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

Quantitation Report (Not Reviewed)

Data File : VV011029.D
Acq On : 23 May 2019 16:10
Operator : SY/MD
Sample : K3016-11MS
Misc : 5.60G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C9

Quant Time: May 24 08:19:17 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	98747	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	92962	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	30950	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	26200	23.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.08%			
7) Chloroethane-d5	1.55	69	17553	23.03	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.12%			
10) 1,1-Dichloroethene-d2	2.12	63	51887	23.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.88%			
20) 2-Butanone-d5	3.93	46	32819	84.49	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 168.98%#			
24) Chloroform-d	4.39	84	65725	25.69	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.76%			
26) 1,2-Dichloroethane-d4	5.07	65	41019	27.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.84%			
29) Benzene-d6	5.09	84	132705	26.15	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.60%			
33) 1,2-Dichloropropane-d6	6.11	67	45980	28.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 114.04%			
37) Toluene-d8	7.36	98	113115	23.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.92%			
38) trans-1,3-Dichloropropene-	7.66	79	18341	27.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 110.80%			
39) 2-Hexanone-d5	8.13	63	25824	85.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 171.72%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50723	31.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 126.04%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	29159	23.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.80%			

Target Compounds						Qvalue
6) Bromomethane	1.51	94	338	0.731	ug/L	76
12) 1,1-Dichloroethene	2.13	96	27867	26.743	ug/L	96
13) Acetone	2.19	43	34935	93.260	ug/L	97
15) Methyl Acetate	2.46	43	3745	5.203	ug/L	98
21) 2-Butanone	4.02	43	1128	2.200	ug/L	84
34) Benzene	5.14	78	161827	30.198	ug/L	100
35) Trichloroethene	5.96	95	39396	26.607	ug/L	97
40) 1,2-Dichloropropane	6.11	63	4888	3.471	ug/L #	86
42) cis-1,3-Dichloropropene	7.03	75	1142	0.545	ug/L #	50
44) Toluene	7.43	91	166423	27.985	ug/L	100
52) Chlorobenzene	8.92	112	100704	24.705	ug/L	98
59) 1,2,3-Trichloropropane	11.29	75	4267	3.676	ug/L	94

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

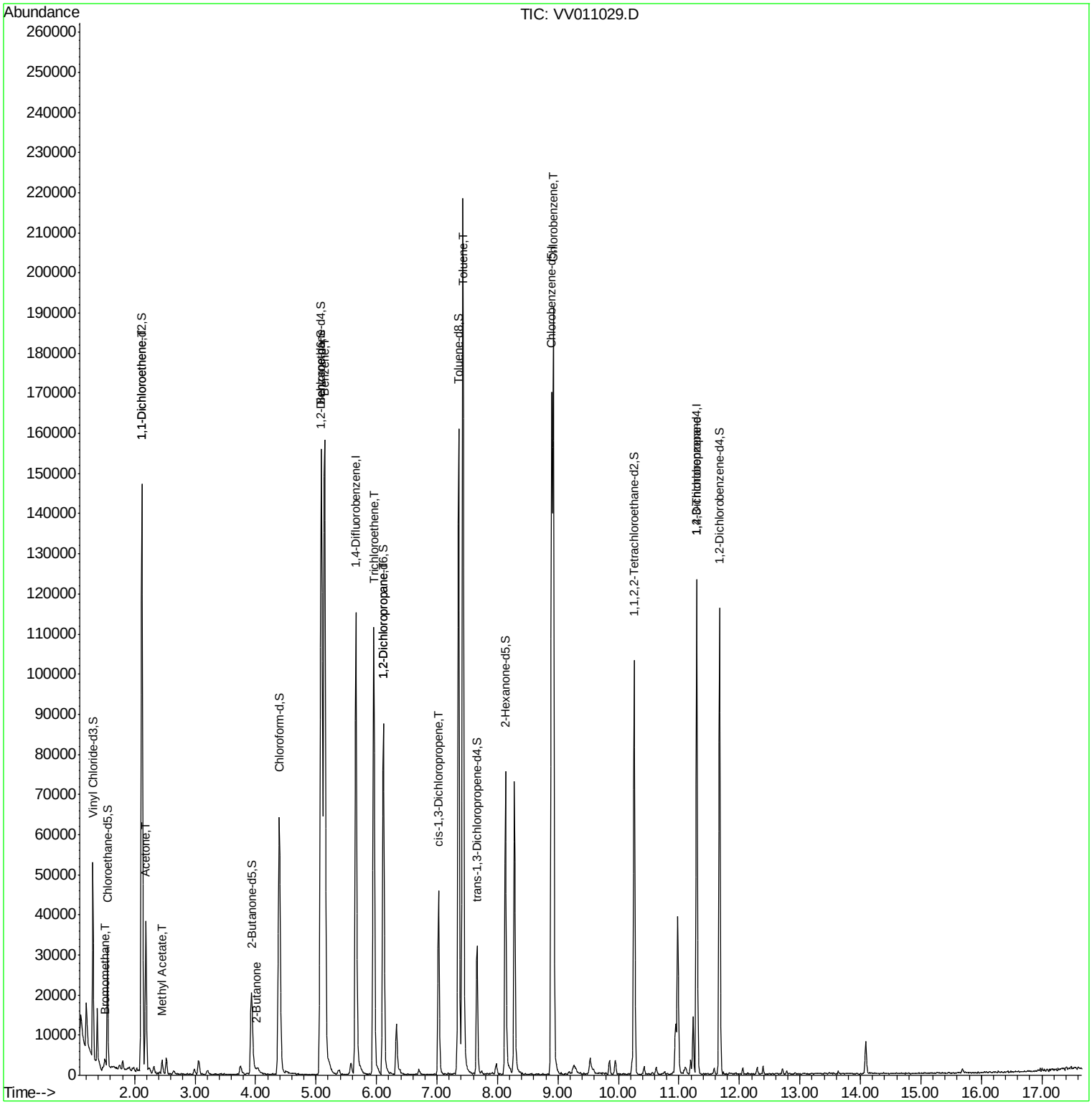
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\

