Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\

Quantitation Report (Not Reviewed)

Data File : VV011069.D
Acq On : 28 May 2019 17:59
Operator : SY/MD
Sample : K3016-12MSD
Misc : 4.77G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C9MSD

Quant Time: May 29 02:19:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 02:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	459051	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	395368	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	135122	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	151726	24.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.44%			
7) Chloroethane-d5	1.56	69	110536	24.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.44%			
10) 1,1-Dichloroethene-d2	2.12	63	291603	24.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.64%			
20) 2-Butanone-d5	3.94	46	112410	51.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.64%			
24) Chloroform-d	4.40	84	270484	24.30	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	5.08	65	169161	23.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.08%			
29) Benzene-d6	5.09	84	611896	26.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.72%			
33) 1,2-Dichloropropane-d6	6.12	67	194143	26.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.44%			
37) Toluene-d8	7.36	98	549744	25.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.04%			
38) trans-1,3-Dichloropropene-	7.66	79	85506	24.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.68%			
39) 2-Hexanone-d5	8.13	63	94161	58.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.36%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	148806	23.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.00%			
61) 1,2-Dichlorobenzene-d4	11.67	152	119817	22.42	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.68%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	113541	24.636	ug/L	94
13) Acetone	2.19	43	152575	62.089	ug/L	99
15) Methyl Acetate	2.46	43	27628	7.789	ug/L #	100
21) 2-Butanone	4.03	43	10120	3.344	ug/L	98
25) Chloroform	4.42	83	18766	1.450	ug/L	79
34) Benzene	5.14	78	623932	26.097	ug/L	100
35) Trichloroethene	5.96	95	153602	24.599	ug/L	98
36) Methylcyclohexane	6.12	83	43505	4.038	ug/L #	15
44) Toluene	7.43	91	660167	25.396	ug/L	97
52) Chlorobenzene	8.92	112	373454	23.182	ug/L	100

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

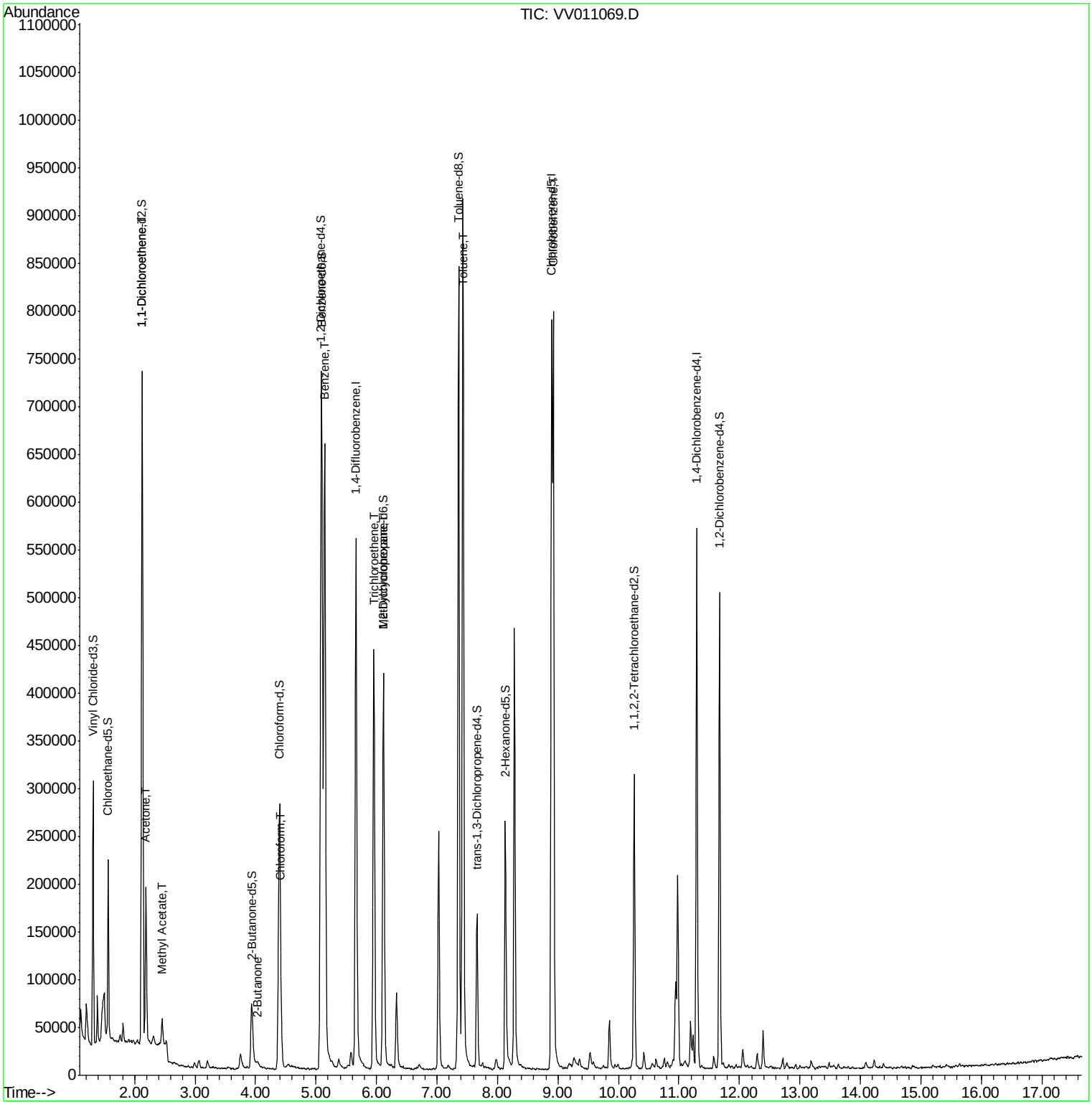
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\

