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

Quantitation Report (Not Reviewed)

Data File : VV010876.D
Acq On : 14 May 2019 23:42
Operator : SY/MD
Sample : K2798-05MSD
Misc : 4.70G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB875MSD

Quant Time: May 15 08:11:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 08:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	135482	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135216	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	58338	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	35328	20.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.88%			
7) Chloroethane-d5	1.57	69	27741	24.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.64%			
10) 1,1-Dichloroethene-d2	2.13	63	74405	22.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.12%			
20) 2-Butanone-d5	3.94	46	22588	41.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.18%			
24) Chloroform-d	4.40	84	77777	19.88	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 79.52%			
26) 1,2-Dichloroethane-d4	5.08	65	46176	20.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 83.04%			
29) Benzene-d6	5.10	84	164989	22.04	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.16%			
33) 1,2-Dichloropropane-d6	6.12	67	53494	22.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.60%			
37) Toluene-d8	7.36	98	146118	20.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.28%			
38) trans-1,3-Dichloropropene-	7.66	79	19269	18.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.00%			
39) 2-Hexanone-d5	8.13	63	16951	37.46	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.92%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41391	18.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 74.76%			
61) 1,2-Dichlorobenzene-d4	11.67	152	54289	22.28	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.12%			

Target Compounds						Qvalue
6) Bromomethane	1.51	94	777	1.727	ug/L	96
8) Chloroethane	1.53	64	1703	1.699	ug/L #	42
12) 1,1-Dichloroethene	2.14	96	41170	26.370	ug/L	89
13) Acetone	2.19	43	1549	2.800	ug/L	74
25) Chloroform	4.42	83	6181	1.583	ug/L #	74
34) Benzene	5.14	78	195799	24.845	ug/L	100
35) Trichloroethene	5.96	95	49467	24.218	ug/L	99
36) Methylcyclohexane	6.12	83	12518	4.404	ug/L #	19
40) 1,2-Dichloropropane	6.12	63	5968	2.780	ug/L #	88
44) Toluene	7.43	91	214304	24.463	ug/L	97
52) Chlorobenzene	8.92	112	140357	23.525	ug/L	99
59) 1,2,3-Trichloropropane	11.29	75	7675	4.640	ug/L	93

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

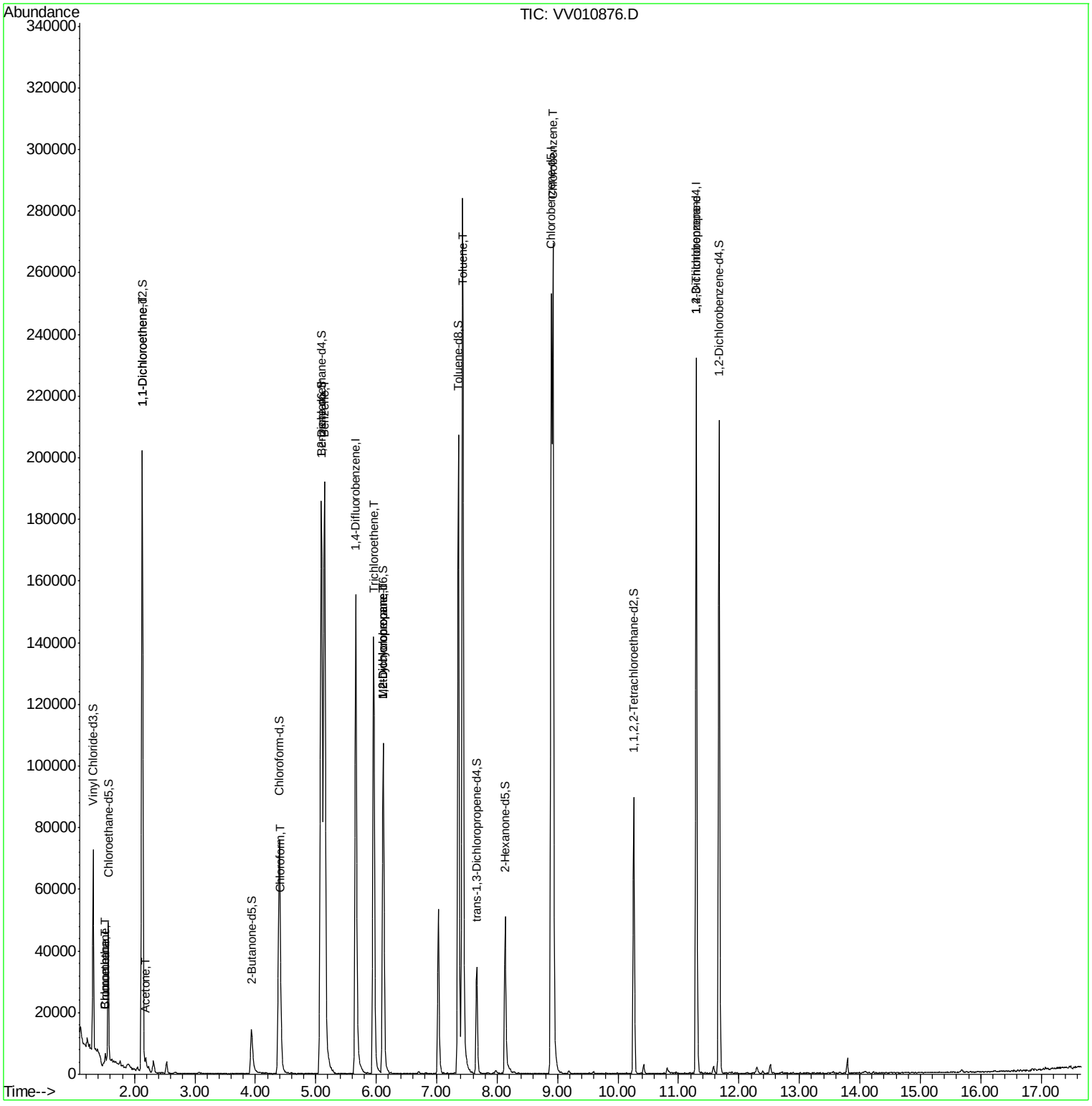
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