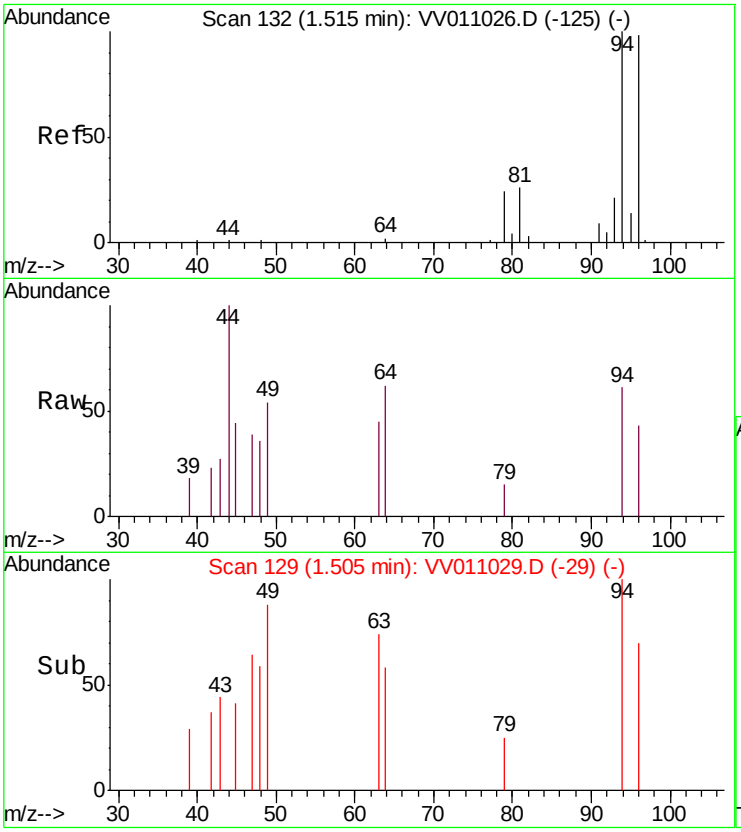
Quantitation Report (Not Reviewed)

Data File : VV011029.D
Acq On : 23 May 2019 16:10
Operator : SY/MD
Sample : K3016-11MS
Misc : 5.60G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C9

Quant Time: May 24 08:19:17 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



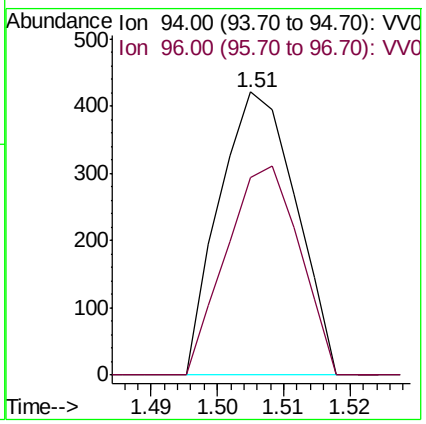


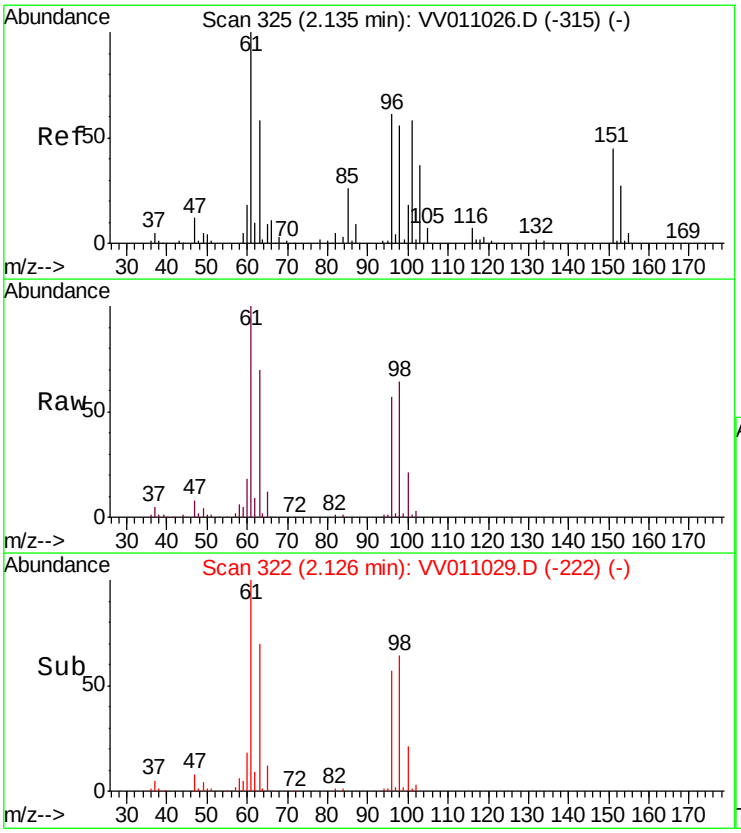
#6
Bromomethane
Concen: 0.731 ug/L
RT: 1.51 min Scan# 129
Delta R.T. -0.01 min
Lab File: VV011029.D
Acq: 23 May 2019 16:10

