Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\

Quantitation Report (Not Reviewed)

Data File : VV011030.D
Acq On : 23 May 2019 16:38
Operator : SY/MD
Sample : K3016-12MSD
Misc : 5.53G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C9

Quant Time: May 24 08:19:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	106448	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	92878	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28277	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24723	20.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.48%			
7) Chloroethane-d5	1.56	69	17451	21.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.96%			
10) 1,1-Dichloroethene-d2	2.12	63	48940	20.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.88%			
20) 2-Butanone-d5	3.94	46	30178	72.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 144.14%#			
24) Chloroform-d	4.40	84	58767	21.31	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.24%			
26) 1,2-Dichloroethane-d4	5.08	65	36442	22.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.72%			
29) Benzene-d6	5.09	84	123709	24.40	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.60%			
33) 1,2-Dichloropropane-d6	6.12	67	40997	25.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.76%			
37) Toluene-d8	7.36	98	103308	21.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.68%			
38) trans-1,3-Dichloropropene-	7.66	79	15423	23.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.24%			
39) 2-Hexanone-d5	8.13	63	22872	76.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 152.22%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40907	25.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.72%			
61) 1,2-Dichlorobenzene-d4	11.67	152	22183	19.32	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 77.28%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	26375	23.480	ug/L	98
13) Acetone	2.19	43	36641	90.738	ug/L	98
15) Methyl Acetate	2.45	43	6162	7.942	ug/L	96
21) 2-Butanone	4.03	43	1771	3.205	ug/L	99
25) Chloroform	4.42	83	3623	1.135	ug/L	89
34) Benzene	5.14	78	147309	27.513	ug/L	100
35) Trichloroethene	5.96	95	36083	24.392	ug/L	95
36) Methylcyclohexane	6.12	83	9500	4.344	ug/L #	21
40) 1,2-Dichloropropane	6.12	63	4364	3.101	ug/L #	86
44) Toluene	7.43	91	150114	25.265	ug/L	99
52) Chlorobenzene	8.92	112	87702	21.535	ug/L	96
59) 1,2,3-Trichloropropane	11.30	75	3857	3.326	ug/L #	83

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

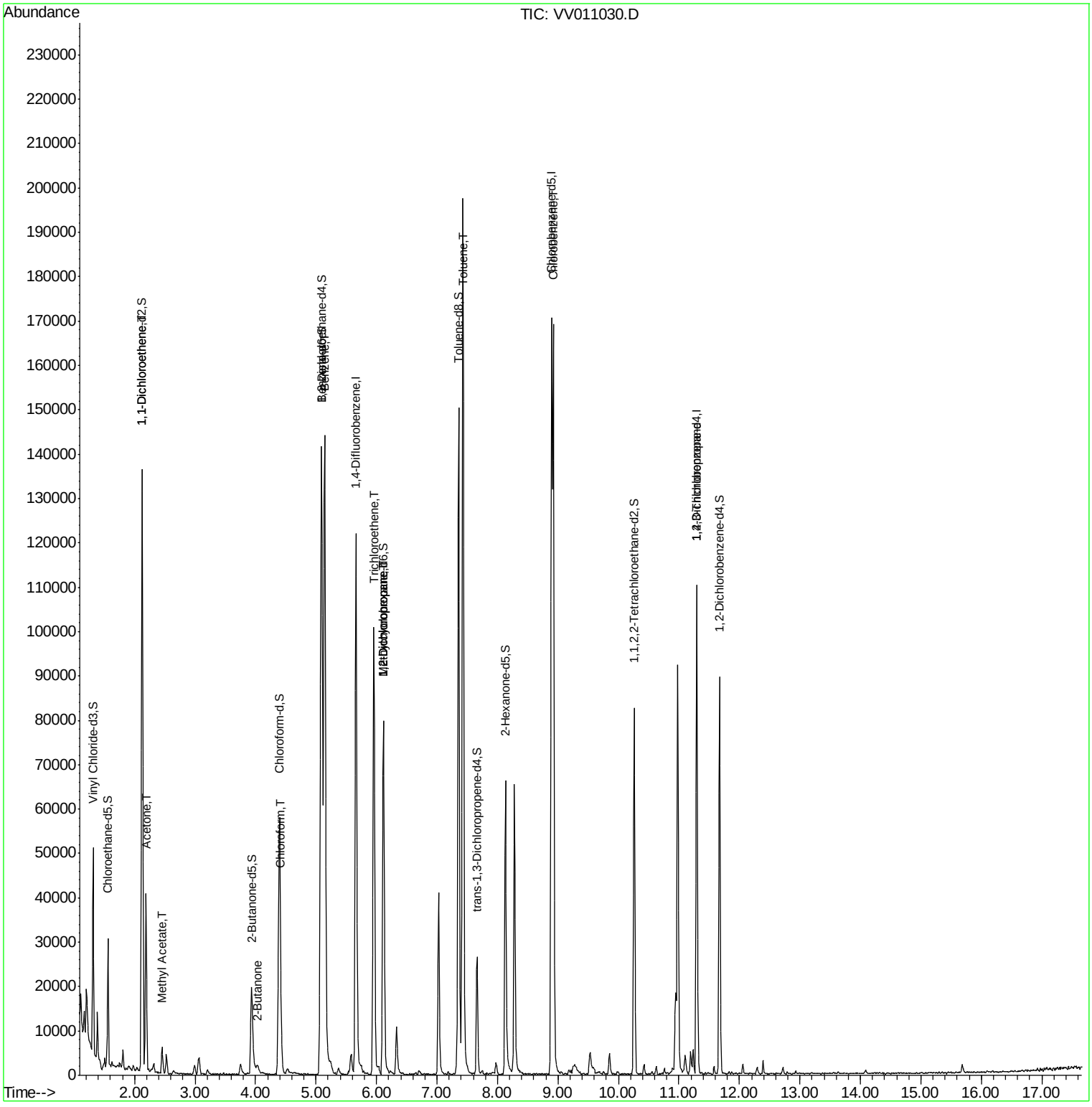
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\