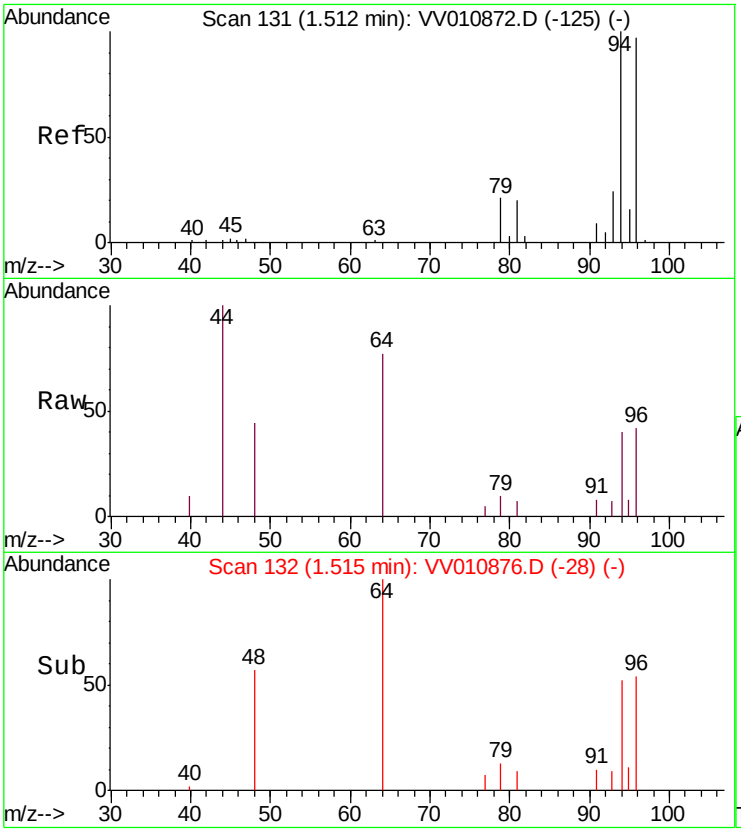
Quantitation Report (Not Reviewed)

Data File : VV010876.D
Acq On : 14 May 2019 23:42
Operator : SY/MD
Sample : K2798-05MSD
Misc : 4.70G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB875MSD

Quant Time: May 15 08:11:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 08:08:35 2019
Response via : Initial Calibration



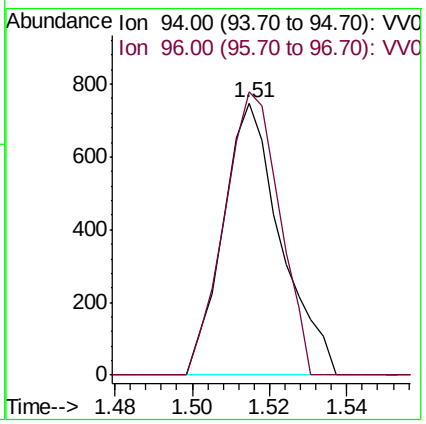


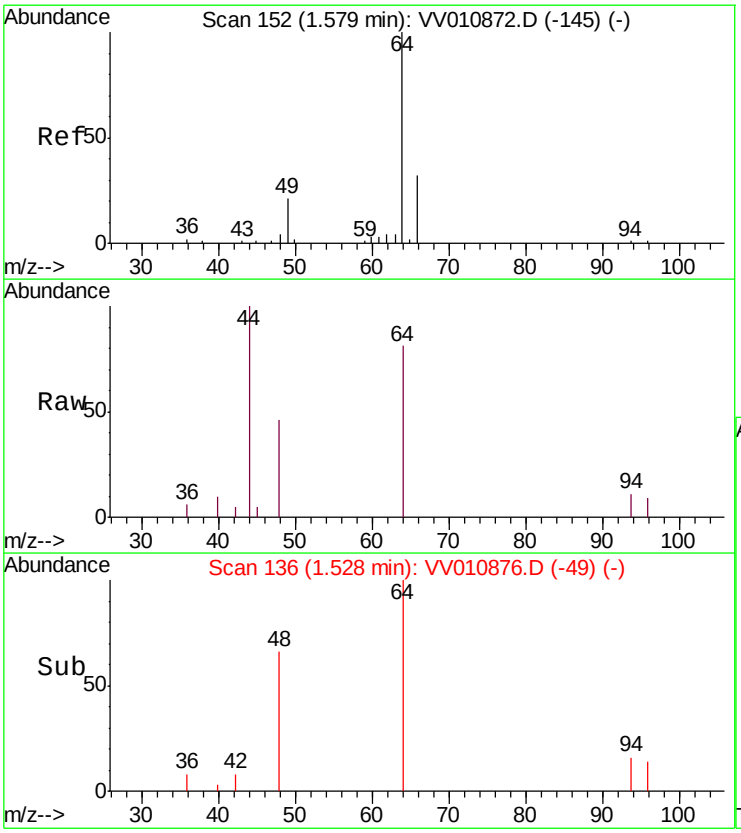
#6
Bromomethane
Concen: 1.727 ug/L
RT: 1.51 min Scan# 132
Delta R.T. 0.00 min
Lab File: VV010876.D
Acq: 14 May 2019 23:42