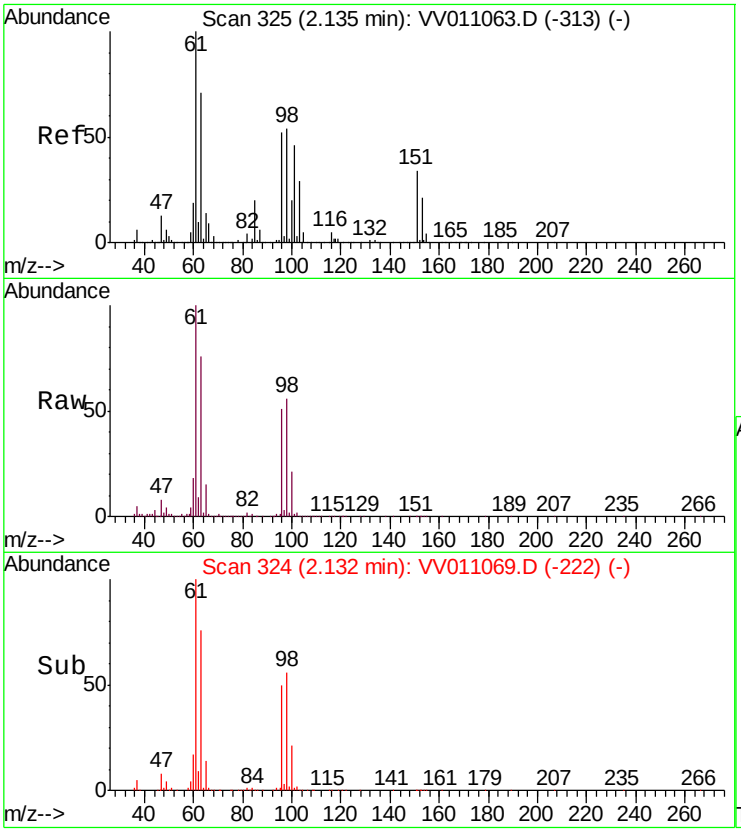
Quantitation Report (Not Reviewed)

Data File : VV011069.D
Acq On : 28 May 2019 17:59
Operator : SY/MD
Sample : K3016-12MSD
Misc : 4.77G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C9MSD

Quant Time: May 29 02:19:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 02:15:20 2019
Response via : Initial Calibration