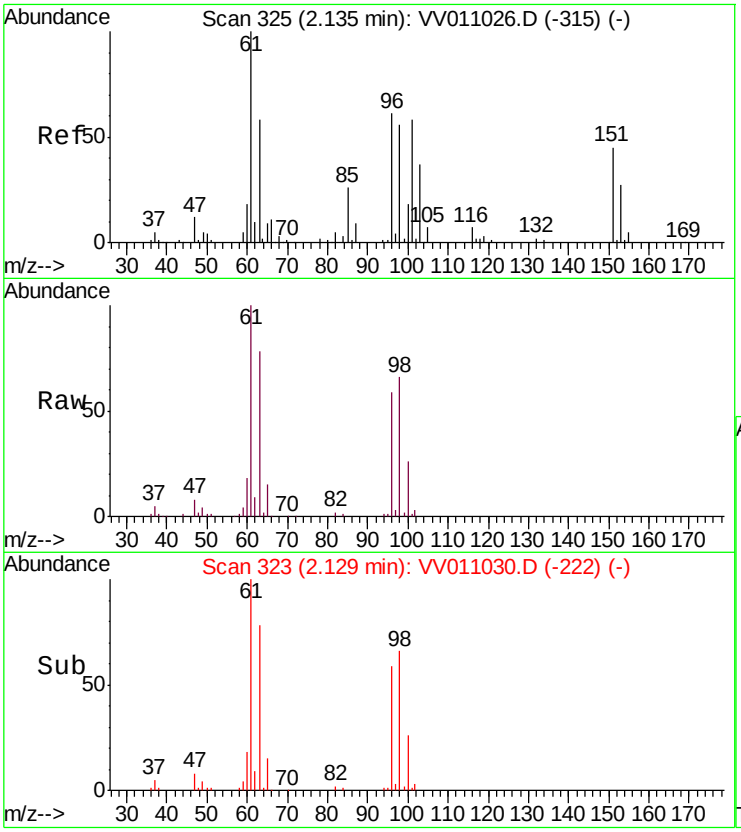
Quantitation Report (Not Reviewed)

Data File : VV011030.D
Acq On : 23 May 2019 16:38
Operator : SY/MD
Sample : K3016-12MSD
Misc : 5.53G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C9

Quant Time: May 24 08:19:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration



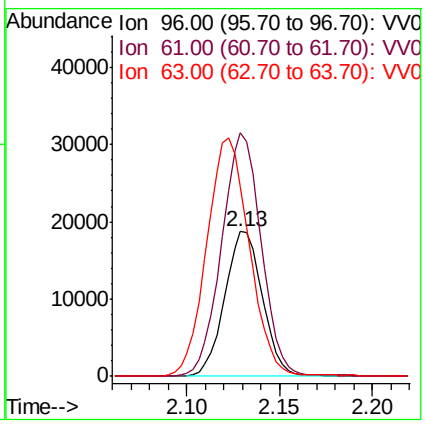


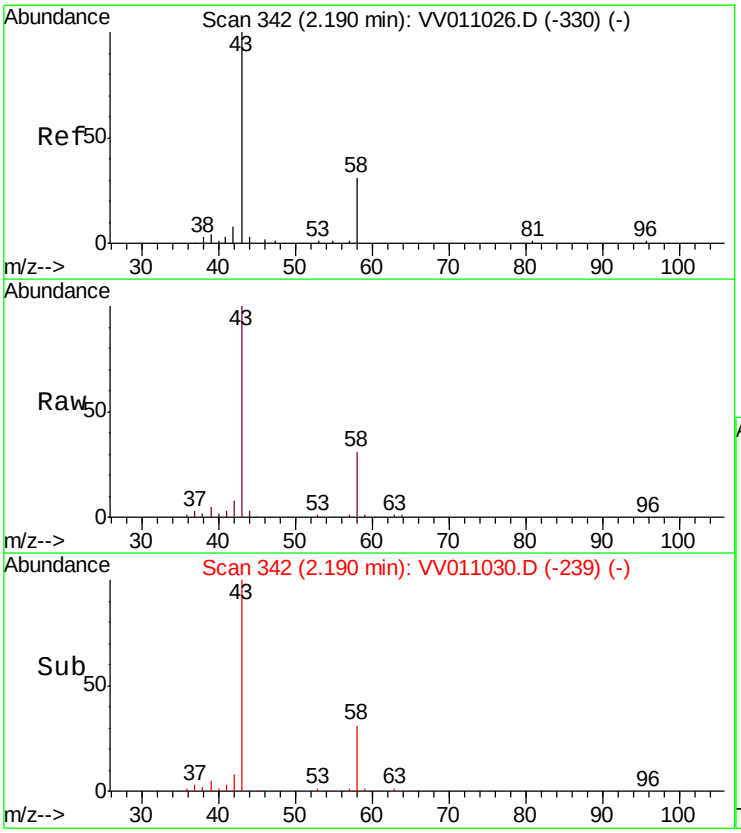
#12
1,1-Dichloroethene
Concen: 23.480 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV011030.D
Acq: 23 May 2019 16:38

