Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050919\

Quantitation Report (Not Reviewed)

Data File : VV010820.D
Acq On : 10 May 2019 18:18
Operator : SY/MD
Sample : K2692-25MSD
Misc : 5.99G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5186MSD

Quant Time: May 10 23:04:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	76428	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	79006	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34395	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	23032	19.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.60%			
7) Chloroethane-d5	1.56	69	22630	23.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.64%			
10) 1,1-Dichloroethene-d2	2.12	63	55959	21.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.92%			
20) 2-Butanone-d5	3.93	46	22902	64.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.56%			
24) Chloroform-d	4.40	84	51785	24.85	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	5.08	65	35551	27.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.28%			
29) Benzene-d6	5.09	84	93120	22.39	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.56%			
33) 1,2-Dichloropropane-d6	6.12	67	31976	24.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.52%			
37) Toluene-d8	7.36	98	81559	20.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.92%			
38) trans-1,3-Dichloropropene-	7.66	79	14057	23.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.08%			
39) 2-Hexanone-d5	8.13	63	17979	64.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.68%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	35210	28.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.08%			
61) 1,2-Dichlorobenzene-d4	11.67	152	33132	24.87	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.48%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	30069	24.991	ug/L	97
13) Acetone	2.19	43	2890	5.240	ug/L	98
34) Benzene	5.14	78	110663	23.860	ug/L	100
35) Trichloroethene	5.96	95	28447	21.897	ug/L	97
42) cis-1,3-Dichloropropene	7.03	75	1247	0.639	ug/L	88
44) Toluene	7.43	91	121435	23.053	ug/L	98
52) Chlorobenzene	8.92	112	80721	23.456	ug/L	99
59) 1,2,3-Trichloropropane	11.29	75	4935	4.762	ug/L #	88

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

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Quantitation Report (Not Reviewed)