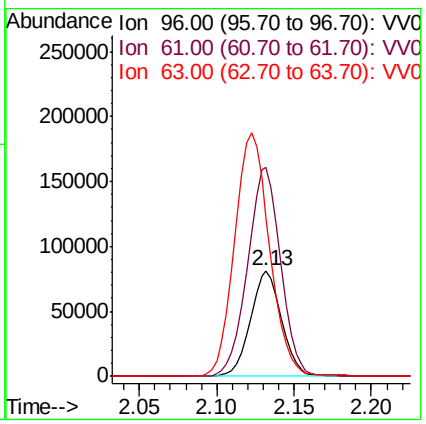


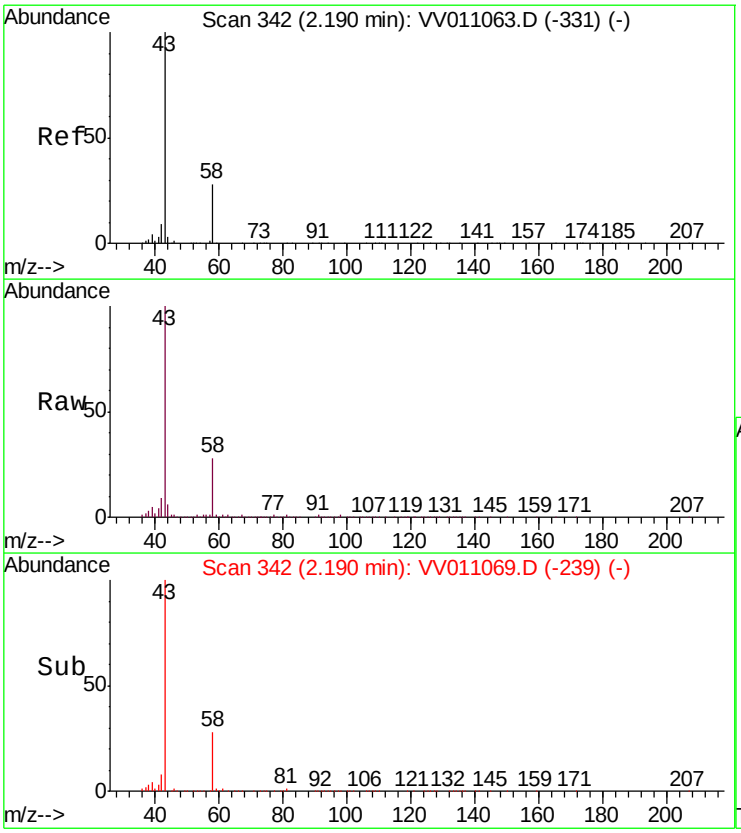
#12
1,1-Dichloroethene
Concen: 24.636 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV011069.D
Acq: 28 May 2019 17:59