Instrument :
MSVOA_V
ClientSampleId :
A51C9

Tgt Ion: 94 Resp: 338

Ion	Ratio	Lower	Upper
94	100		
96	70.7	9.3	177.7

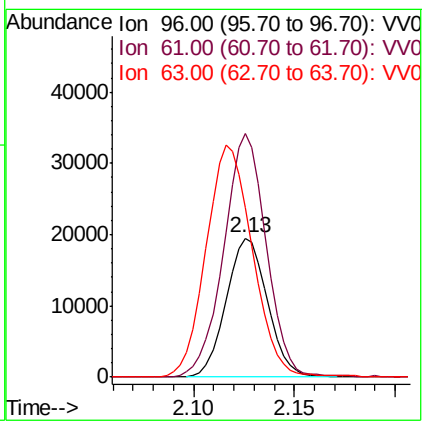


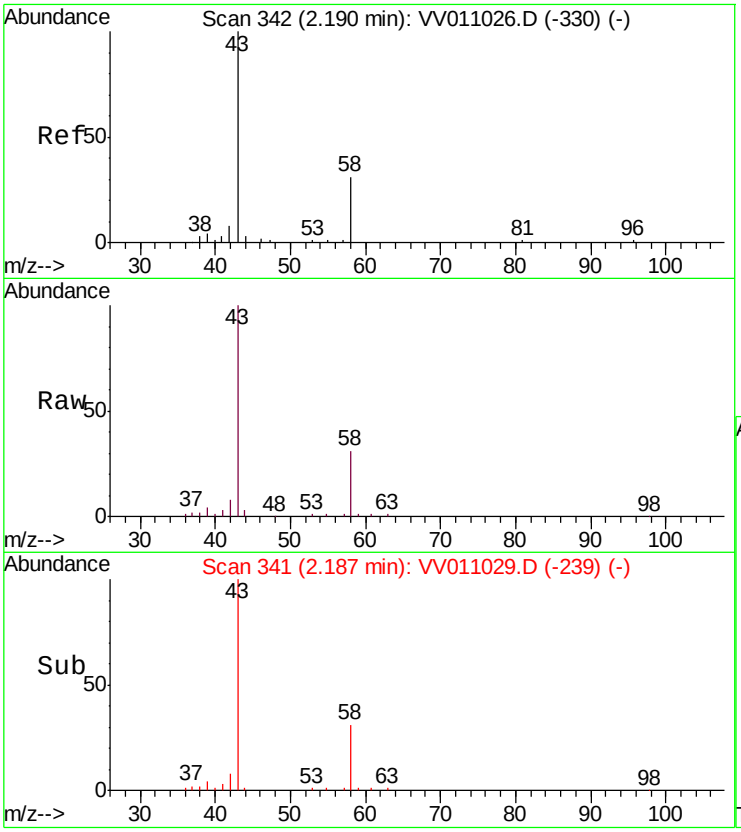


#12
1,1-Dichloroethene
Concen: 26.743 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV011029.D
Acq: 23 May 2019 16:10