Data File : VV010820.D
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Operator : SY/MD
Sample : K2692-25MSD
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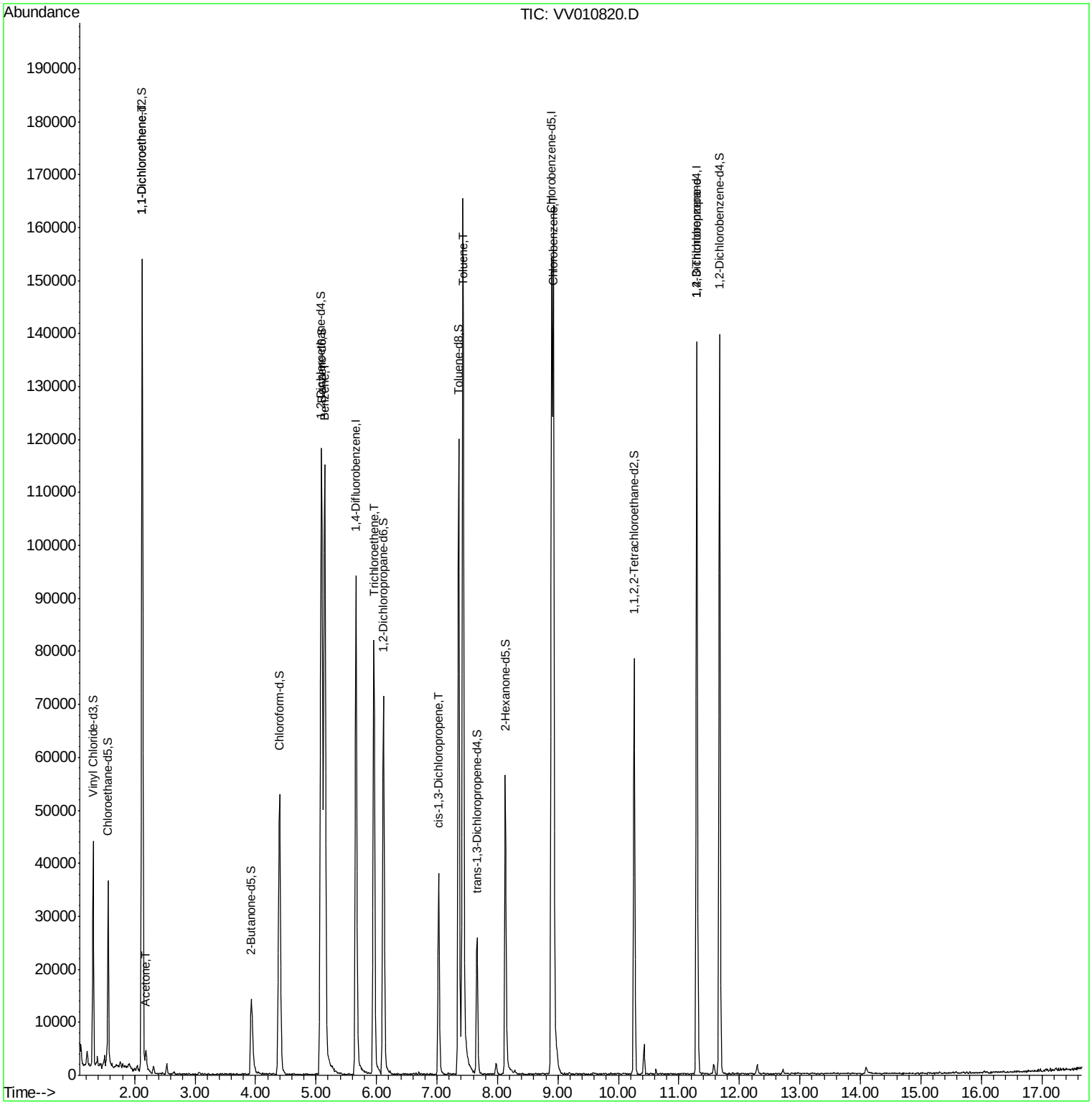
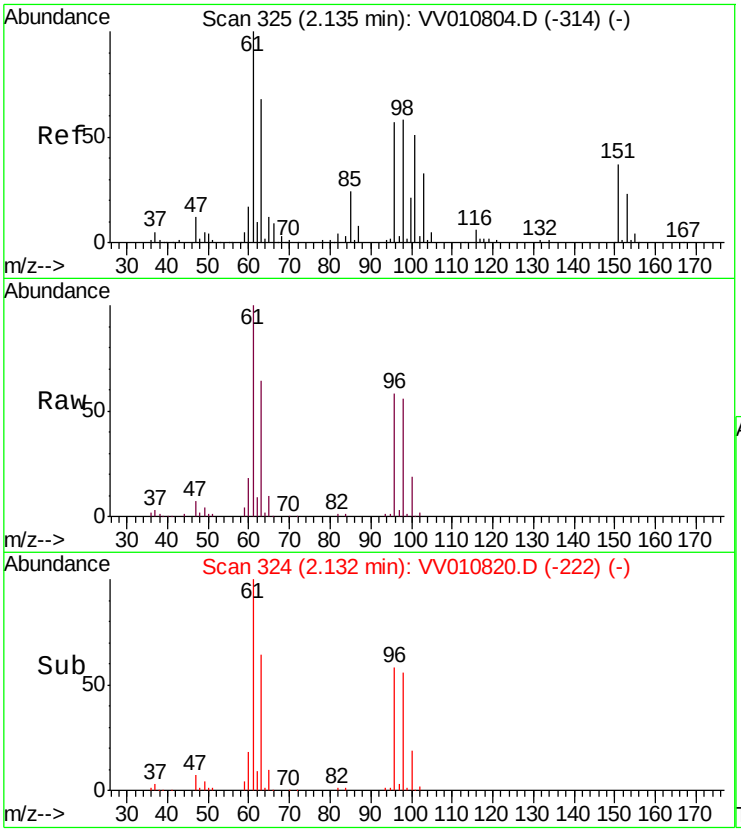
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5186MSD

Quant Time: May 10 23:04:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration



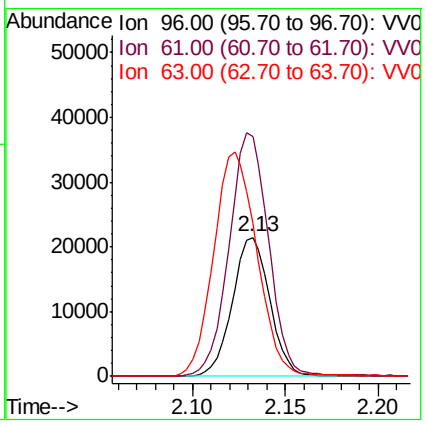


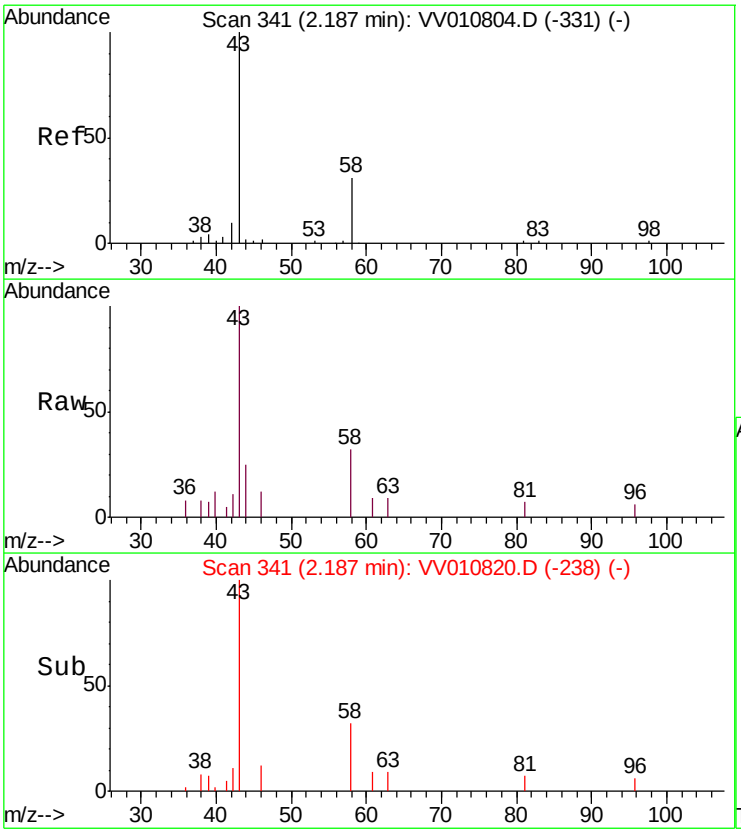
#12
1,1-Dichloroethene
Concen: 24.991 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV010820.D
Acq: 10 May 2019 18:18