Instrument :
MSVOA_V
ClientSampleId :
A51C9MSD

Tgt Ion: 96 Resp: 113541

Ion	Ratio	Lower	Upper
96	100		
61	197.9	134.1	249.1
63	150.0	98.1	182.3

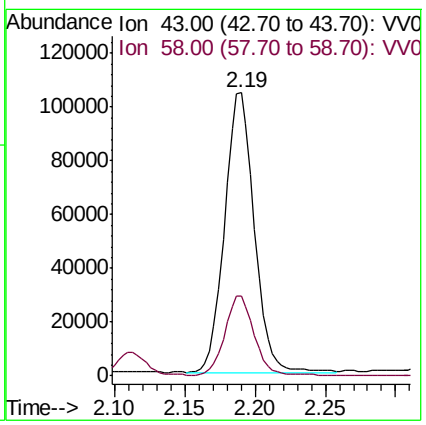


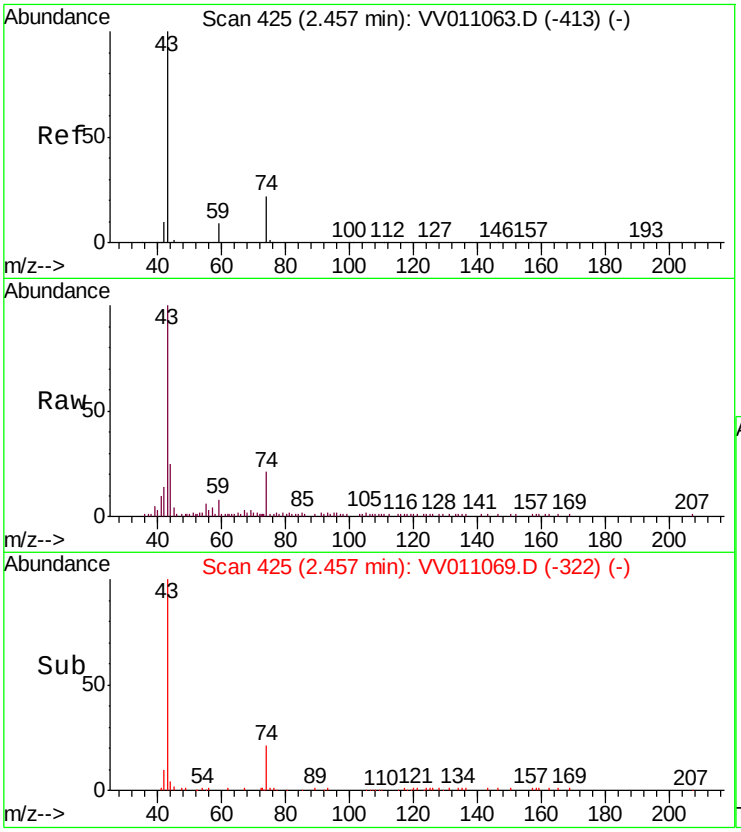


#13
Acetone
Concen: 62.089 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.00 min
Lab File: VV011069.D
Acq: 28 May 2019 17:59

Tgt Ion: 43 Resp: 152575

Ion	Ratio	Lower	Upper
43	100		
58	27.7	0.0	54.8



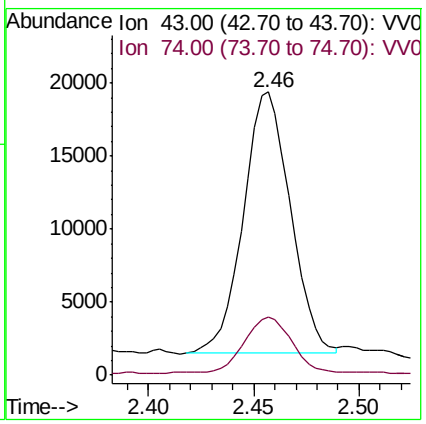


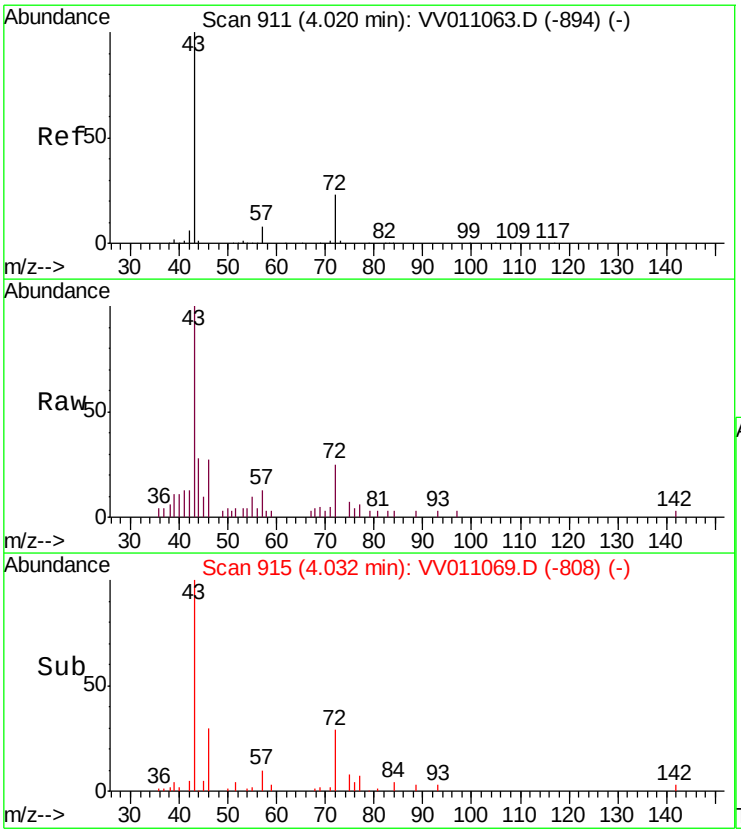
#15
Methyl Acetate
Concen: 7.789 ug/L
RT: 2.46 min Scan# 425
Delta R.T. -0.00 min
Lab File: VV011069.D
Acq: 28 May 2019 17:59