Tgt Ion: 96 Resp: 27867

Ion	Ratio	Lower	Upper
96	100		
61	174.8	117.8	218.8
63	121.7	87.1	161.7



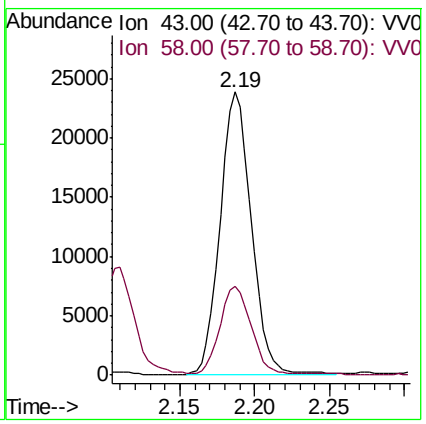


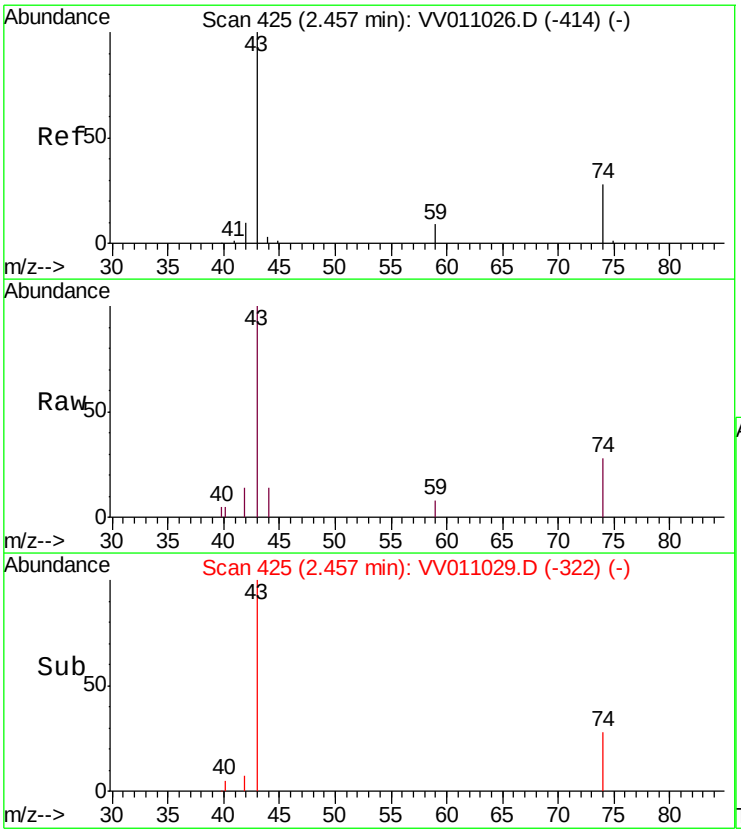
#13
Acetone
Concen: 93.260 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV011029.D
Acq: 23 May 2019 16:10

Instrument :
MSVOA_V
ClientSampleId :
A51C9

Tgt Ion: 43 Resp: 34935

Ion	Ratio	Lower	Upper
43	100		
58	32.0	0.0	60.8

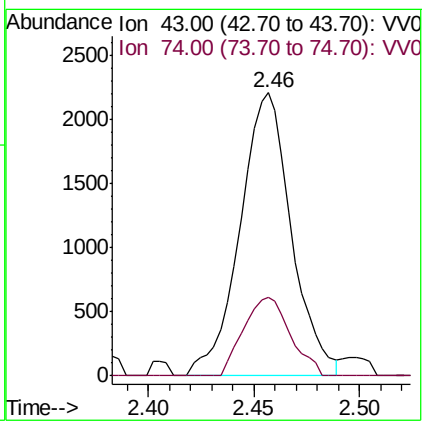


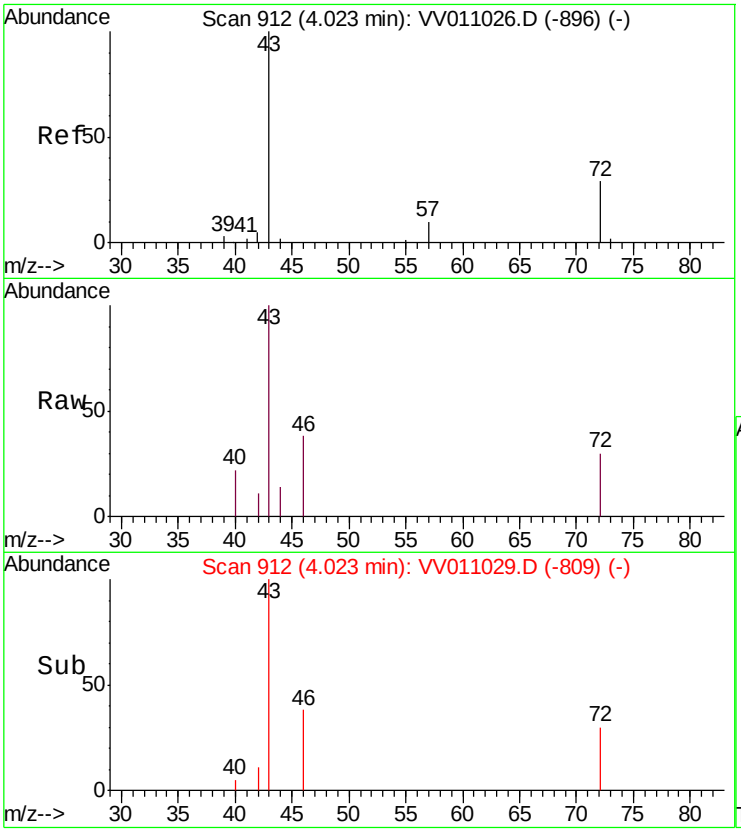


#15
Methyl Acetate
Concen: 5.203 ug/L
RT: 2.46 min Scan# 425
Delta R.T. -0.00 min
Lab File: VV011029.D
Acq: 23 May 2019 16:10

