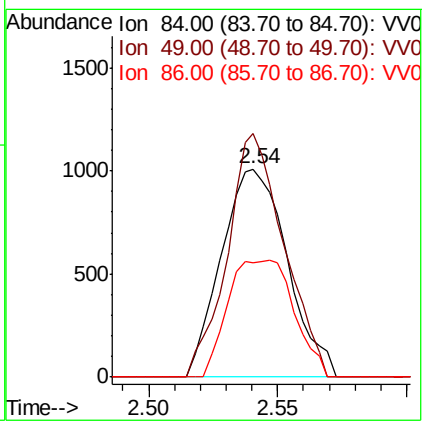


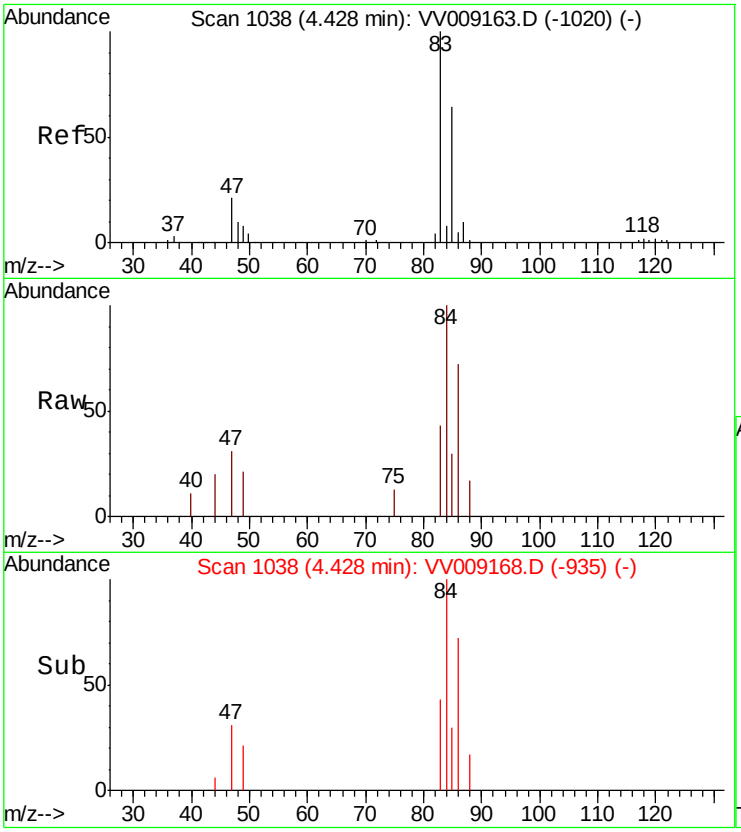


#16
Methylene chloride
Concen: 8.683 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV009168.D
Acq: 04 Jan 2019 20:05