Instrument :
MSVOA_V
ClientSampleId :
DB875MSD

Tgt Ion: 94 Resp: 777

Ion	Ratio	Lower	Upper
94	100		
96	99.4	9.6	181.6

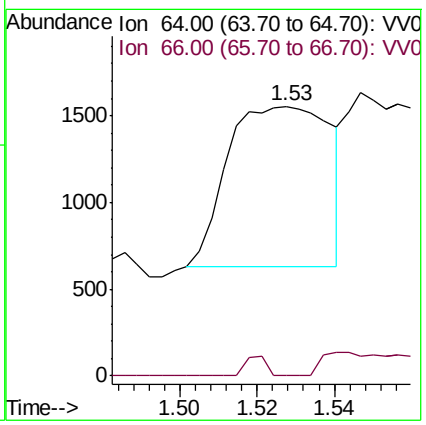


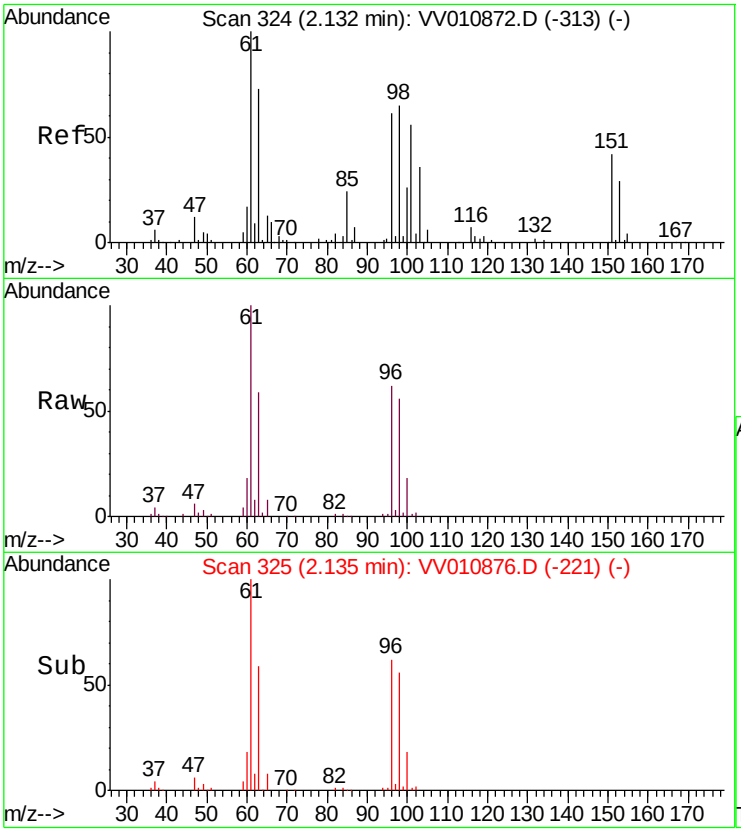


#8
Chloroethane
Concen: 1.699 ug/L
RT: 1.53 min Scan# 136
Delta R.T. -0.05 min
Lab File: VV010876.D
Acq: 14 May 2019 23:42

