Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
Data File : VV009176.D
Acq On : 04 Jan 2019 23:09
Operator : SY/MD
Sample : K1051-08
Misc : 6.52 G/10ML/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BE9W5

Quant Time: Jan 05 05:04:53 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	187651	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184500	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88934	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	25051	19.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.08%			
7) Chloroethane-d5	1.58	69	28053	22.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.12%			
10) 1,1-Dichloroethene-d2	2.13	63	63183	14.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.92%			
20) 2-Butanone-d5	3.96	46	31878	35.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.60%			
24) Chloroform-d	4.40	84	95461	24.16	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.64%			
26) 1,2-Dichloroethane-d4	5.08	65	55279	26.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.60%			
29) Benzene-d6	5.10	84	188975	22.99	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.96%			
33) 1,2-Dichloropropane-d6	6.12	67	60303	25.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.36%			
37) Toluene-d8	7.36	98	175286	22.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.40%			
38) trans-1,3-Dichloropropene-	7.67	79	25211	22.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.16%			
39) 2-Hexanone-d5	8.14	63	18022	32.40	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.80%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55558	21.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.80%			
61) 1,2-Dichlorobenzene-d4	11.68	152	74828	24.89	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.56%			
Target Compounds						Qvalue
13) Acetone	2.22	43	7217	5.640	ug/L	95
15) Methyl Acetate	2.47	43	1099	0.694	ug/L #	78
16) Methylene chloride	2.54	84	20465	7.300	ug/L	94
27) 1,2-Dichloroethane	5.10	62	1015	0.348	ug/L #	73
35) Trichloroethene	5.96	95	434868	152.189	ug/L	97
40) 1,2-Dichloropropane	6.12	63	6358	2.660	ug/L #	85
44) Toluene	7.43	91	20247	1.893	ug/L	100