Instrument :
MSVOA_V
ClientSampleId :
A51C9MSD

Tgt Ion: 43 Resp: 27628

Ion	Ratio	Lower	Upper
43	100		
74	22.2	0.0	0.0#

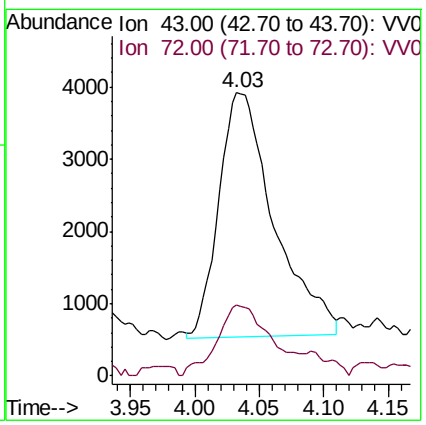


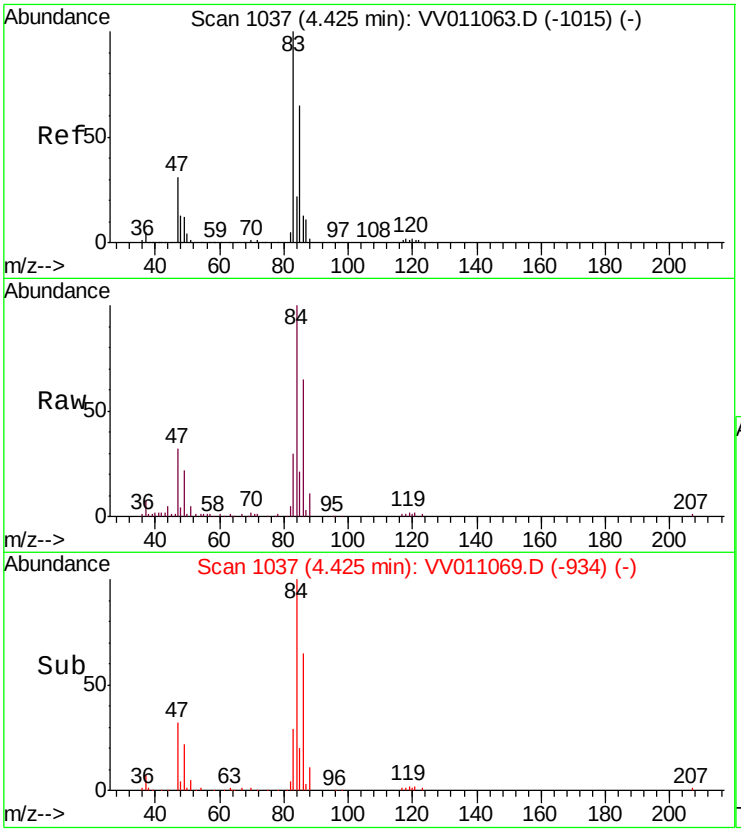


#21
2-Butanone
Concen: 3.344 ug/L
RT: 4.03 min Scan# 915
Delta R.T. 0.01 min
Lab File: VV011069.D
Acq: 28 May 2019 17:59

Tgt Ion: 43 Resp: 10120

Ion	Ratio	Lower	Upper
43	100		
72	22.1	10.7	31.9



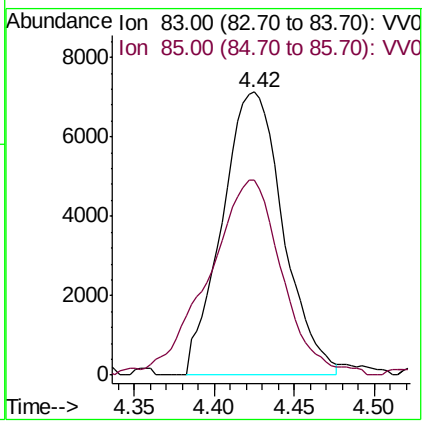


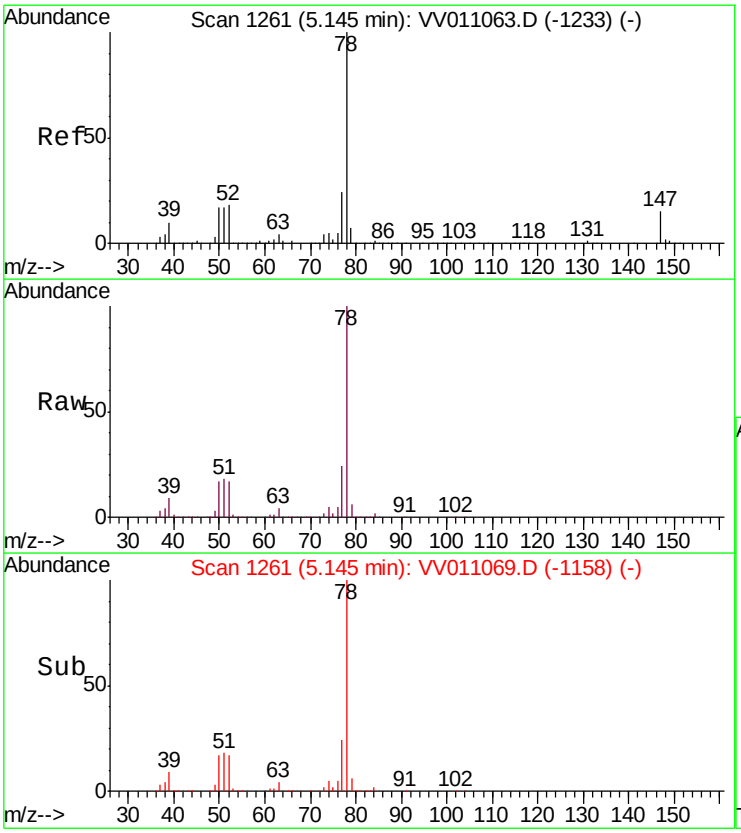
#25
Chloroform
Concen: 1.450 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011069.D
Acq: 28 May 2019 17:59