Instrument : MSVOA_V
ClientSampleId : A51C9

Tgt Ion: 96 Resp: 26375

Ion	Ratio	Lower	Upper
96	100		
61	168.4	117.8	218.8
63	130.9	87.1	161.7

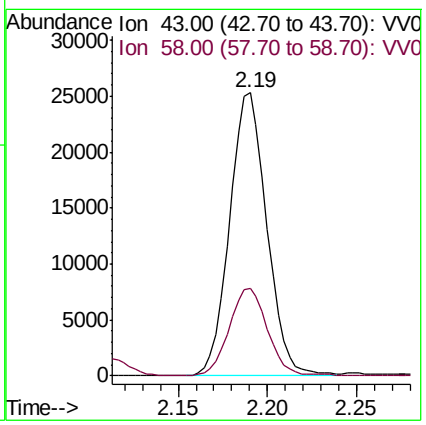


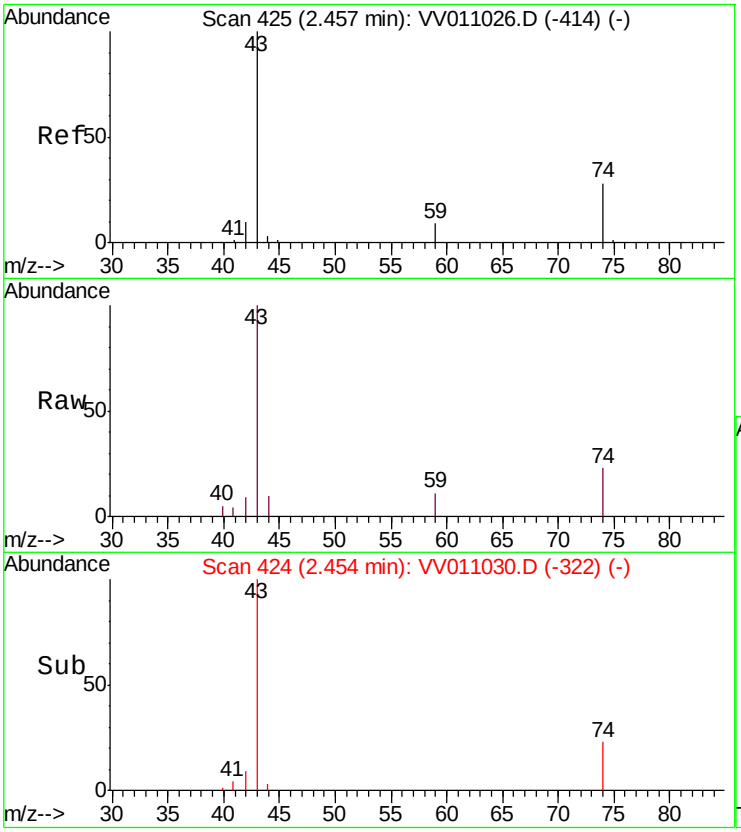


#13
Acetone
Concen: 90.738 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV011030.D
Acq: 23 May 2019 16:38