Tgt Ion: 84 Resp: 1801

Ion	Ratio	Lower	Upper
84	100		
49	117.0	77.6	144.2
86	55.2	47.4	88.0



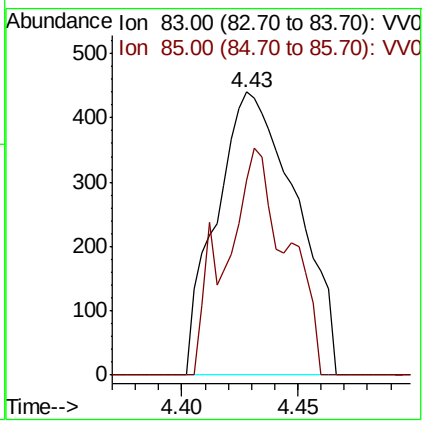


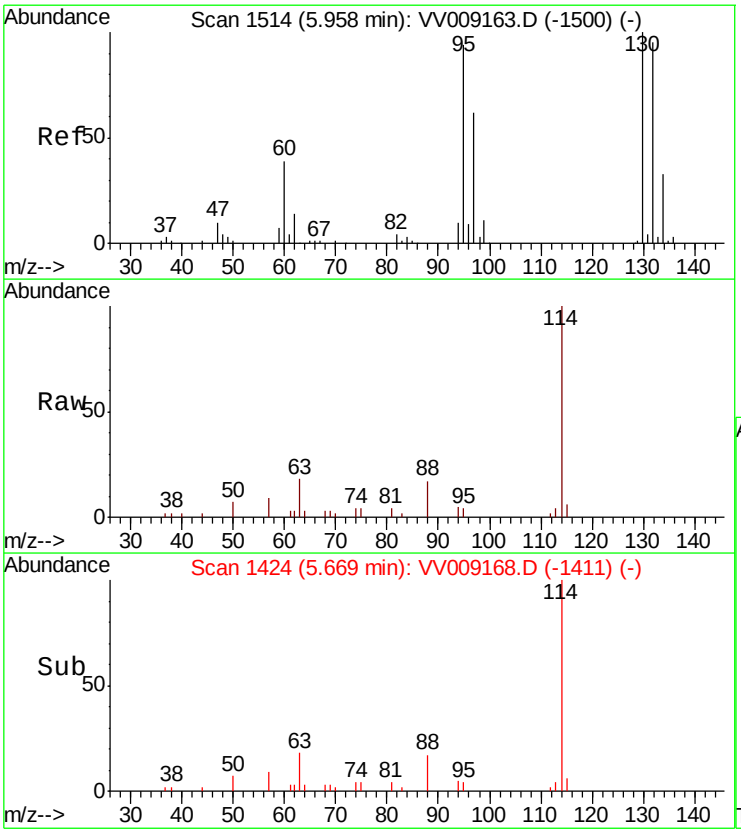
#25
Chloroform
Concen: 3.279 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009168.D
Acq: 04 Jan 2019 20:05

Instrument : MSVOA_V
ClientSampleId : BE9W1

Tgt Ion: 83 Resp: 1053

Ion	Ratio	Lower	Upper
83	100		
85	25.5	45.3	84.1#

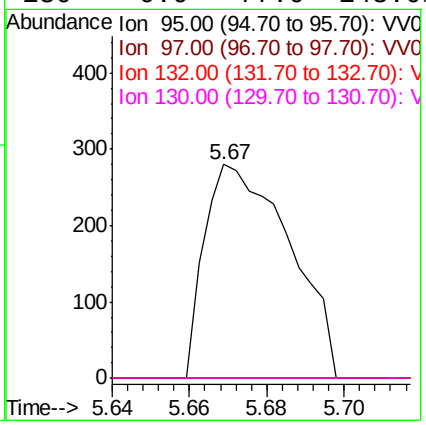


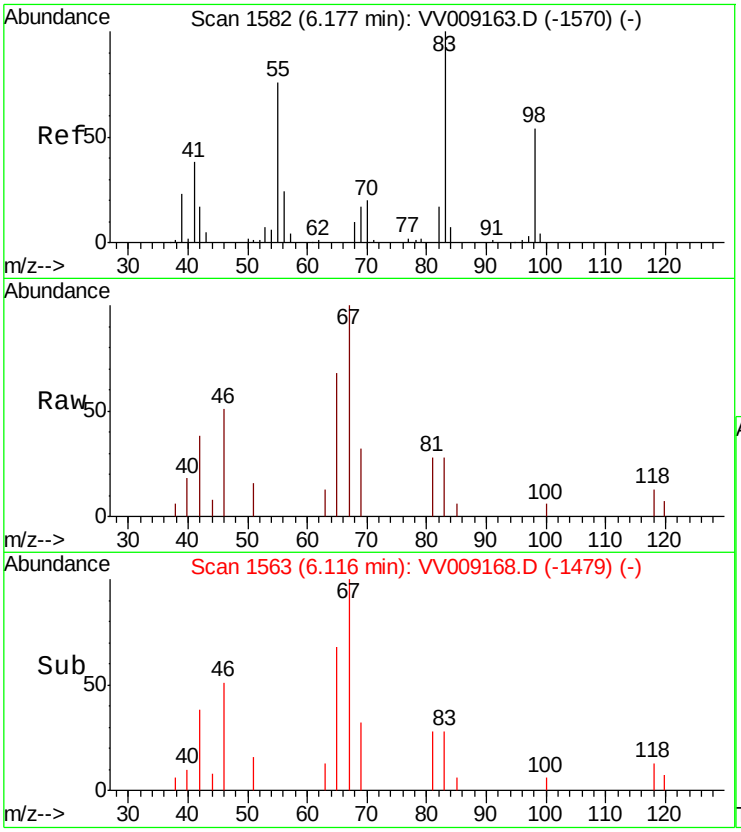


#35
Trichloroethene
Concen: 2.297 ug/L
RT: 5.67 min Scan# 1424
Delta R.T. -0.29 min
Lab File: VV009168.D
Acq: 04 Jan 2019 20:05