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

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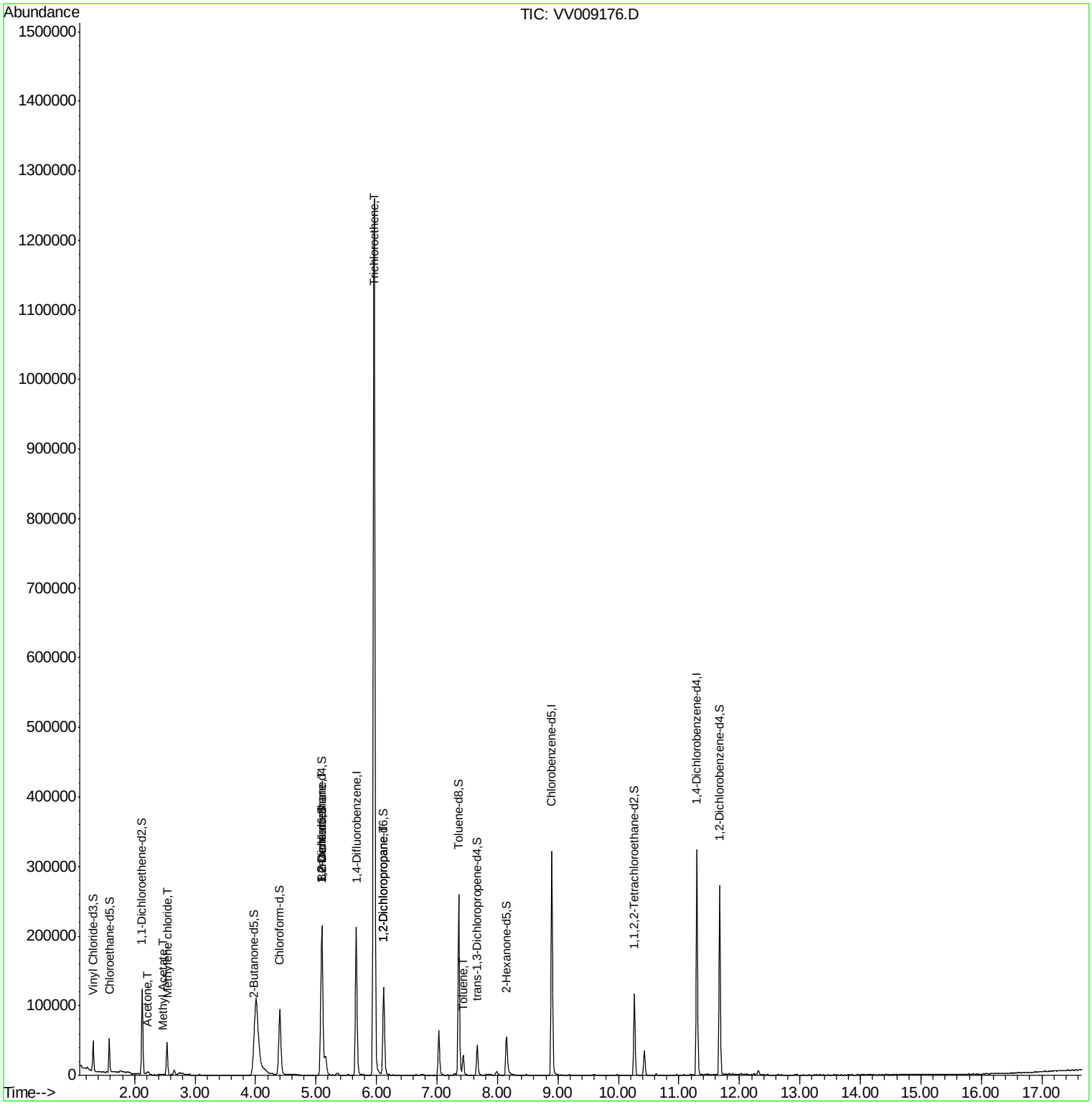
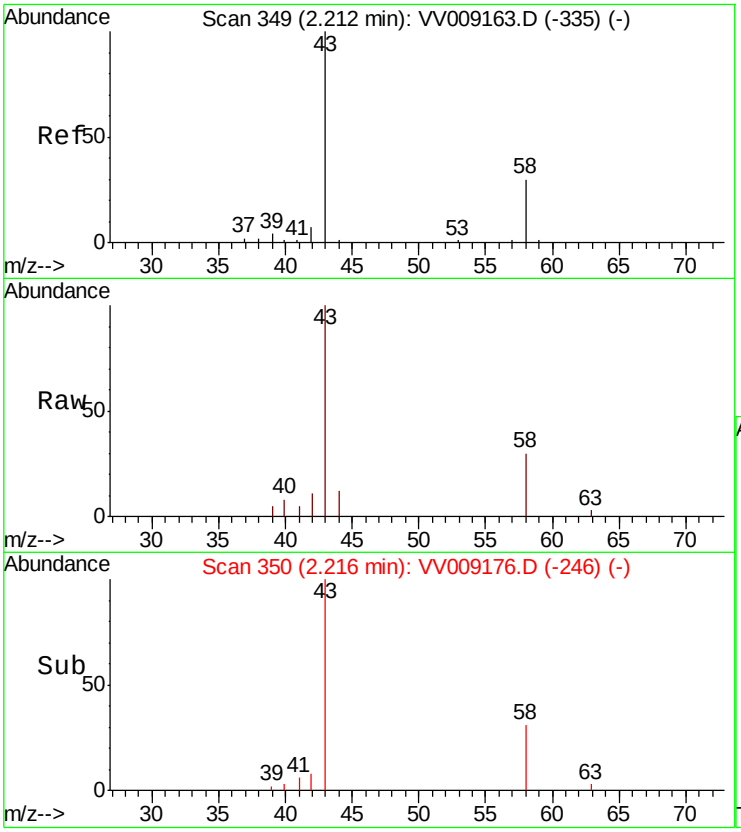
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration



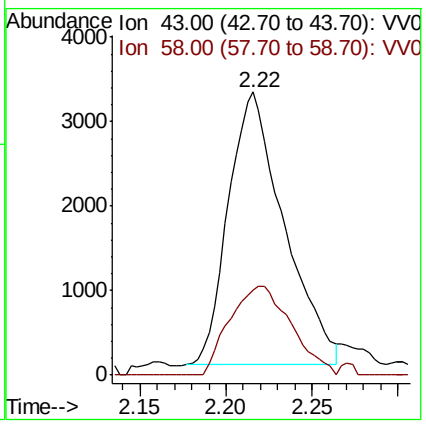


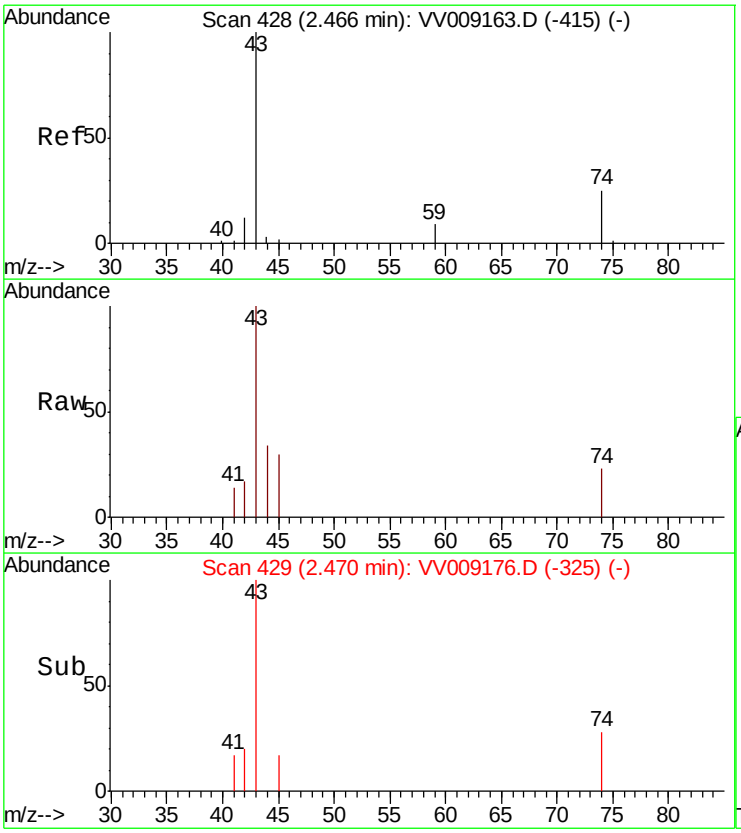
#13
Acetone
Concen: 5.640 ug/L
RT: 2.22 min Scan# 350
Delta R.T. 0.00 min
Lab File: VV009176.D
Acq: 04 Jan 2019 23:09