Tgt Ion: 43 Resp: 36641

Ion	Ratio	Lower	Upper
43	100		
58	31.7	0.0	60.8



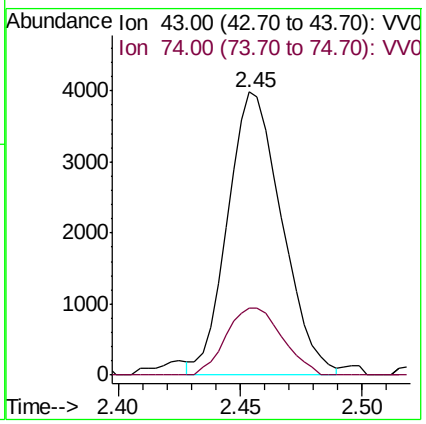


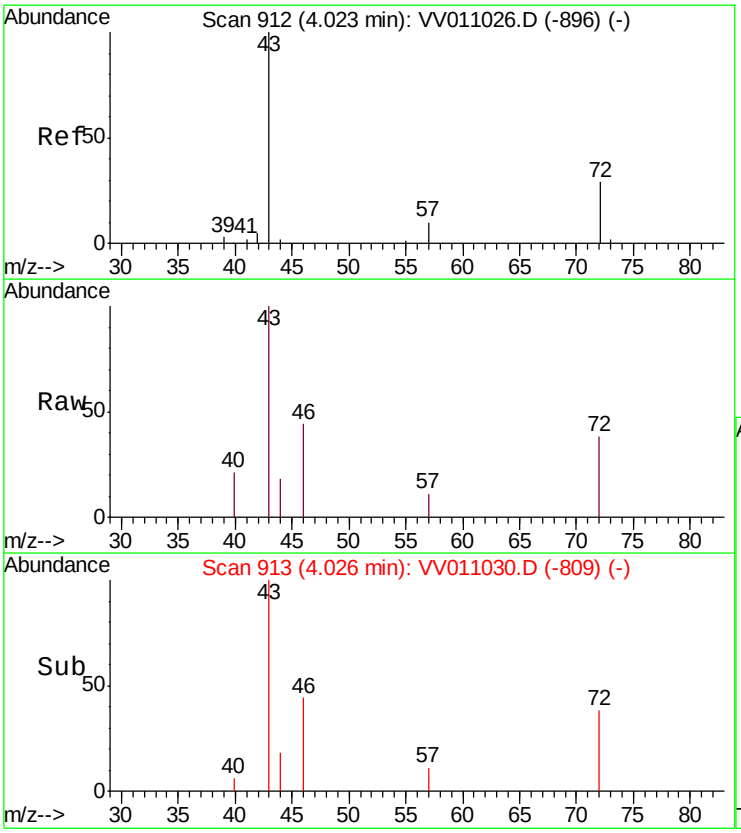
#15
Methyl Acetate
Concen: 7.942 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.00 min
Lab File: VV011030.D
Acq: 23 May 2019 16:38

Instrument :
MSVOA_V
ClientSampleId :
A51C9

Tgt Ion: 43 Resp: 6162

Ion	Ratio	Lower	Upper
43	100		
74	24.5	21.1	31.7

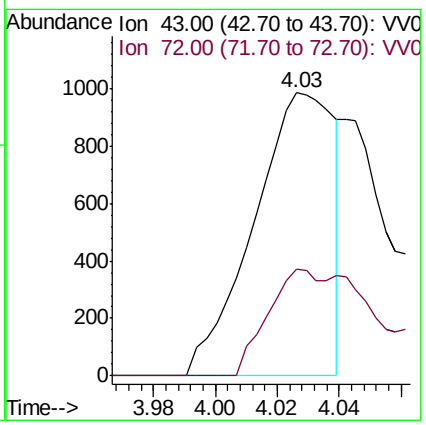


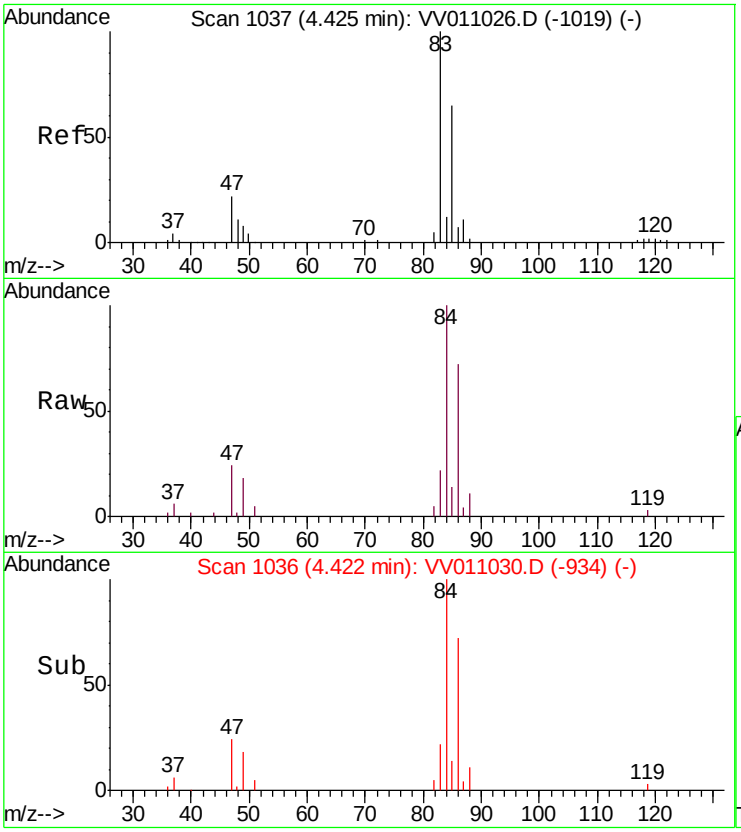


#21
2-Butanone
Concen: 3.205 ug/L
RT: 4.03 min Scan# 913
Delta R.T. 0.00 min
Lab File: VV011030.D
Acq: 23 May 2019 16:38