Instrument :
MSVOA_V
ClientSampleId :
A51C9MSD

Tgt Ion: 83 Resp: 18766

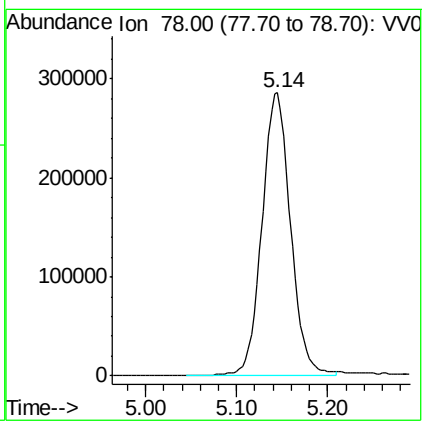
Ion	Ratio	Lower	Upper
83	100		
85	82.4	46.2	85.8

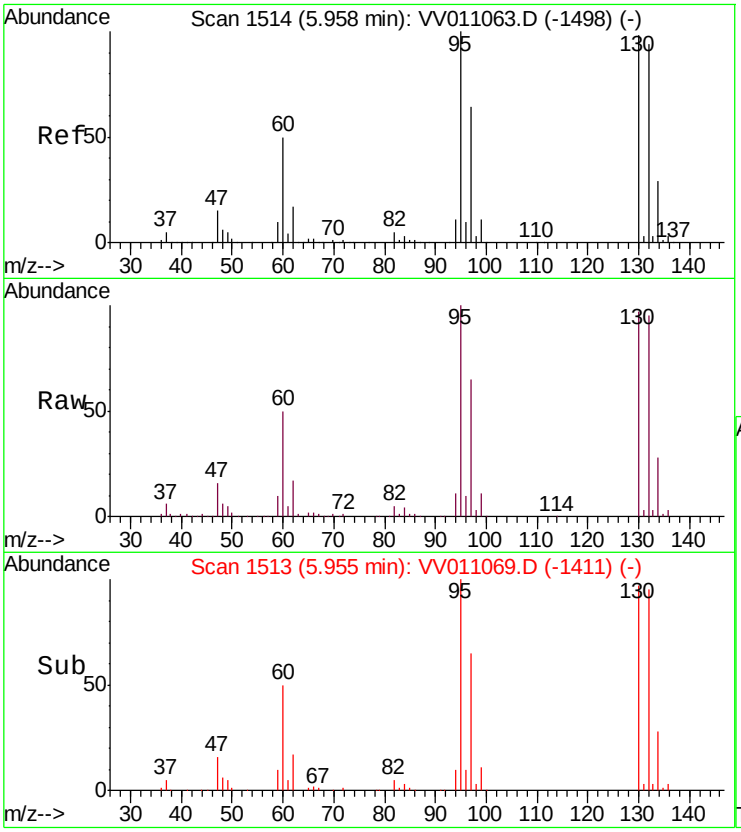




#34
Benzene
Concen: 26.097 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV011069.D
Acq: 28 May 2019 17:59