Tgt Ion: 43 Resp: 3745

Ion	Ratio	Lower	Upper
43	100		
74	25.3	21.1	31.7



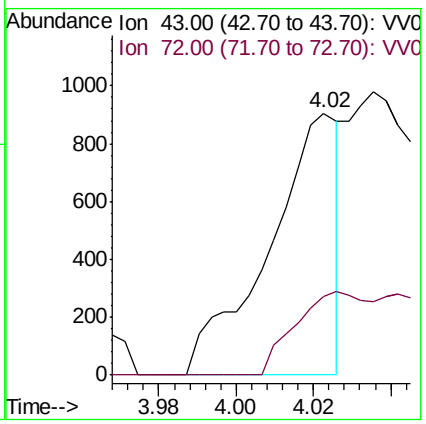


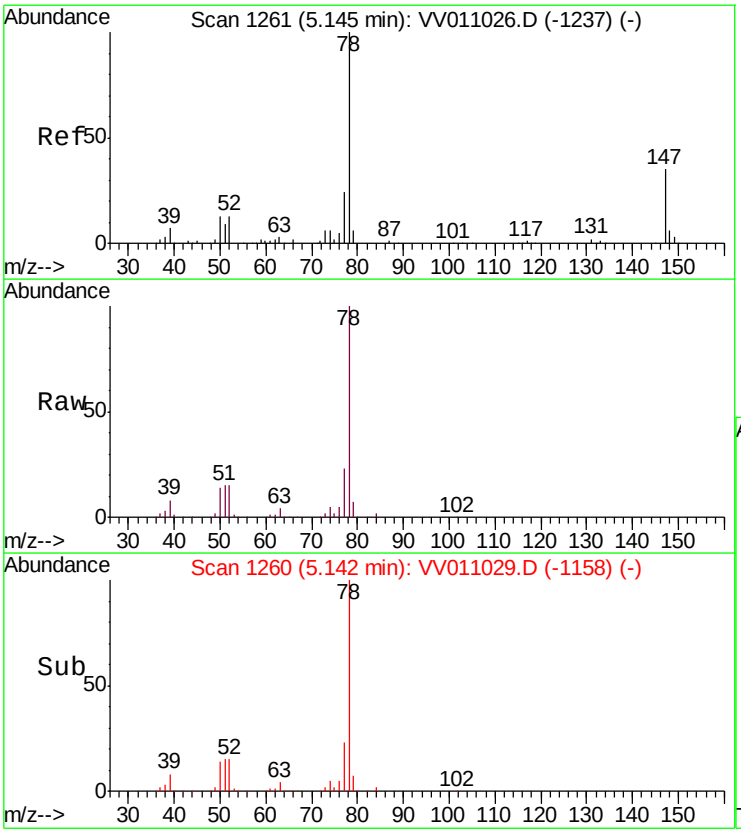
#21
2-Butanone
Concen: 2.200 ug/L
RT: 4.02 min Scan# 912
Delta R.T. -0.00 min
Lab File: VV011029.D
Acq: 23 May 2019 16:10

Instrument : MSVOA_V
ClientSampleId : A51C9

Tgt Ion: 43 Resp: 1128

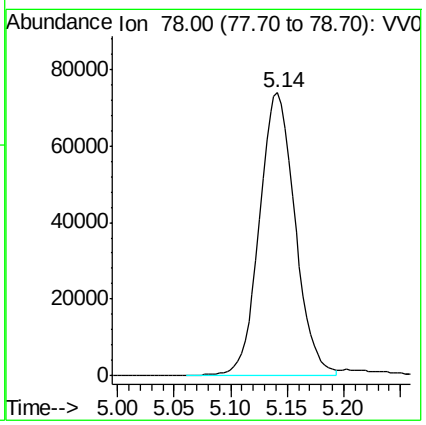
Ion	Ratio	Lower	Upper
43	100		
72	34.4	13.1	39.3

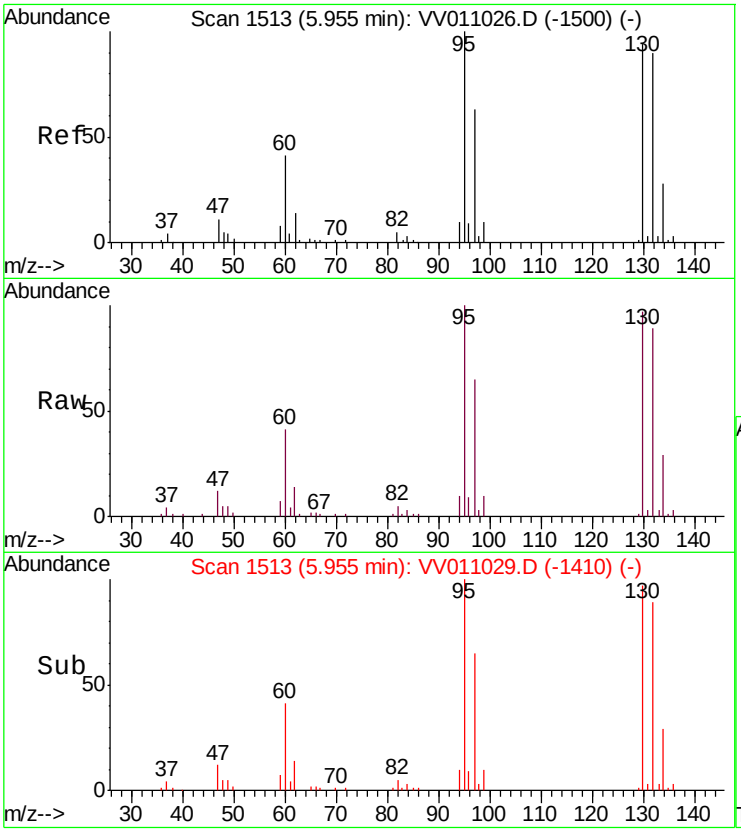




#34
Benzene
Concen: 30.198 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VV011029.D
Acq: 23 May 2019 16:10