Tgt Ion: 43 Resp: 1771

Ion	Ratio	Lower	Upper
43	100		
72	26.5	13.1	39.3



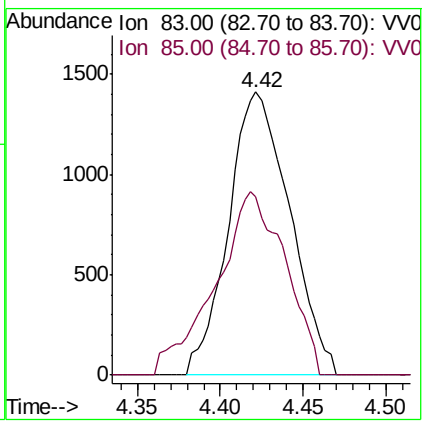


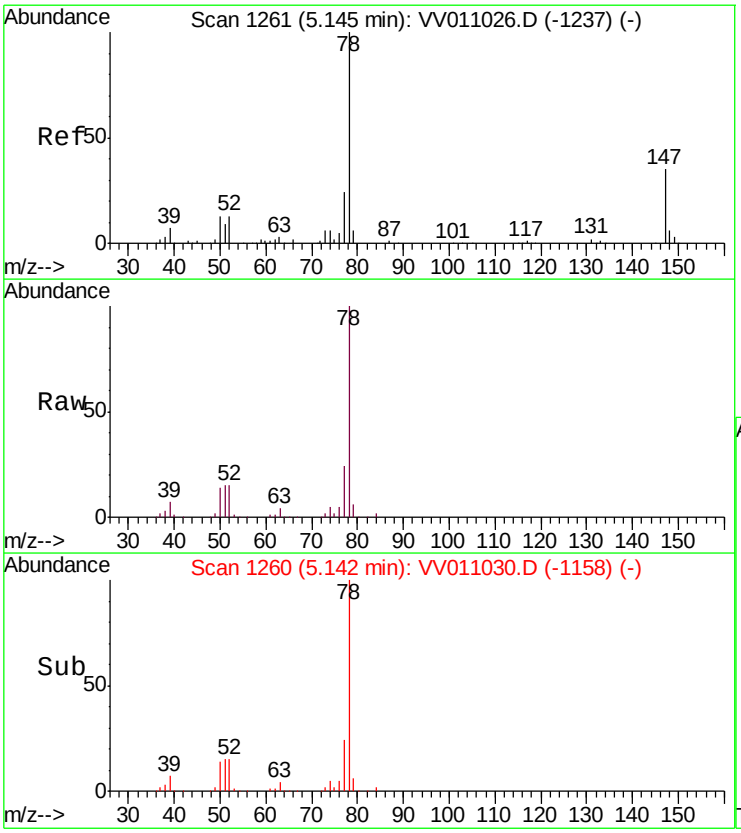
#25
Chloroform
Concen: 1.135 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011030.D
Acq: 23 May 2019 16:38

Instrument :
MSVOA_V
ClientSampleId :
A51C9

Tgt Ion: 83 Resp: 3623

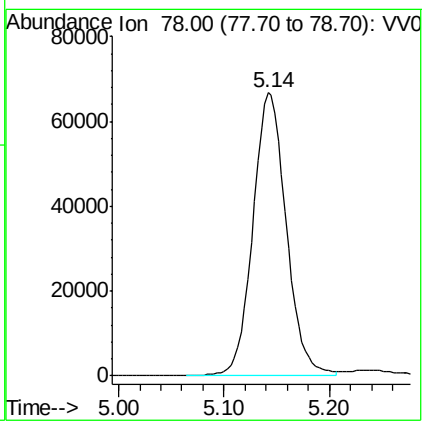
Ion	Ratio	Lower	Upper
83	100		
85	73.9	45.6	84.8

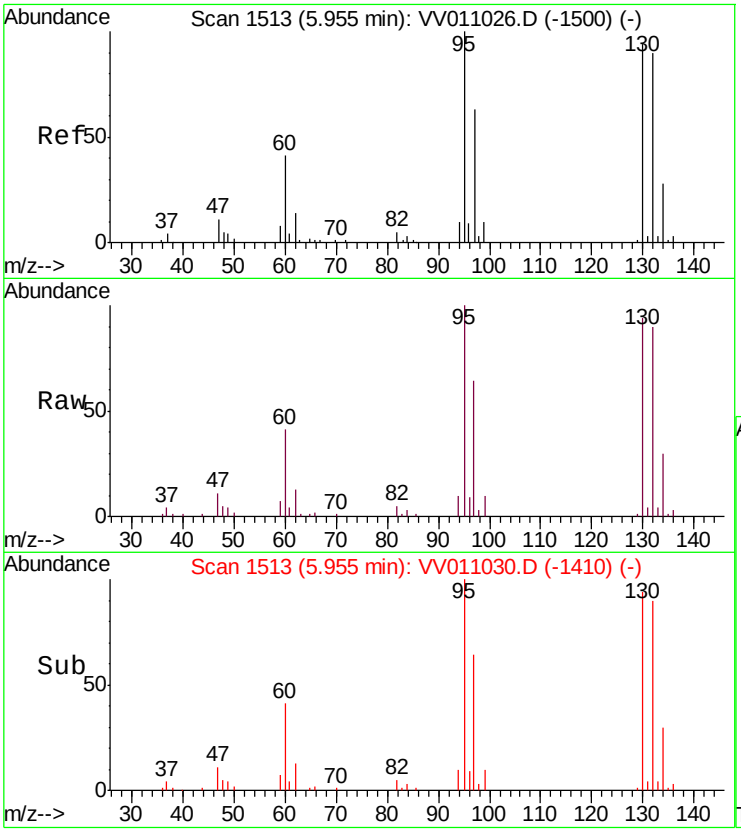




#34
Benzene
Concen: 27.513 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VV011030.D
Acq: 23 May 2019 16:38