Tgt Ion: 78 Resp: 623932



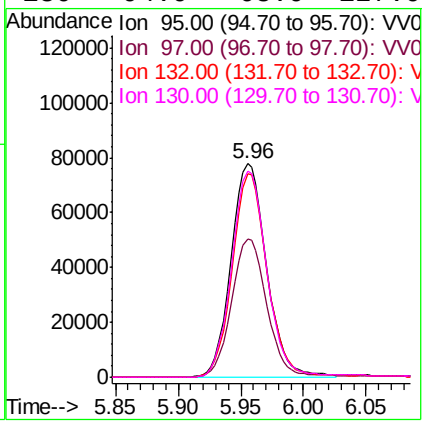


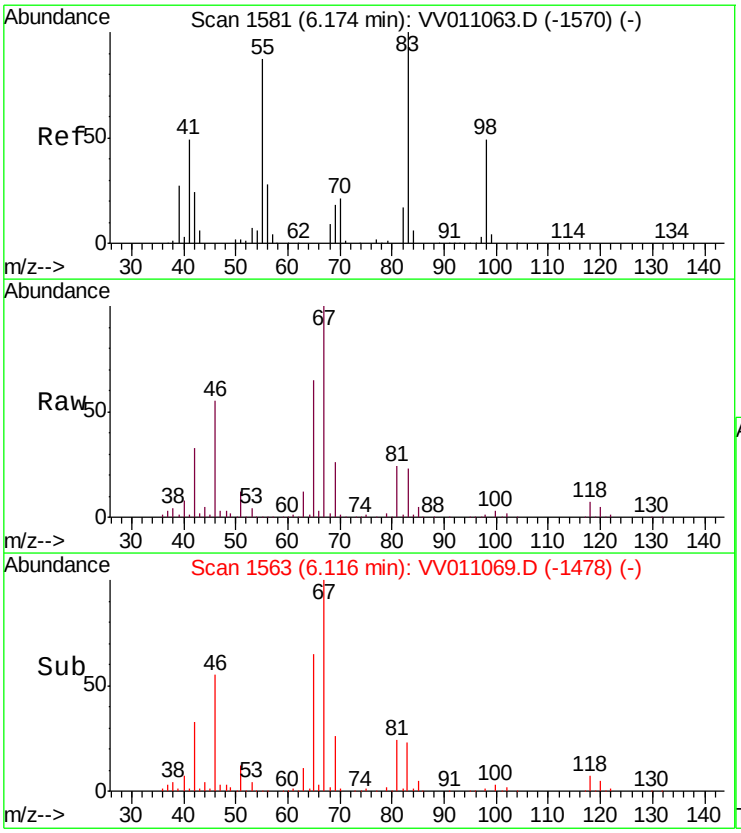
#35
Trichloroethene
Concen: 24.599 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011069.D
Acq: 28 May 2019 17:59

Instrument :
MSVOA_V
ClientSampleId :
A51C9MSD

Tgt Ion: 95 Resp: 153602

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.4	84.4
132	92.9	66.1	122.8
130	94.9	68.9	127.9