Tgt Ion: 64 Resp: 1703

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.5	41.9#



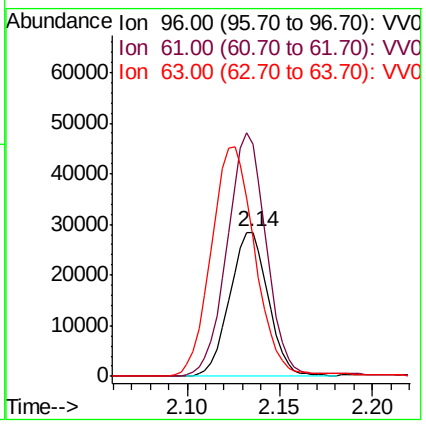


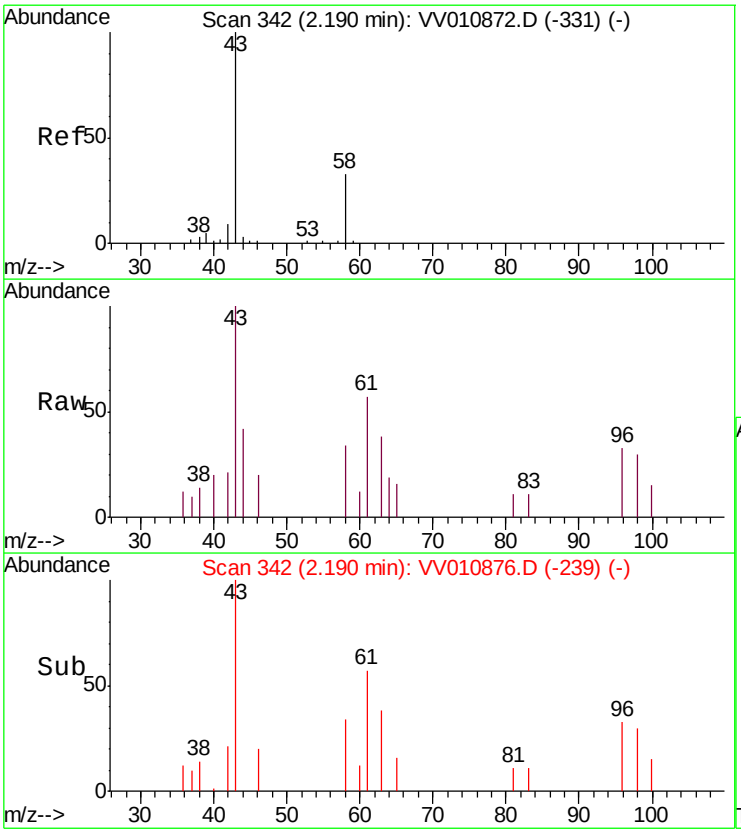
#12
1,1-Dichloroethene
Concen: 26.370 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV010876.D
Acq: 14 May 2019 23:42

Instrument : MSVOA_V
ClientSampleId : DB875MSD

Tgt Ion: 96 Resp: 41170

Ion	Ratio	Lower	Upper
96	100		
61	161.4	117.5	218.3
63	96.0	82.8	153.8

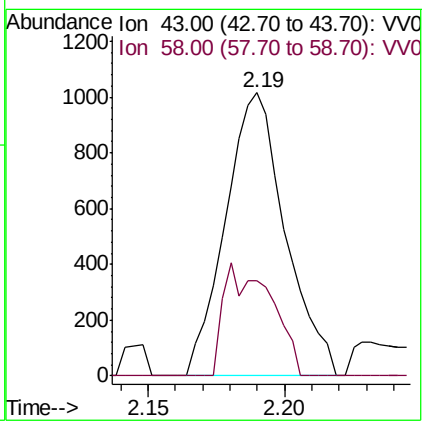


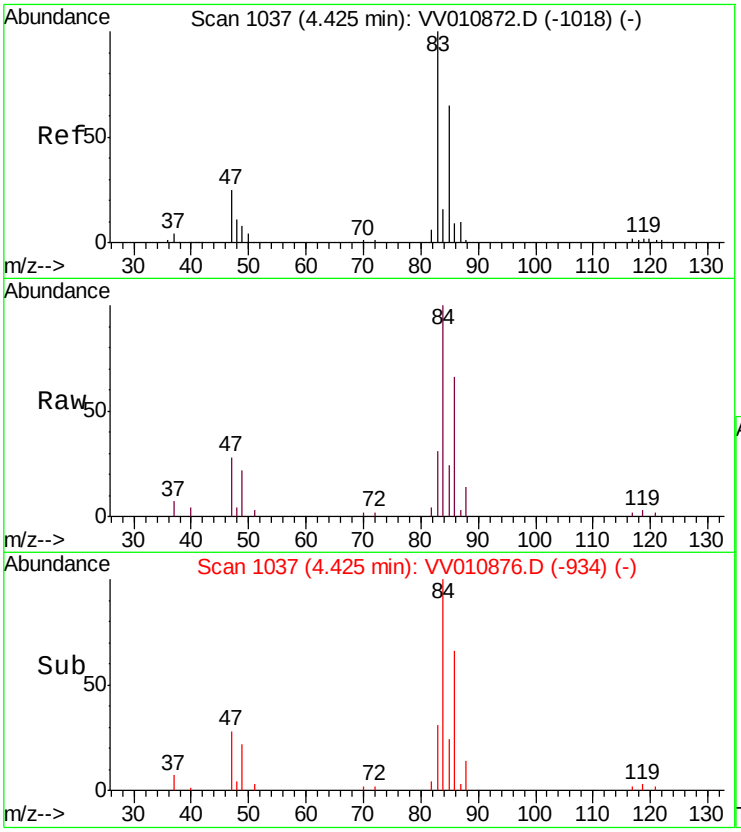


#13
Acetone
Concen: 2.800 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.00 min
Lab File: VV010876.D
Acq: 14 May 2019 23:42