Tgt Ion: 78 Resp: 147309



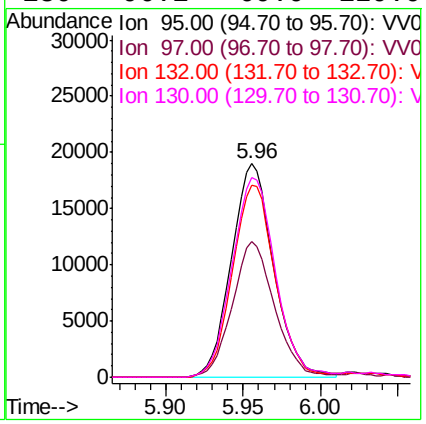


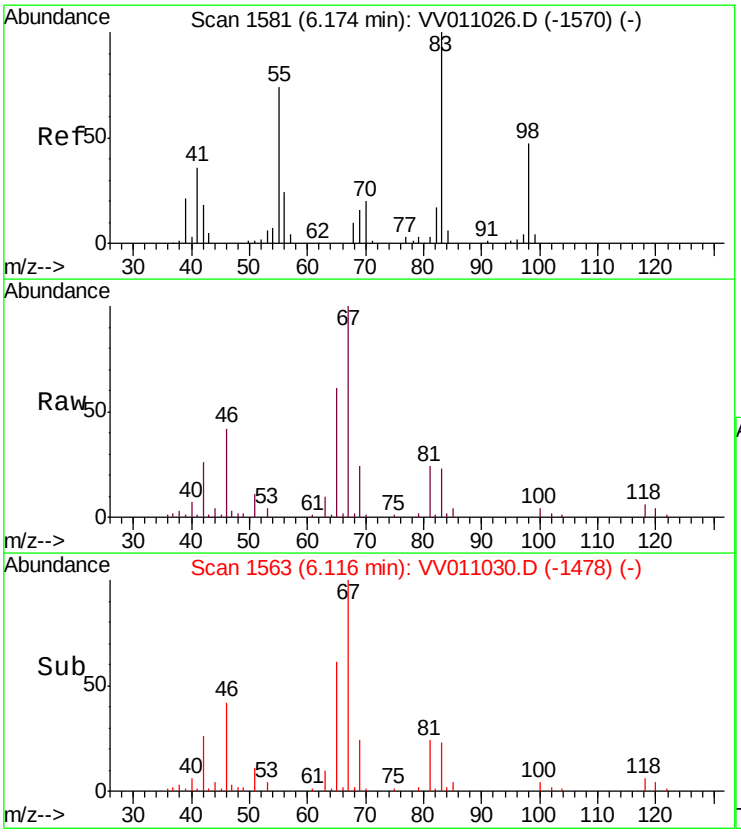
#35
Trichloroethene
Concen: 24.392 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011030.D
Acq: 23 May 2019 16:38

Instrument : MSVOA_V
ClientSampleId : A51C9

Tgt Ion: 95 Resp: 36083

Ion	Ratio	Lower	Upper
95	100		
97	63.3	43.4	80.6
132	90.7	68.8	127.8
130	96.1	69.9	129.9