Instrument :
MSVOA_V
ClientSampleId :
BE9W5

Tgt Ion: 43 Resp: 7217

Ion	Ratio	Lower	Upper
43	100		
58	36.3	0.0	67.0

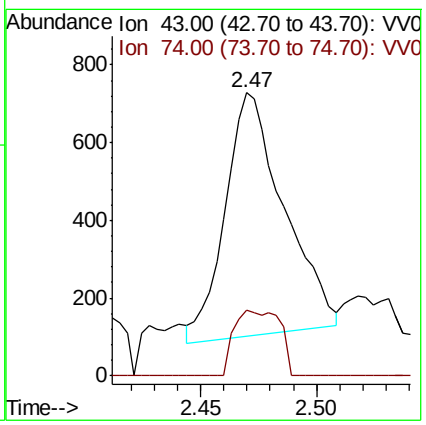


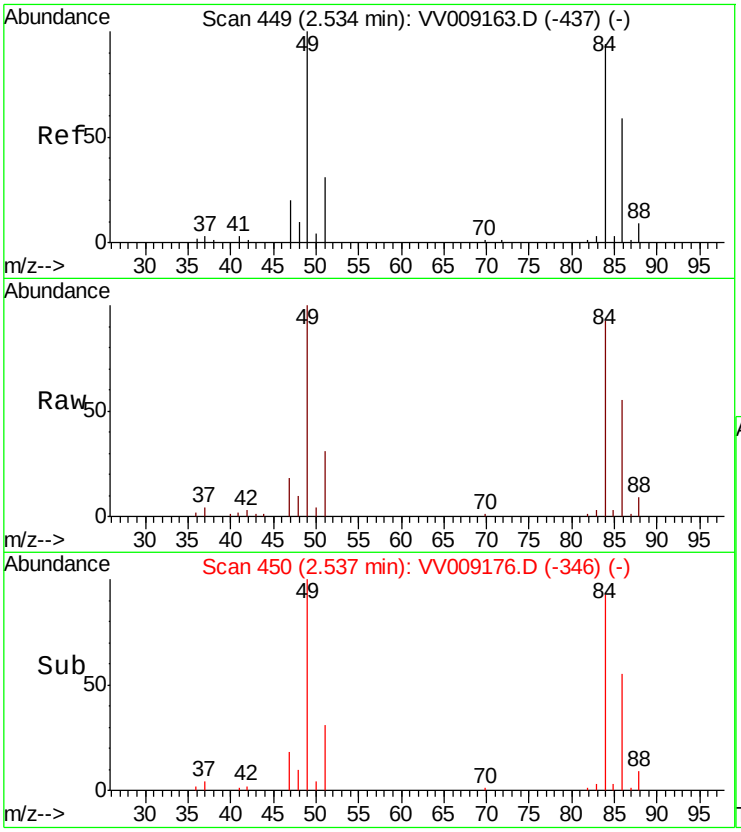


#15
Methyl Acetate
Concen: 0.694 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.00 min
Lab File: VV009176.D
Acq: 04 Jan 2019 23:09

Tgt Ion: 43 Resp: 1099

Ion	Ratio	Lower	Upper
43	100		
74	13.1	19.4	29.0#



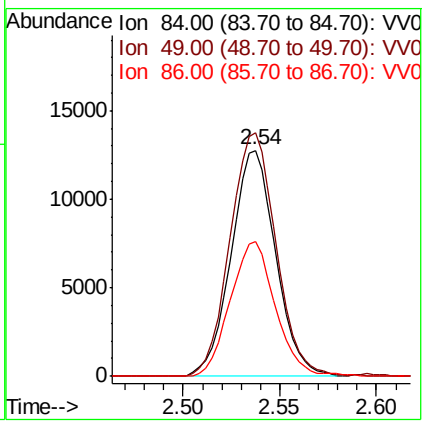


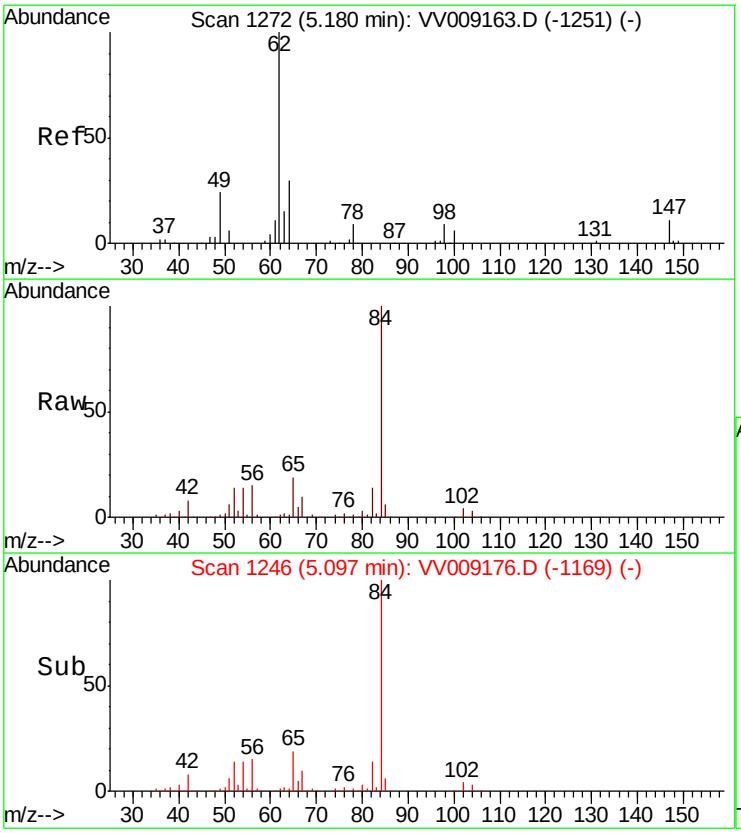
#16
Methylene chloride
Concen: 7.300 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009176.D
Acq: 04 Jan 2019 23:09