Tgt Ion: 78 Resp: 161827



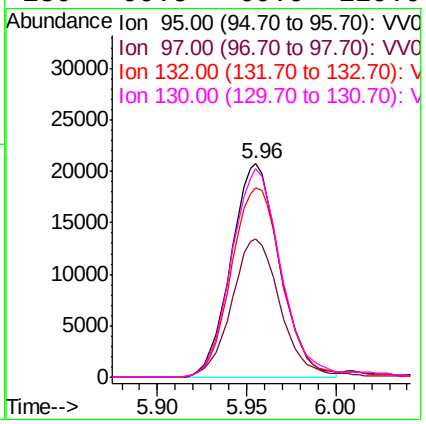


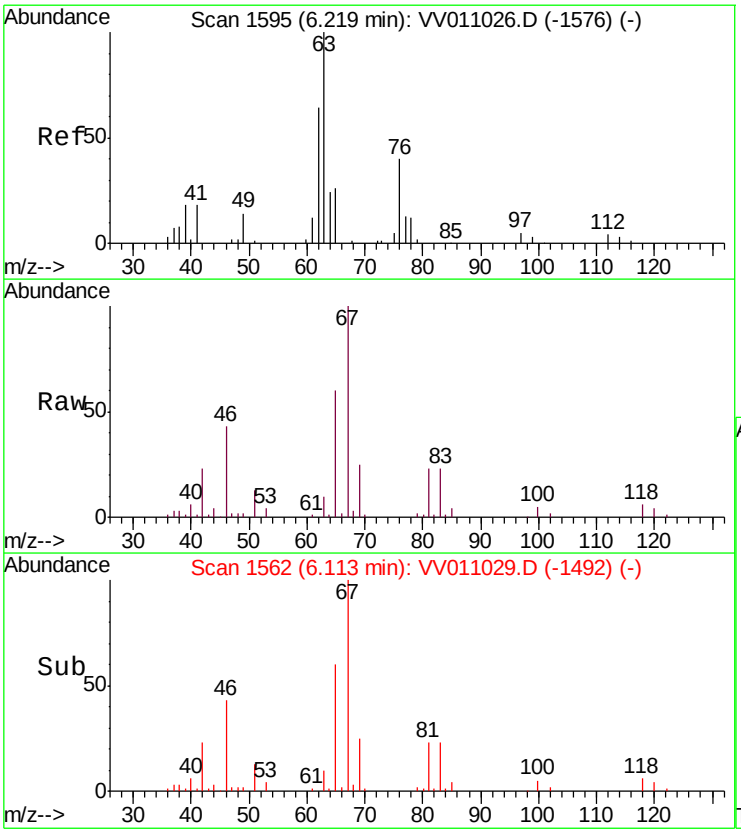
#35
Trichloroethene
Concen: 26.607 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011029.D
Acq: 23 May 2019 16:10

Instrument : MSVOA_V
ClientSampleId : A51C9

Tgt Ion: 95 Resp: 39396

Ion	Ratio	Lower	Upper
95	100		
97	64.2	43.4	80.6
132	92.6	68.8	127.8
130	99.5	69.9	129.9