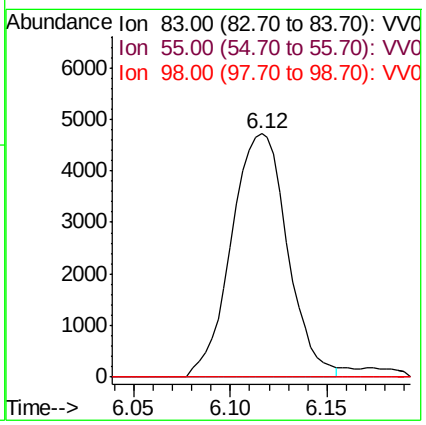


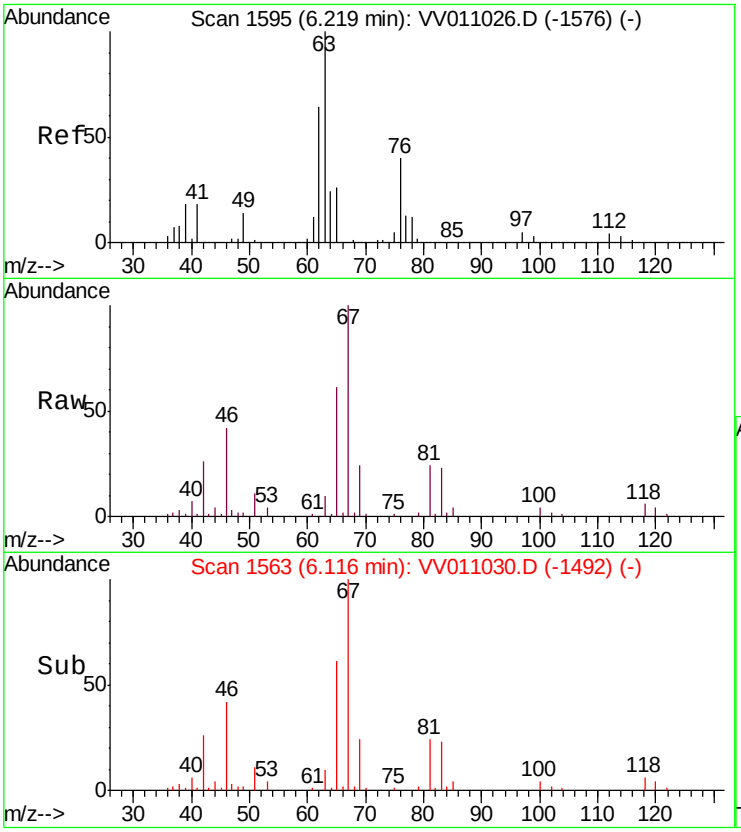


#36
Methylcyclohexane
Concen: 4.344 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011030.D
Acq: 23 May 2019 16:38

Tgt Ion: 83 Resp: 9500

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.0	85.4#
98	0.0	36.2	54.4#



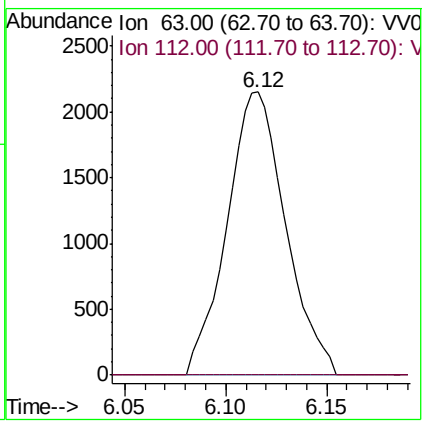


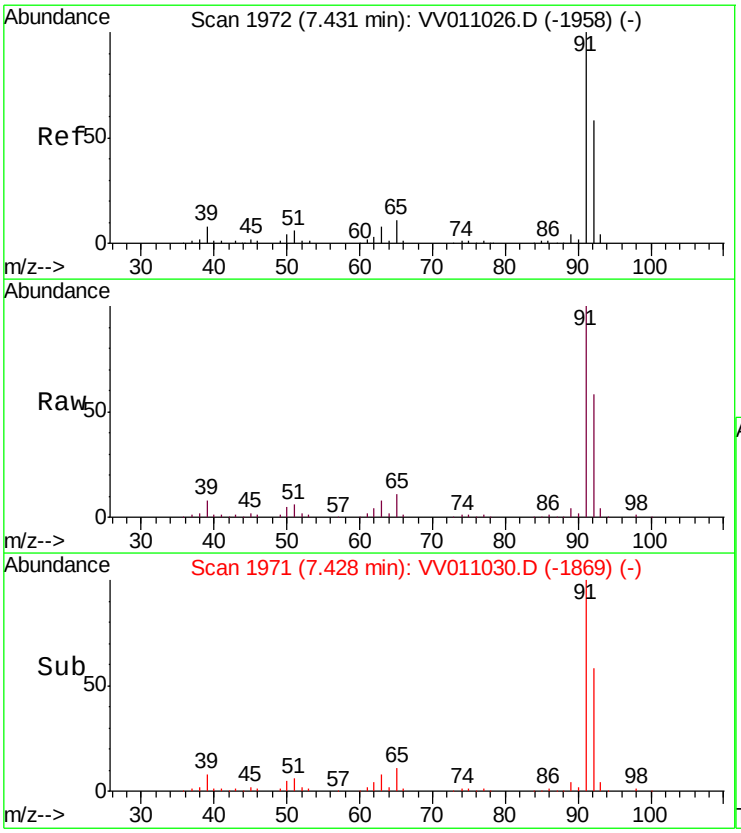
#40
1,2-Dichloropropane
Concen: 3.101 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011030.D
Acq: 23 May 2019 16:38