Instrument :
MSVOA_V
ClientSampleId :
BE9W5

Tgt Ion: 84 Resp: 20465

Ion	Ratio	Lower	Upper
84	100		
49	107.8	77.6	144.2
86	59.7	47.4	88.0

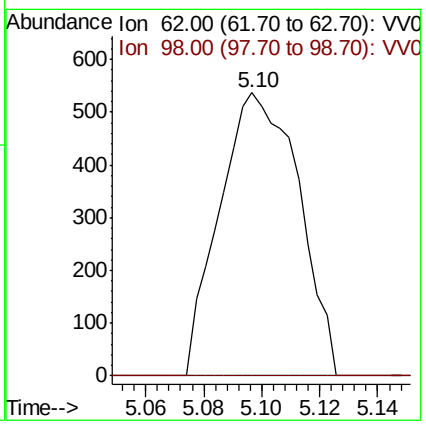


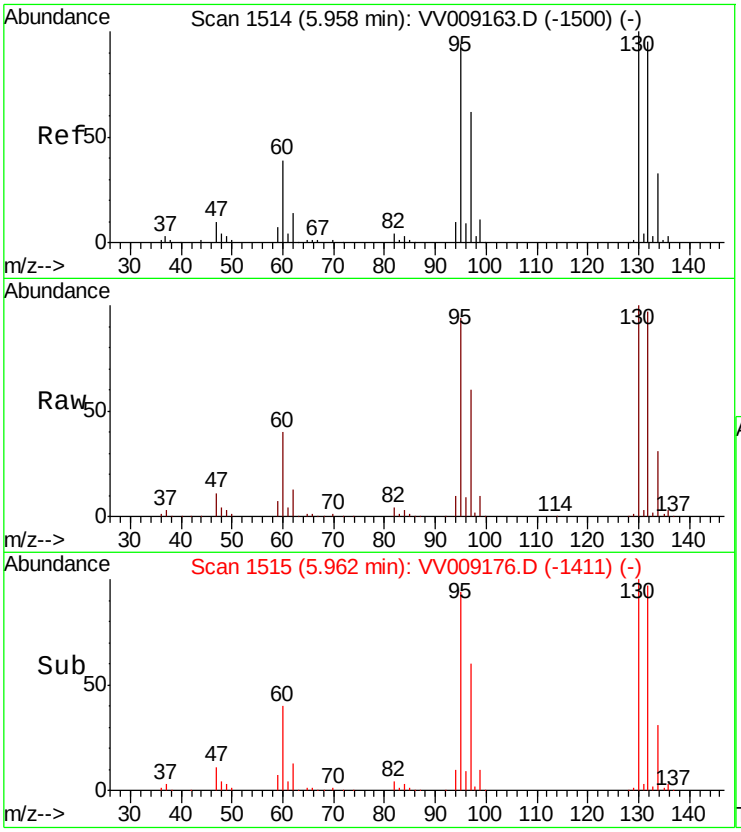


#27
1,2-Dichloroethane
Concen: 0.348 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009176.D
Acq: 04 Jan 2019 23:09

Tgt Ion: 62 Resp: 1015

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.1	12.1#



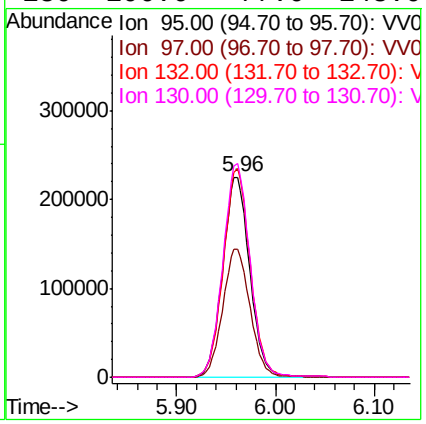


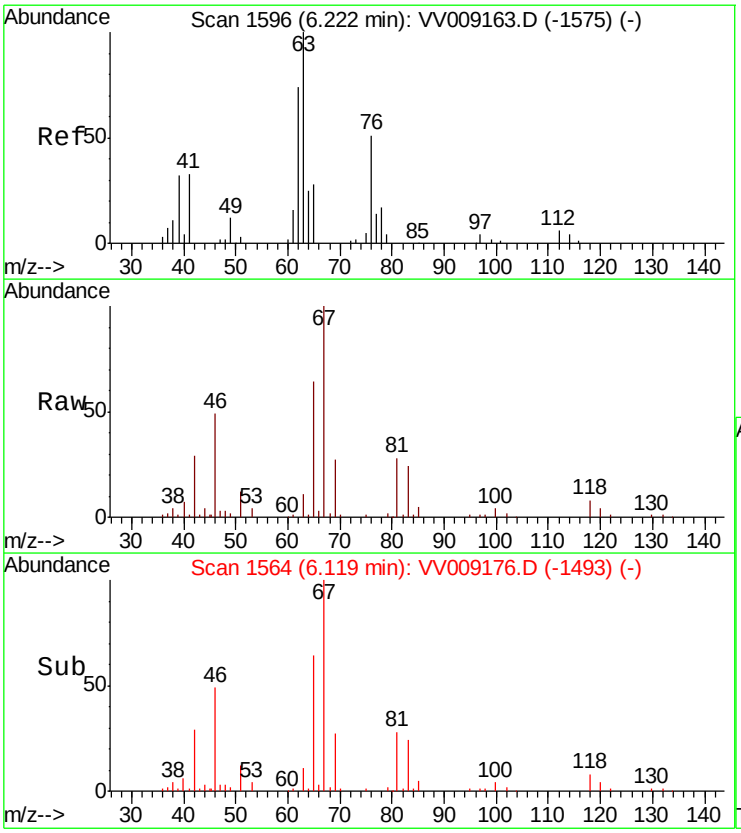
#35
Trichloroethene
Concen: 152.189 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009176.D
Acq: 04 Jan 2019 23:09