Tgt Ion: 95 Resp: 427

Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.2	85.8#
132	0.0	73.9	137.3#
130	0.0	77.0	143.0#



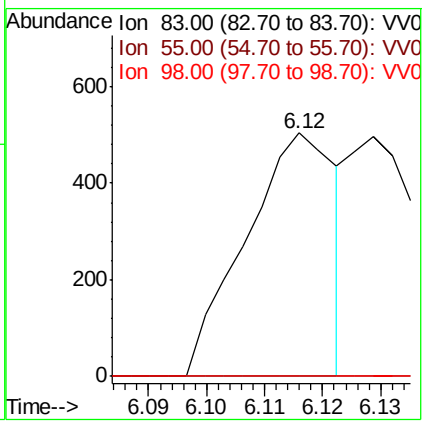


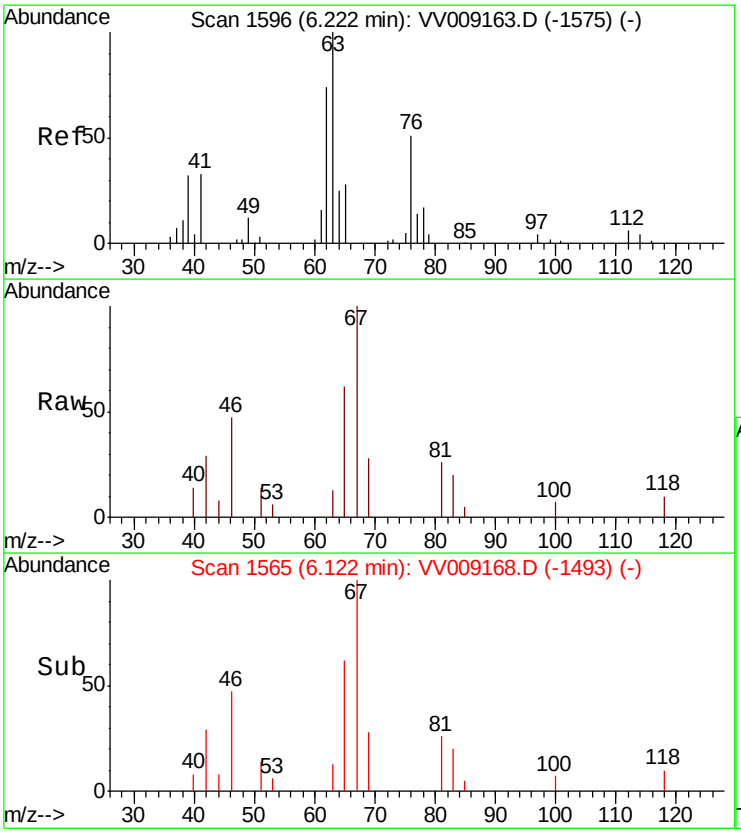
#36
Methylcyclohexane
Concen: 1.745 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009168.D
Acq: 04 Jan 2019 20:05