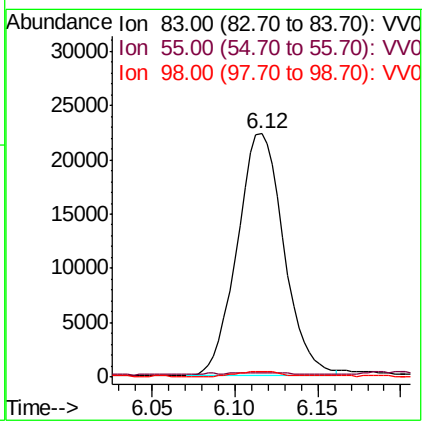


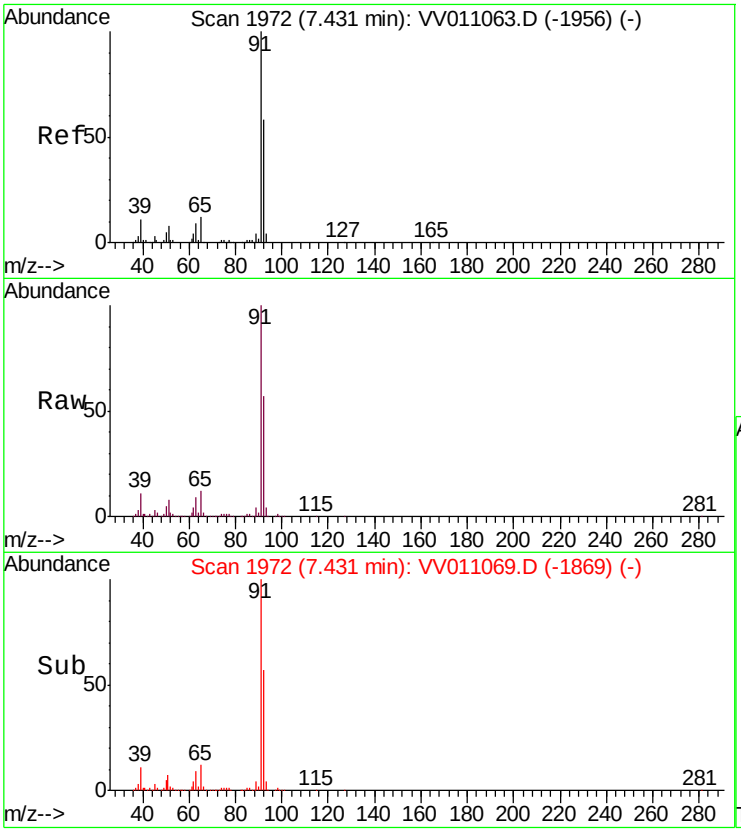


#36
Methylcyclohexane
Concen: 4.038 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011069.D
Acq: 28 May 2019 17:59

Tgt Ion: 83 Resp: 43505

Ion	Ratio	Lower	Upper
83	100		
55	0.6	69.9	104.9#
98	2.3	40.0	60.0#



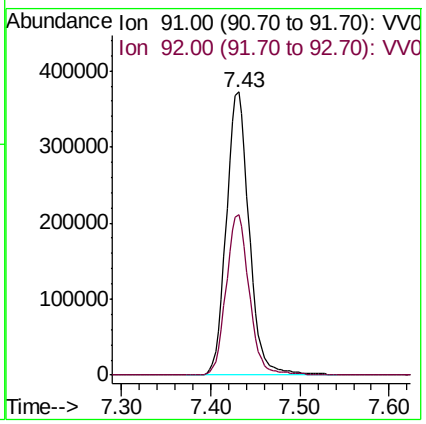


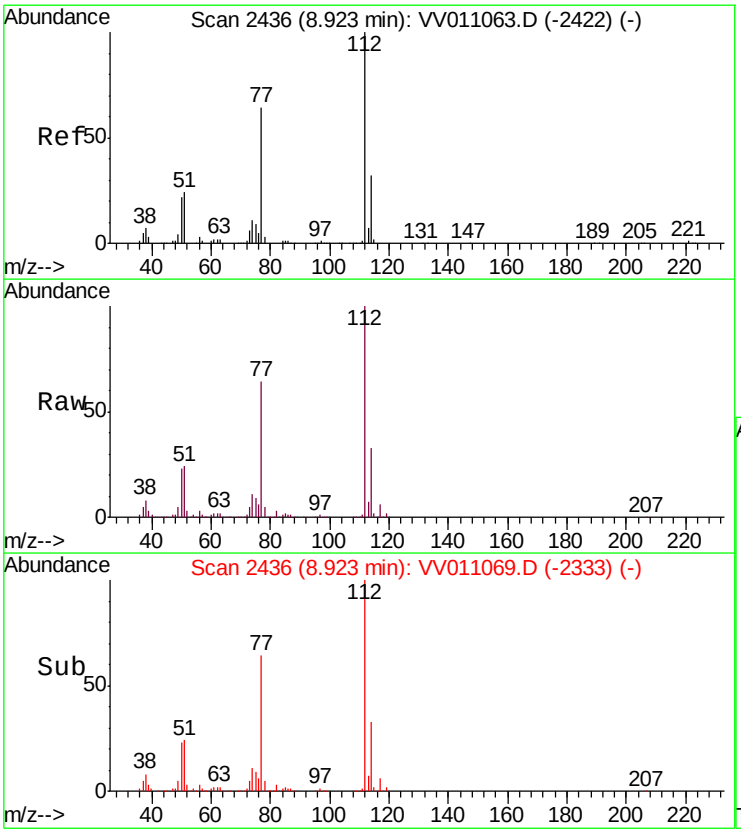
#44
Toluene
Concen: 25.396 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV011069.D
Acq: 28 May 2019 17:59

Instrument :
MSVOA_V
ClientSampleId :
A51C9MSD

Tgt Ion: 91 Resp: 660167

Ion	Ratio	Lower	Upper
91	100		
92	56.6	41.0	76.2





#52
Chlorobenzene
Concen: 23.182 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV011069.D
Acq: 28 May 2019 17:59

Tgt Ion:112 Resp: 373454

Ion	Ratio	Lower	Upper
112	100		
77	63.8	50.8	76.2
114	32.7	22.7	42.1