Tgt Ion: 43 Resp: 1549

Ion	Ratio	Lower	Upper
43	100		
58	19.5	0.0	69.2



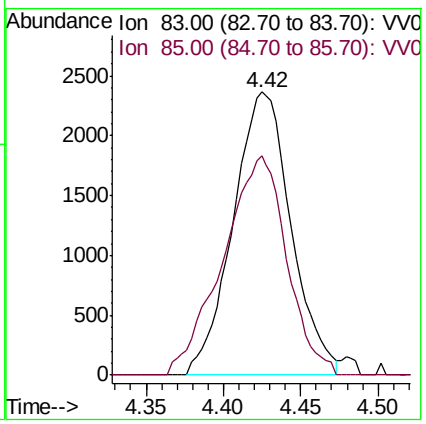


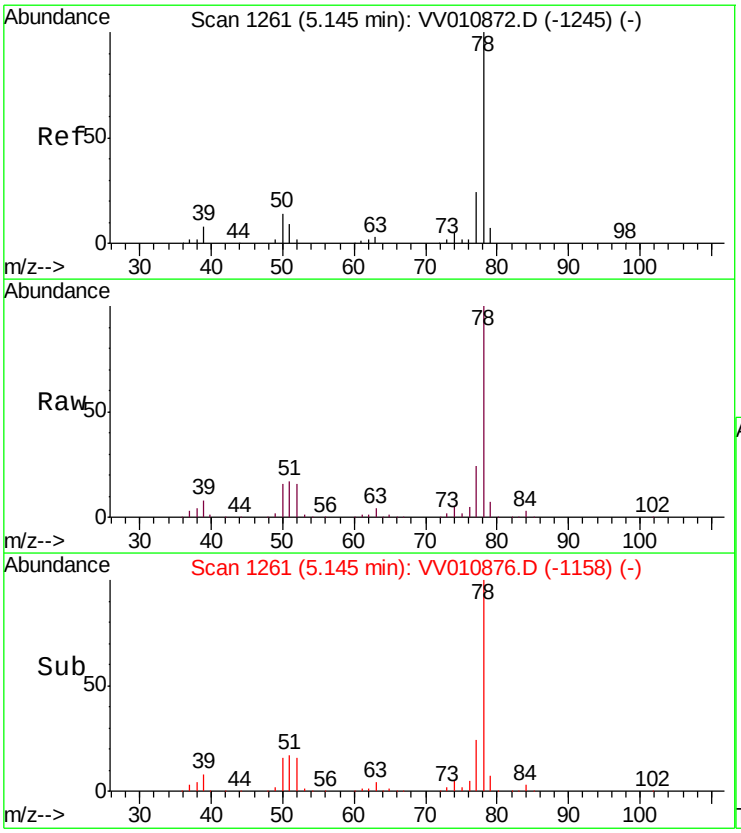
#25
Chloroform
Concen: 1.583 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010876.D
Acq: 14 May 2019 23:42

Instrument :
MSVOA_V
ClientSampleId :
DB875MSD

Tgt Ion: 83 Resp: 6181

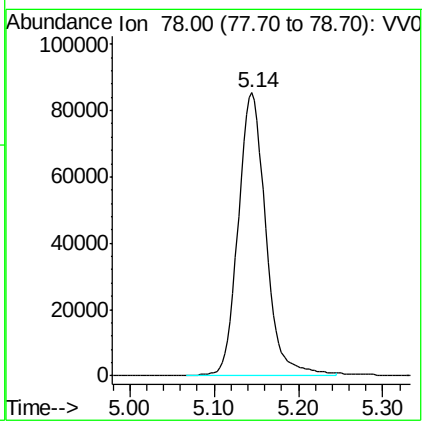
Ion	Ratio	Lower	Upper
83	100		
85	85.0	45.3	84.1#

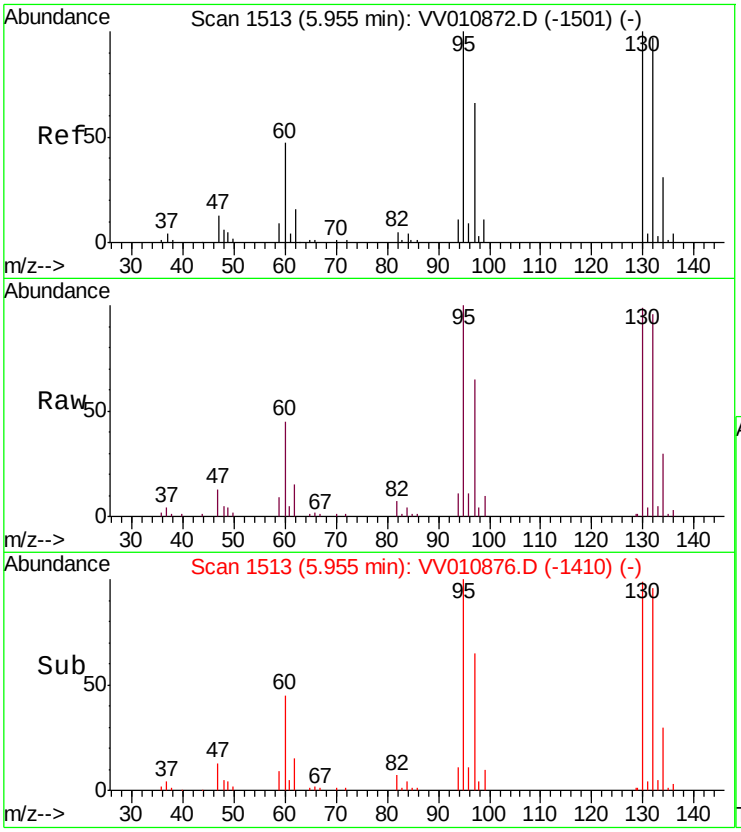




#34
Benzene
Concen: 24.845 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV010876.D
Acq: 14 May 2019 23:42