Instrument : MSVOA_V
ClientSampleId : BE9W1

Tgt Ion: 83 Resp: 542

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.5	87.7#
98	7.9	41.4	62.0#

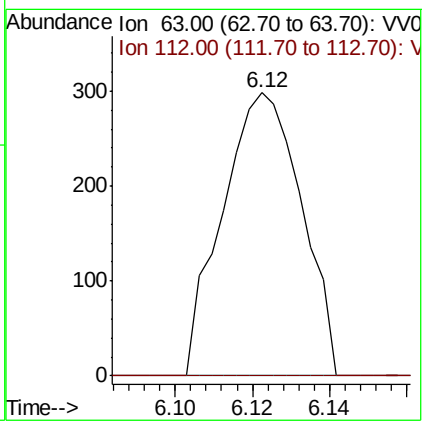


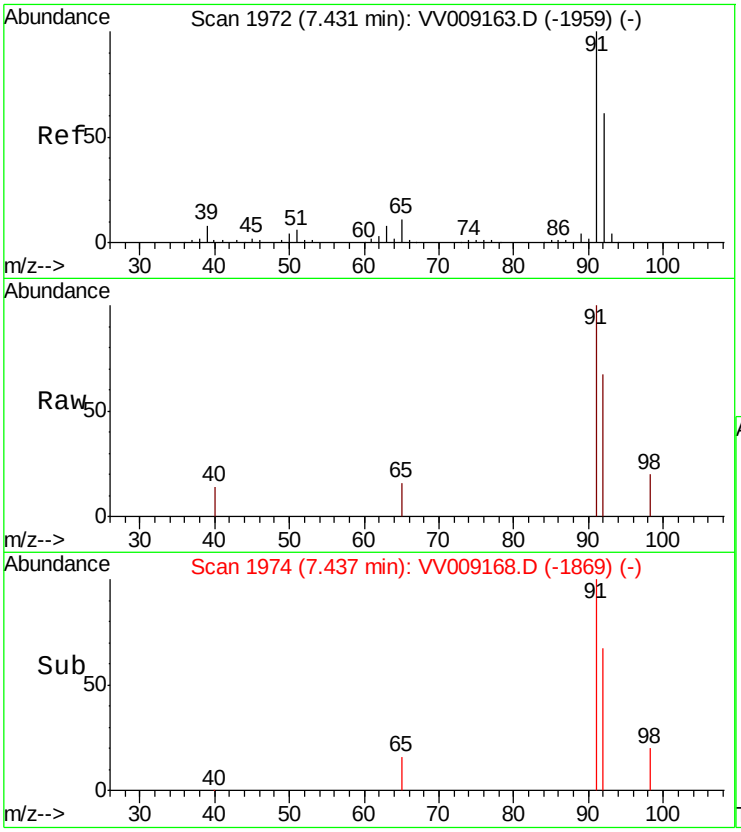


#40
1,2-Dichloropropane
Concen: 2.714 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV009168.D
Acq: 04 Jan 2019 20:05

Tgt Ion: 63 Resp: 422

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#



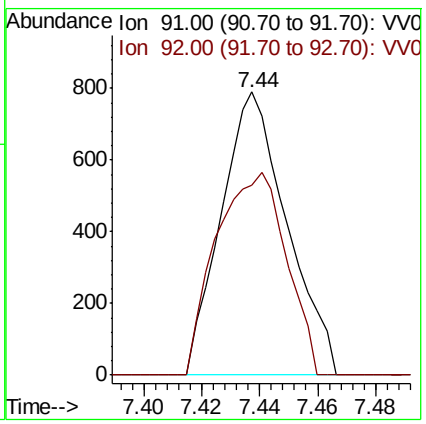


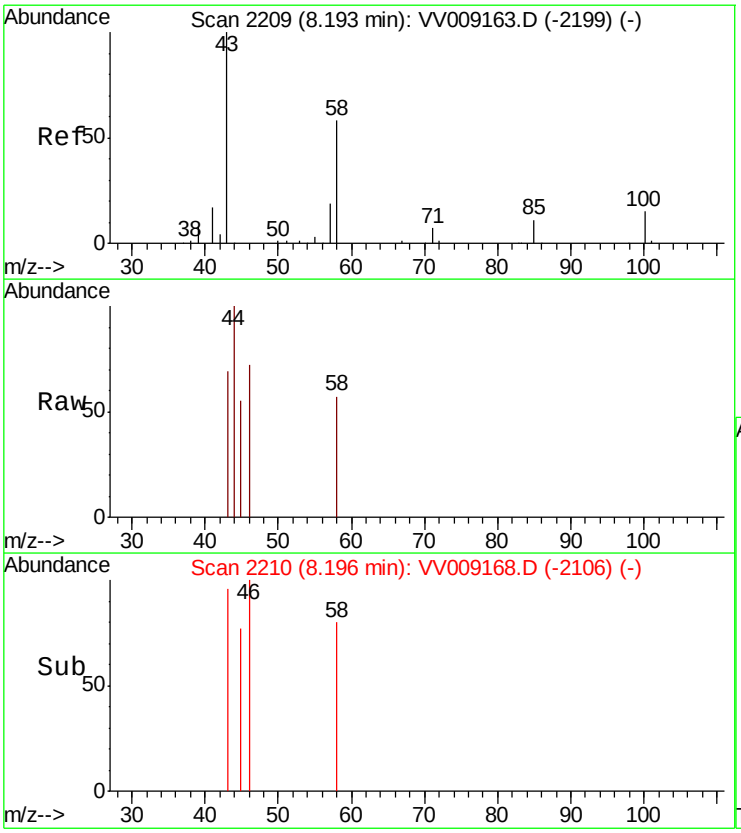
#44
Toluene
Concen: 1.787 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.01 min
Lab File: VV009168.D
Acq: 04 Jan 2019 20:05