Instrument : MSVOA_V
ClientSampleId : BE9W5

Tgt Ion: 95 Resp: 434868

Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.2	85.8
132	103.2	73.9	137.3
130	106.6	77.0	143.0

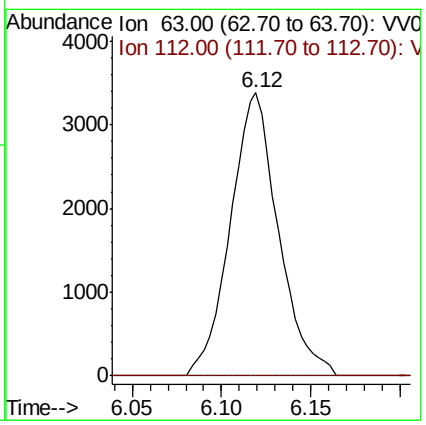


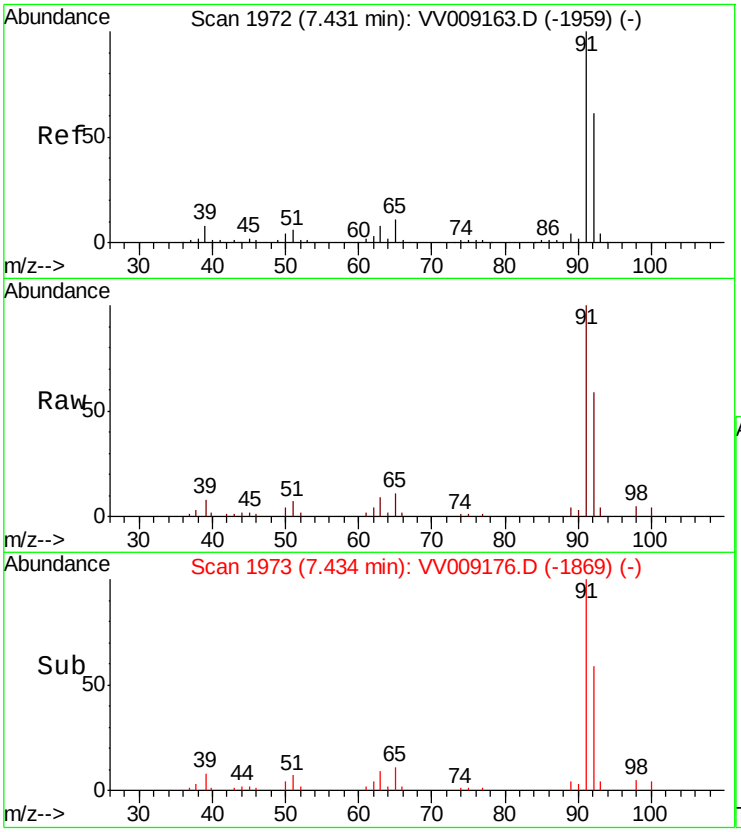


#40
1,2-Dichloropropane
Concen: 2.660 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009176.D
Acq: 04 Jan 2019 23:09

Tgt Ion: 63 Resp: 6358

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#





#44
Toluene
Concen: 1.893 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV009176.D
Acq: 04 Jan 2019 23:09

Instrument :
MSVOA_V
ClientSampleId :
BE9W5

Tgt Ion: 91 Resp: 20247

Ion	Ratio	Lower	Upper
91	100		
92	59.3	41.7	77.5