Instrument : MSVOA_V
ClientSampleId : A51C9

Tgt Ion: 63 Resp: 4364

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

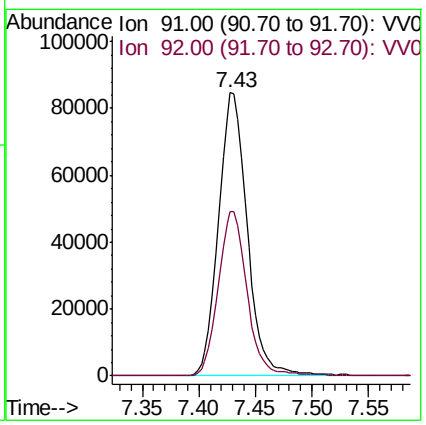


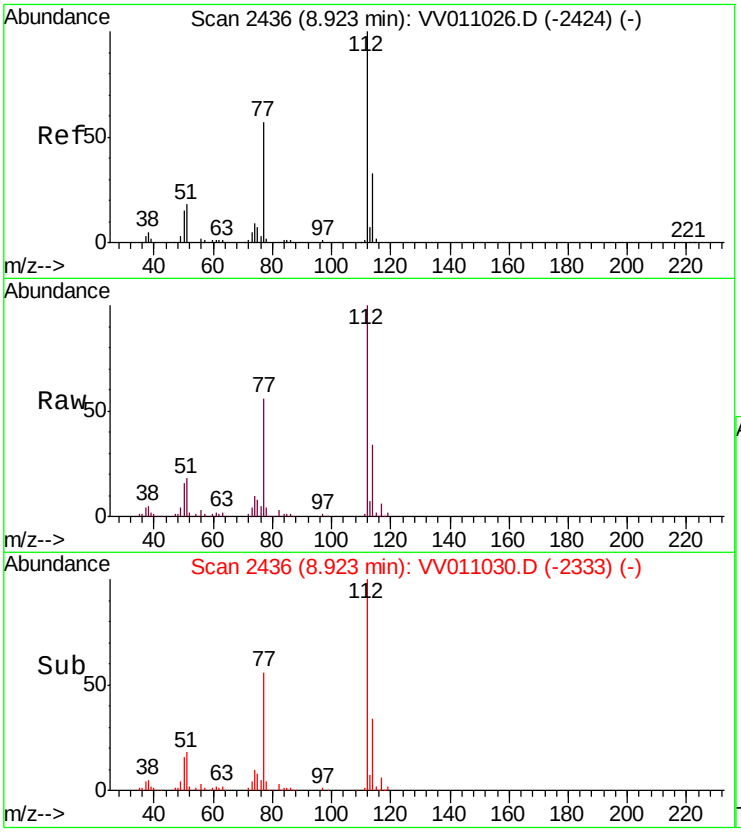


#44
Toluene
Concen: 25.265 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV011030.D
Acq: 23 May 2019 16:38

Tgt Ion: 91 Resp: 150114

Ion	Ratio	Lower	Upper
91	100		
92	58.3	40.0	74.4



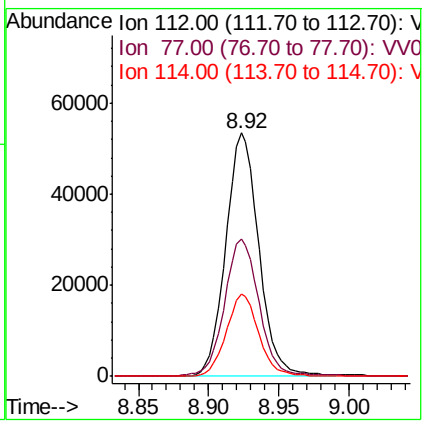


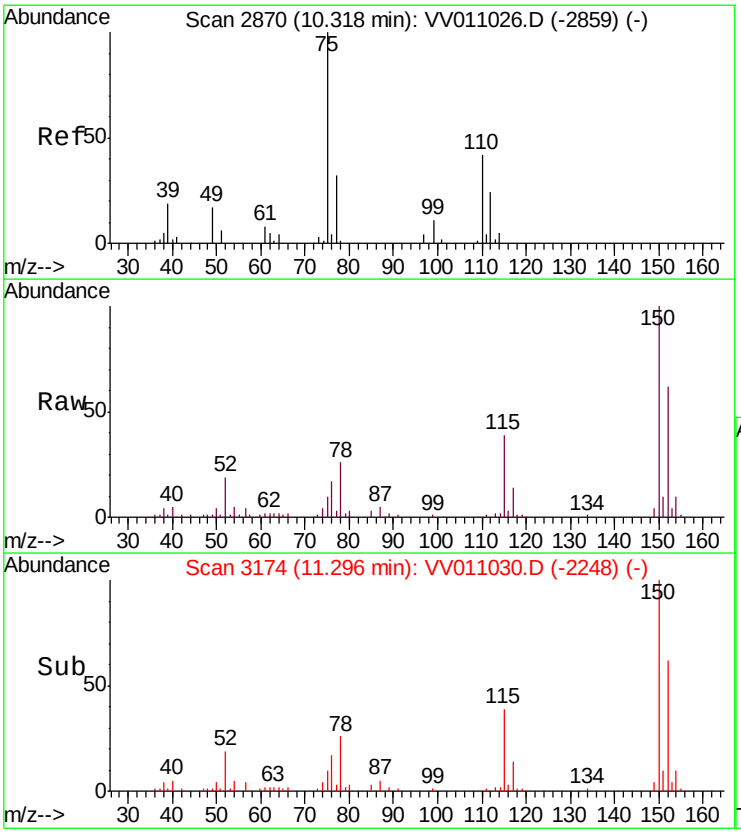
#52
Chlorobenzene
Concen: 21.535 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV011030.D
Acq: 23 May 2019 16:38

Instrument :
MSVOA_V
ClientSampleId :
A51C9

Tgt Ion:112 Resp: 87702

Ion	Ratio	Lower	Upper
112	100		
77	56.4	43.0	64.4
114	33.7	22.0	40.8





#59
1,2,3-Trichloropropane
Concen: 3.326 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV011030.D
Acq: 23 May 2019 16:38

Tgt Ion: 75 Resp: 3857

Ion	Ratio	Lower	Upper
75	100		
77	41.0	25.4	38.2#