Instrument : MSVOA_V
ClientSampleId : BE9W1

Tgt Ion: 91 Resp: 1243

Ion	Ratio	Lower	Upper
91	100		
92	67.2	41.7	77.5

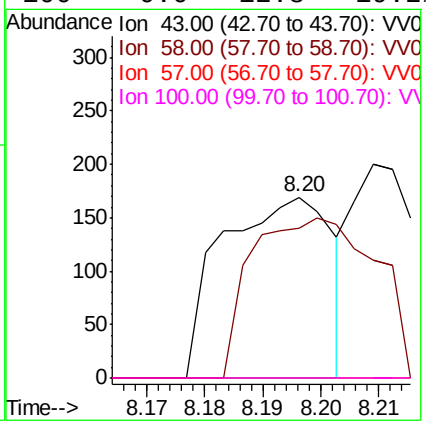


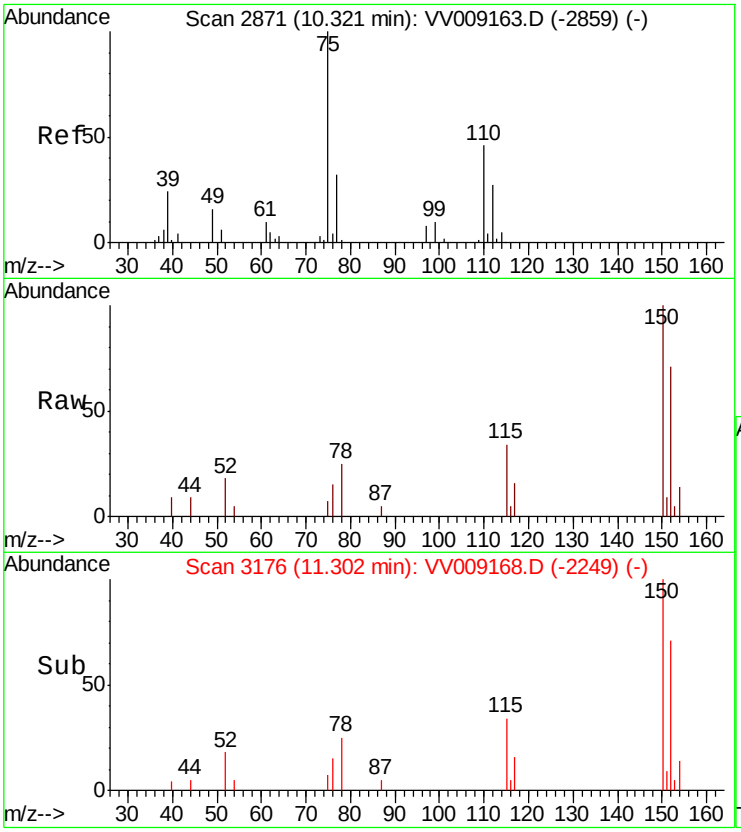


#49
2-Hexanone
Concen: 2.044 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VV009168.D
Acq: 04 Jan 2019 20:05

Tgt Ion: 43 Resp: 223

Ion	Ratio	Lower	Upper
43	100		
58	90.1	46.7	70.1#
57	0.0	15.5	23.3#
100	0.0	12.8	19.2#





#59
1,2,3-Trichloropropane
Concen: 0.992 ug/L
RT: 11.30 min Scan# 3176
Delta R.T. 0.98 min
Lab File: VV009168.D
Acq: 04 Jan 2019 20:05

Instrument :
MSVOA_V
ClientSampleId :
BE9W1

Tgt Ion: 75 Resp: 146

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.6#