Tgt Ion: 78 Resp: 195799



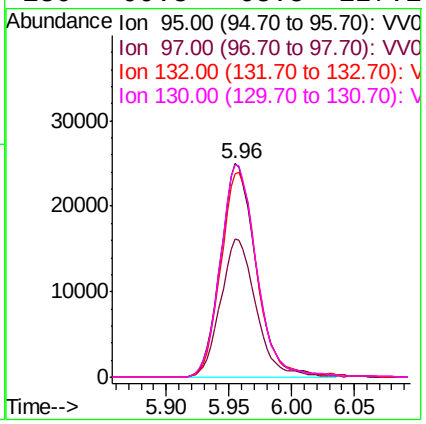


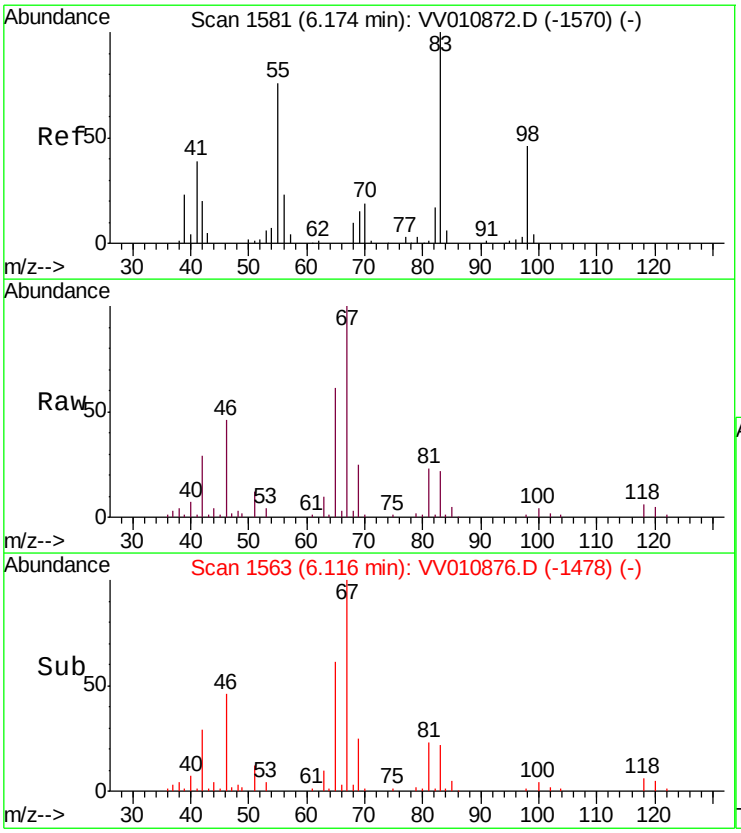
#35
Trichloroethene
Concen: 24.218 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV010876.D
Acq: 14 May 2019 23:42

Instrument :
MSVOA_V
ClientSampleId :
DB875MSD

Tgt Ion: 95 Resp: 49467

Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.0	85.4
132	96.7	67.4	125.2
130	99.8	68.5	127.1