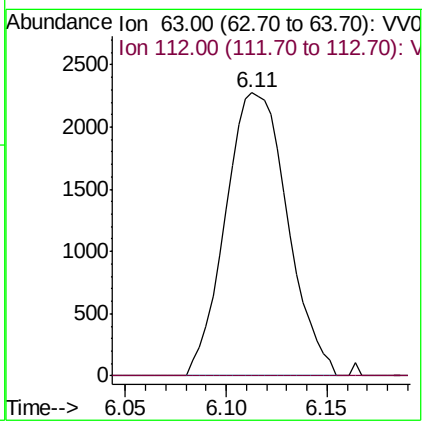


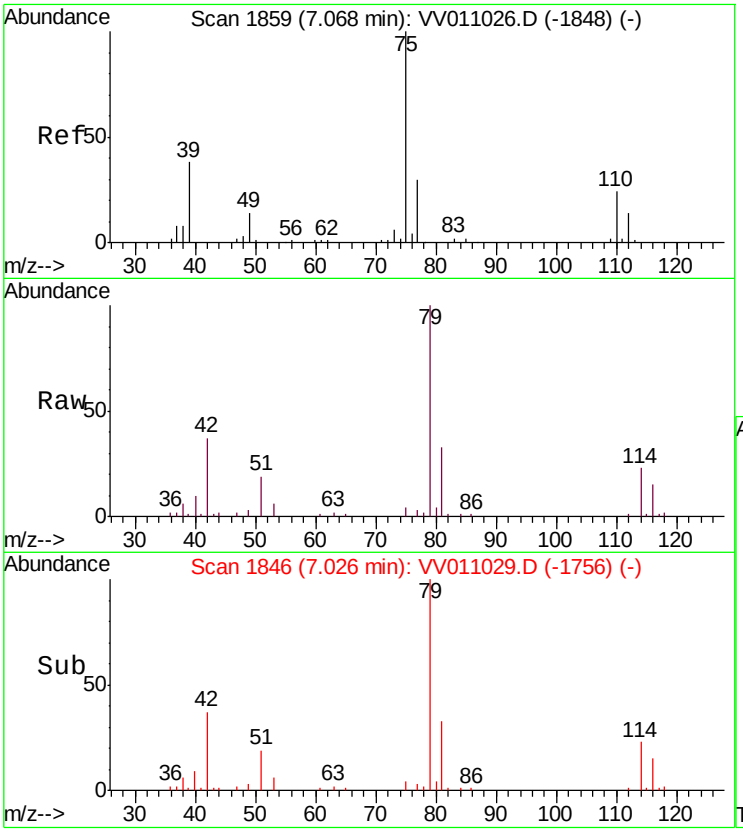


#40
1,2-Dichloropropane
Concen: 3.471 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011029.D
Acq: 23 May 2019 16:10

Tgt Ion: 63 Resp: 4888

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



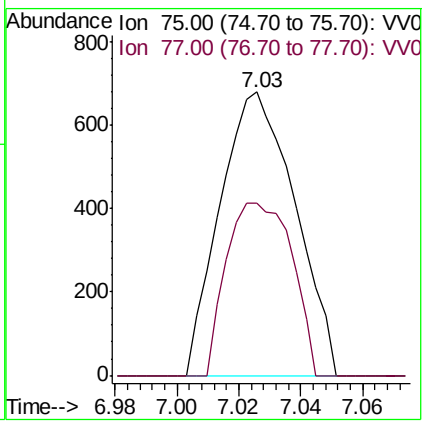


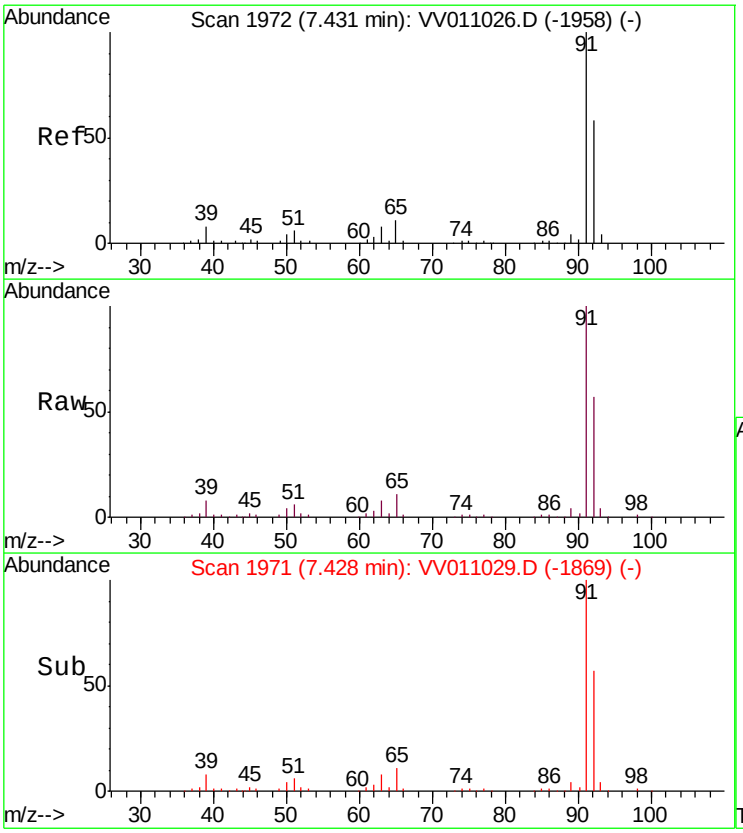
#42
cis-1,3-Dichloropropene
Concen: 0.545 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV011029.D
Acq: 23 May 2019 16:10