Instrument :
MSVOA_V
ClientSampleId :
A5186MSD

Tgt Ion: 96 Resp: 30069

Ion	Ratio	Lower	Upper
96	100		
61	172.0	120.3	223.3
63	109.4	82.9	153.9

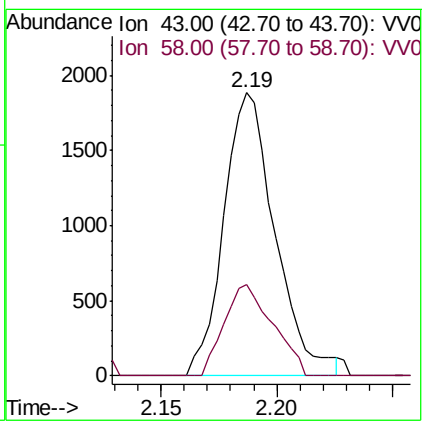


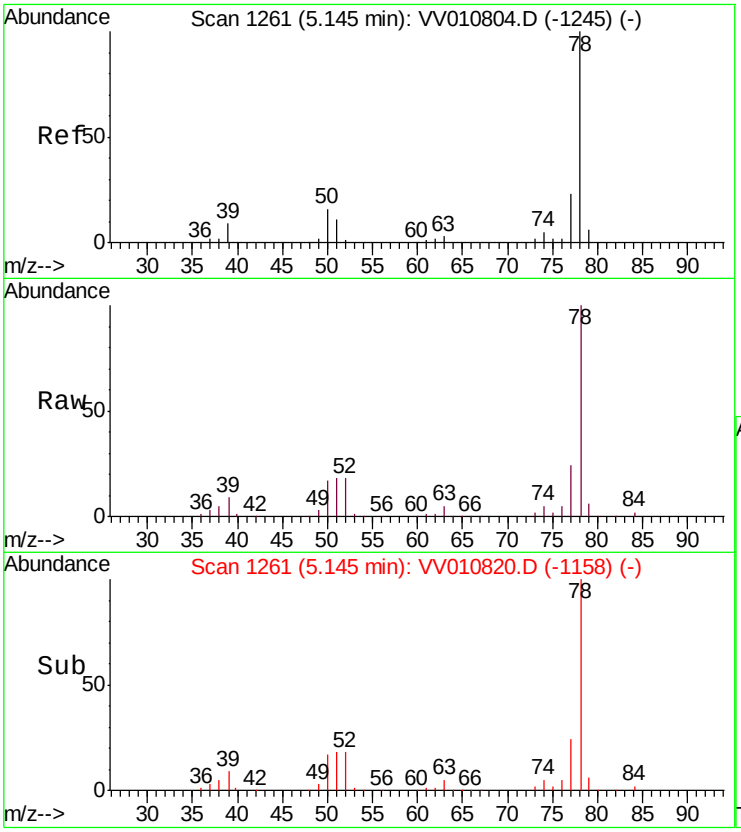


#13
Acetone
Concen: 5.240 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010820.D
Acq: 10 May 2019 18:18

Tgt Ion: 43 Resp: 2890

Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	63.4

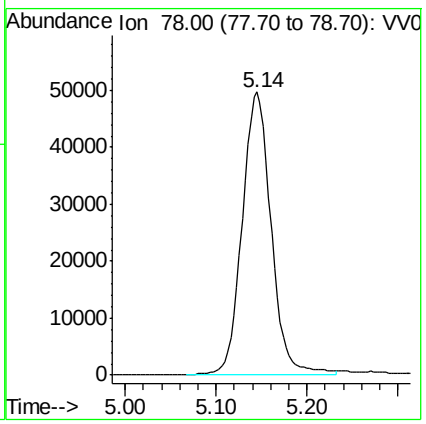


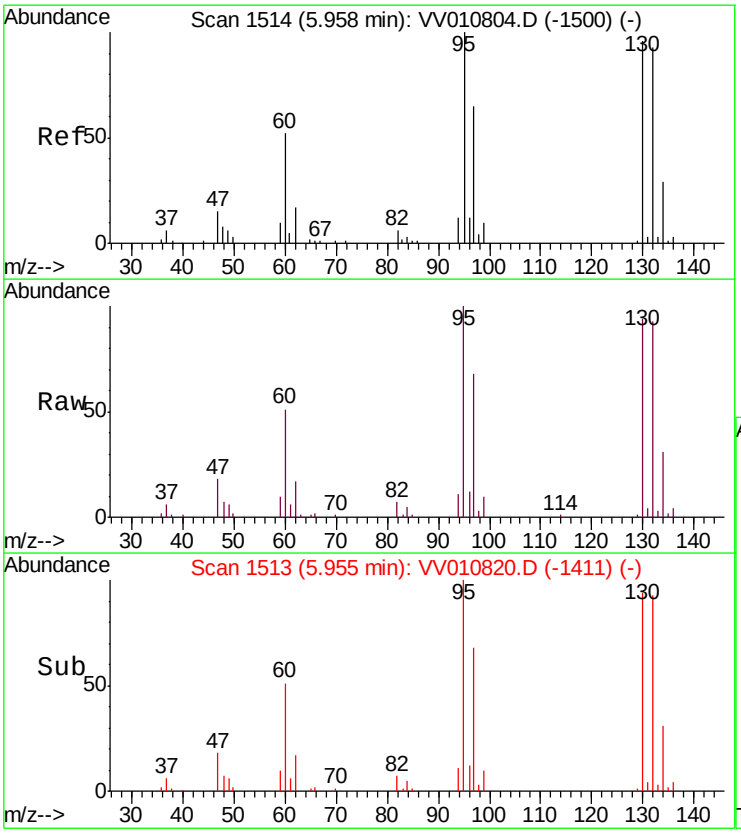


#34
Benzene
Concen: 23.860 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV010820.D
Acq: 10 May 2019 18:18