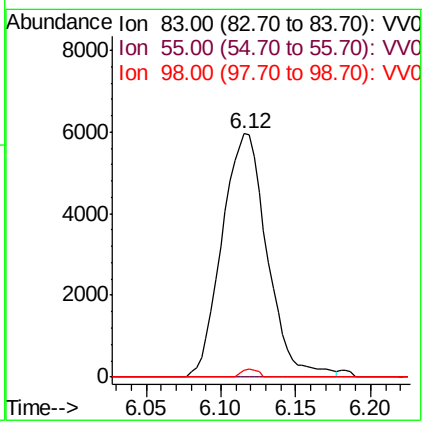


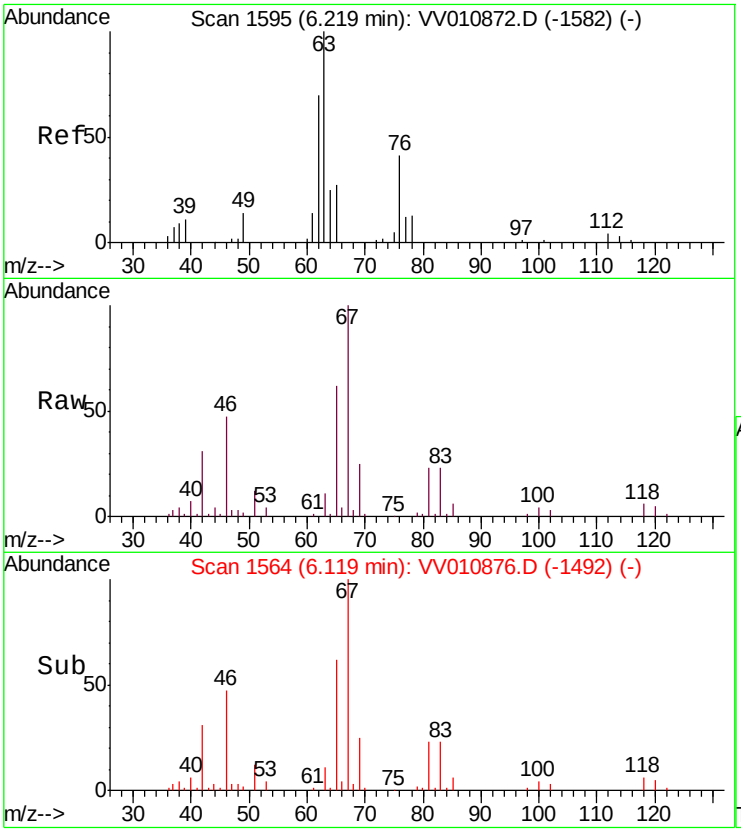


#36
Methylcyclohexane
Concen: 4.404 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010876.D
Acq: 14 May 2019 23:42

Tgt Ion: 83 Resp: 12518

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.4#
98	1.2	37.2	55.8#



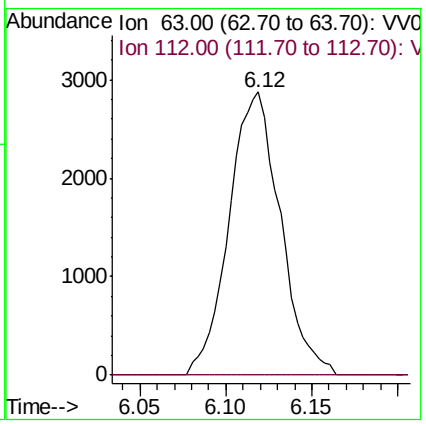


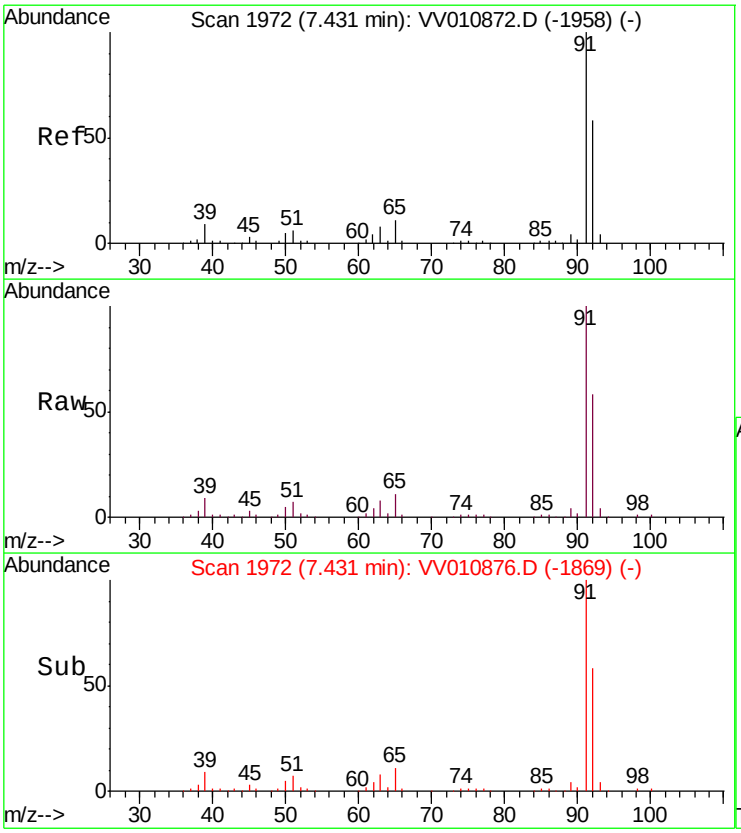
#40
1,2-Dichloropropane
Concen: 2.780 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010876.D
Acq: 14 May 2019 23:42