Instrument : MSVOA_V
ClientSampleId : A51C9

Tgt Ion: 75 Resp: 1142

Ion	Ratio	Lower	Upper
75	100		
77	61.0	22.9	42.5#

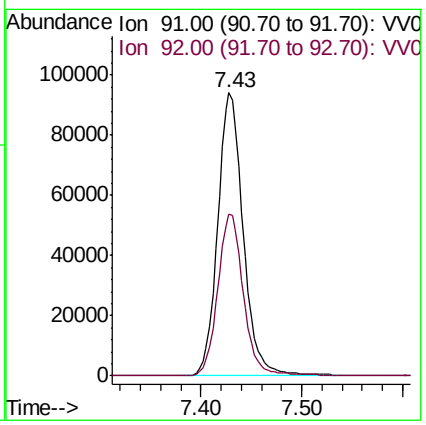


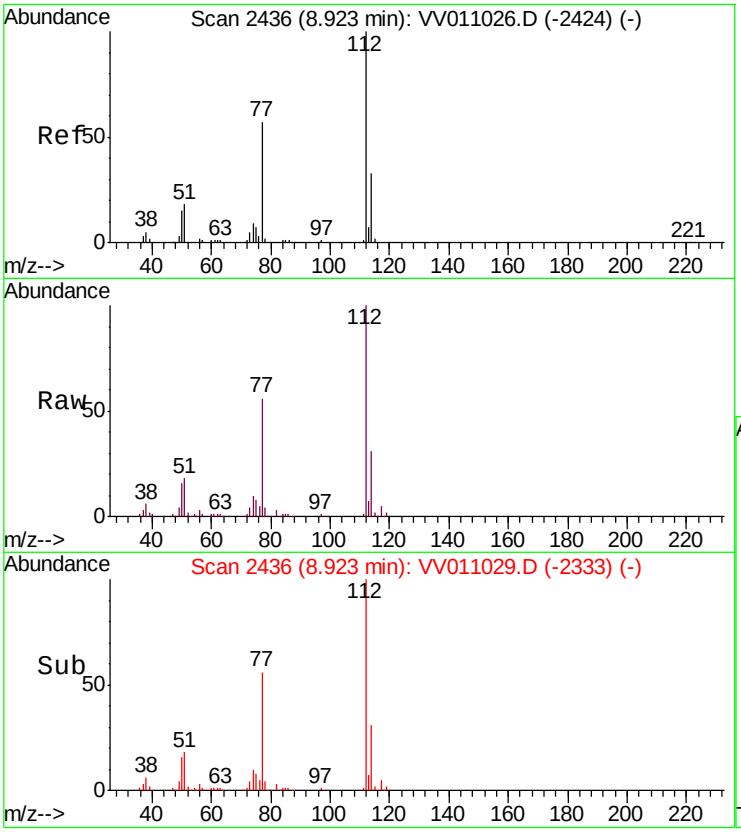


#44
Toluene
Concen: 27.985 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV011029.D
Acq: 23 May 2019 16:10

Tgt Ion: 91 Resp: 166423

Ion	Ratio	Lower	Upper
91	100		
92	57.1	40.0	74.4



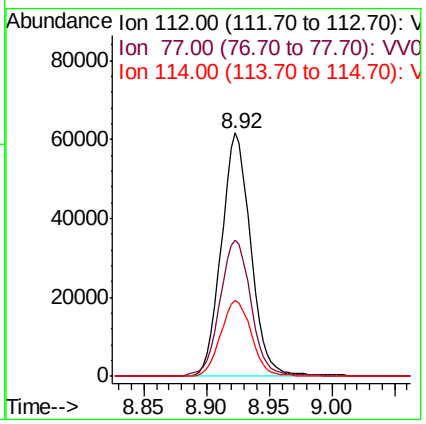


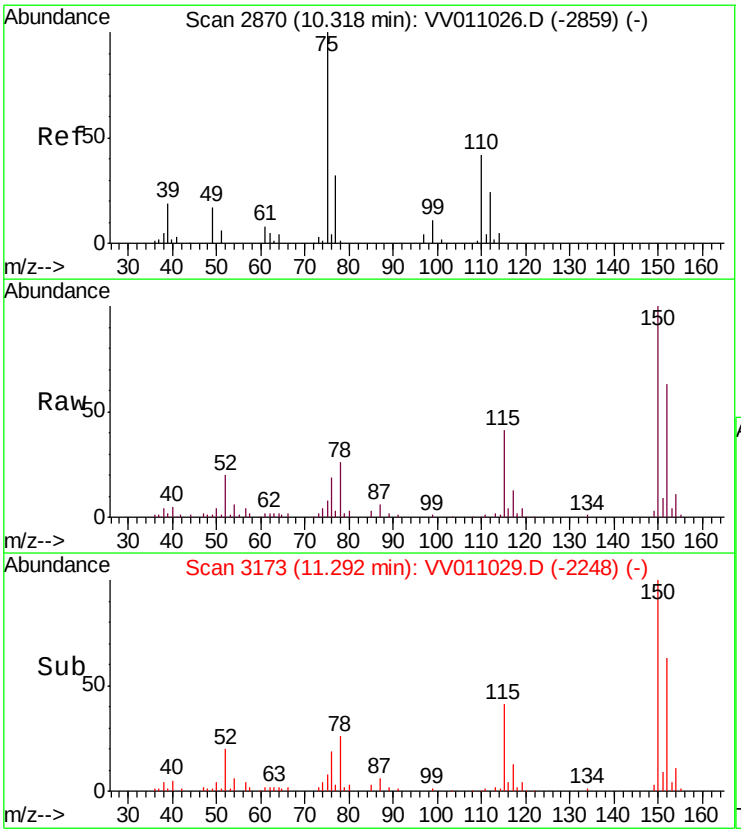
#52
Chlorobenzene
Concen: 24.705 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV011029.D
Acq: 23 May 2019 16:10

Instrument : MSVOA_V
ClientSampleId : A51C9

Tgt Ion:112 Resp: 100704

Ion	Ratio	Lower	Upper
112	100		
77	56.0	43.0	64.4
114	31.0	22.0	40.8





#59
1,2,3-Trichloropropane
Concen: 3.676 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV011029.D
Acq: 23 May 2019 16:10

Tgt Ion: 75 Resp: 4267

Ion	Ratio	Lower	Upper
75	100		
77	35.1	25.4	38.2