Instrument : MSVOA_V
ClientSampleId : DB875MSD

Tgt Ion: 63 Resp: 5968

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

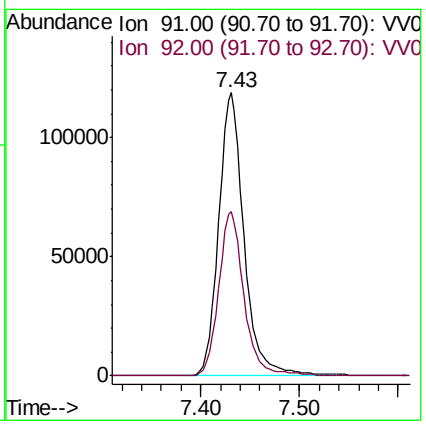


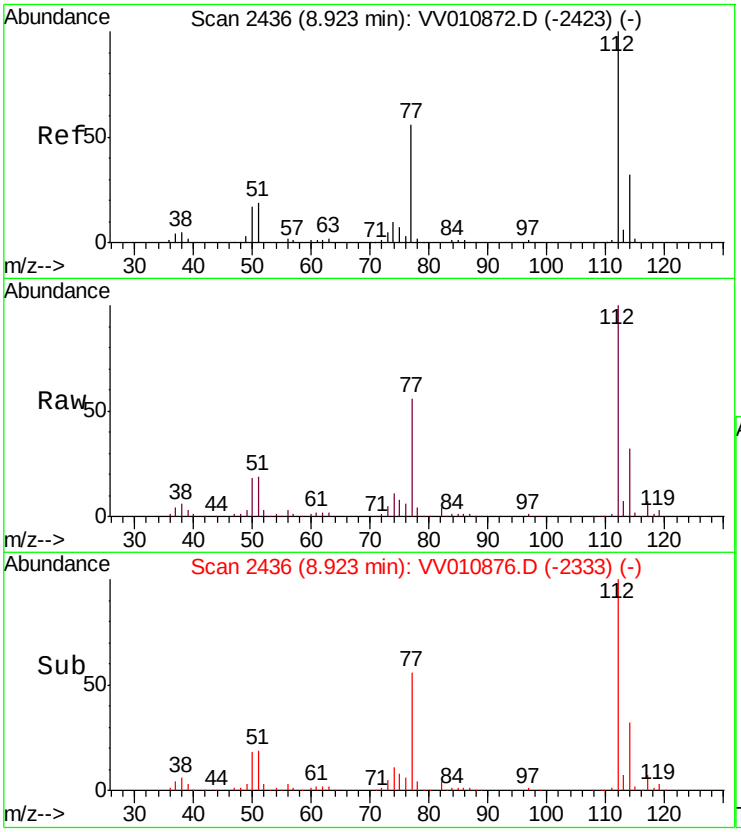


#44
Toluene
Concen: 24.463 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV010876.D
Acq: 14 May 2019 23:42

Tgt Ion: 91 Resp: 214304

Ion	Ratio	Lower	Upper
91	100		
92	58.1	39.1	72.7



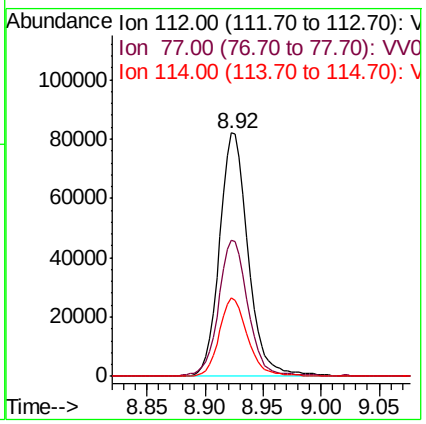


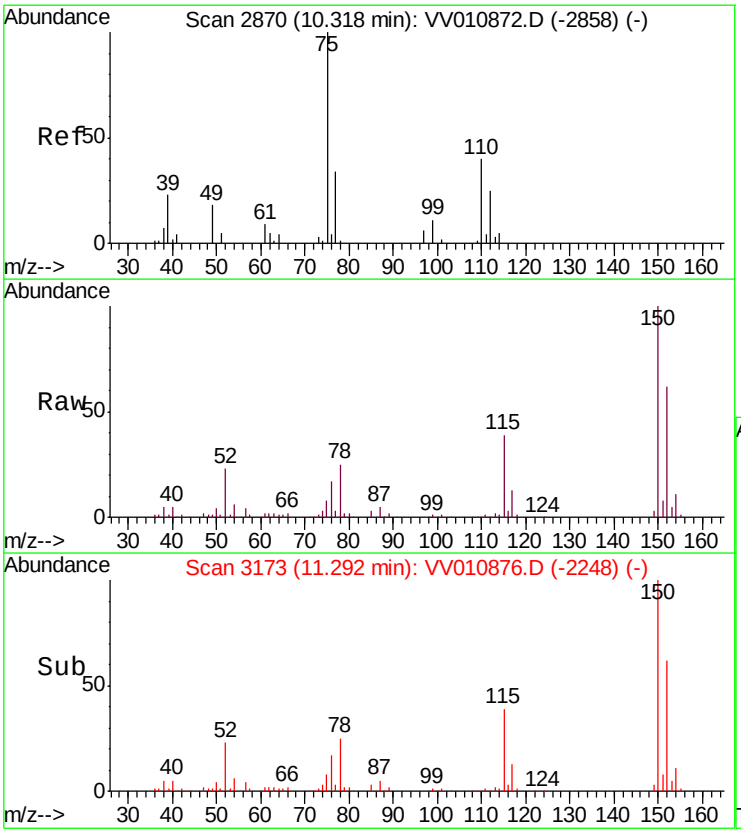
#52
Chlorobenzene
Concen: 23.525 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV010876.D
Acq: 14 May 2019 23:42

Instrument :
MSVOA_V
ClientSampleId :
DB875MSD

Tgt Ion:112 Resp: 140357

Ion	Ratio	Lower	Upper
112	100		
77	56.1	45.4	68.0
114	32.1	22.4	41.6





#59
1,2,3-Trichloropropane
Concen: 4.640 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010876.D
Acq: 14 May 2019 23:42

Tgt Ion: 75 Resp: 7675

Ion	Ratio	Lower	Upper
75	100		
77	36.9	26.4	39.6