Instrument :
MSVOA_V
ClientSampleId :
A5186MSD

Tgt Ion: 78 Resp: 110663

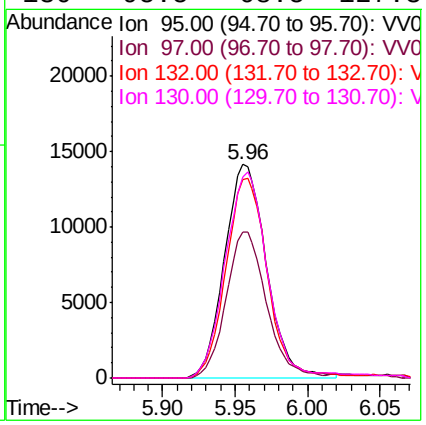


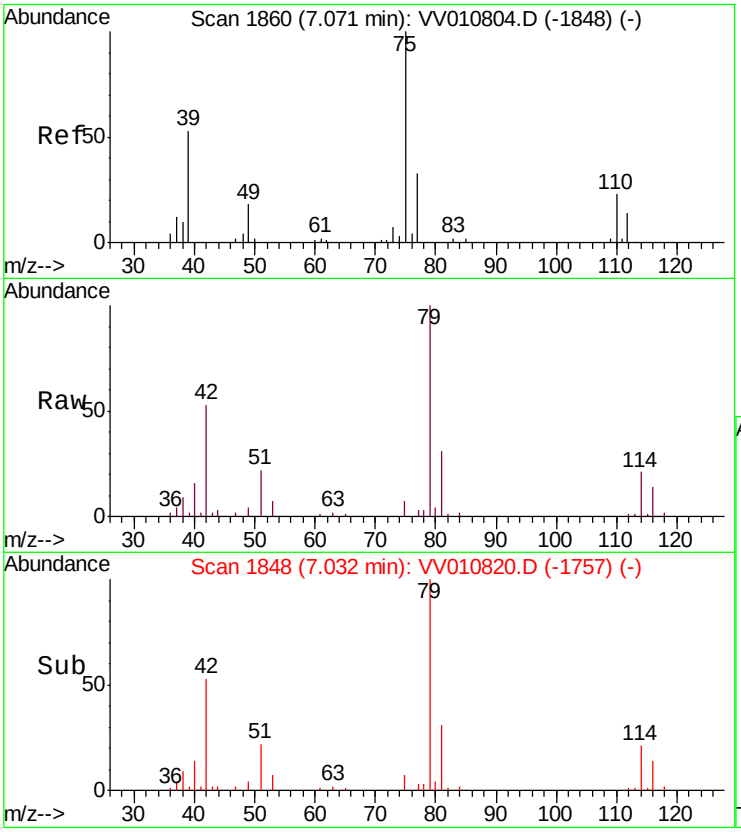


#35
Trichloroethene
Concen: 21.897 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV010820.D
Acq: 10 May 2019 18:18

Tgt Ion: 95 Resp: 28447

Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.3	82.3
132	92.5	62.4	115.8
130	95.5	68.5	127.3



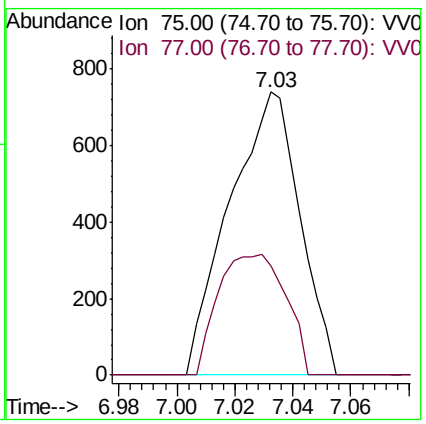


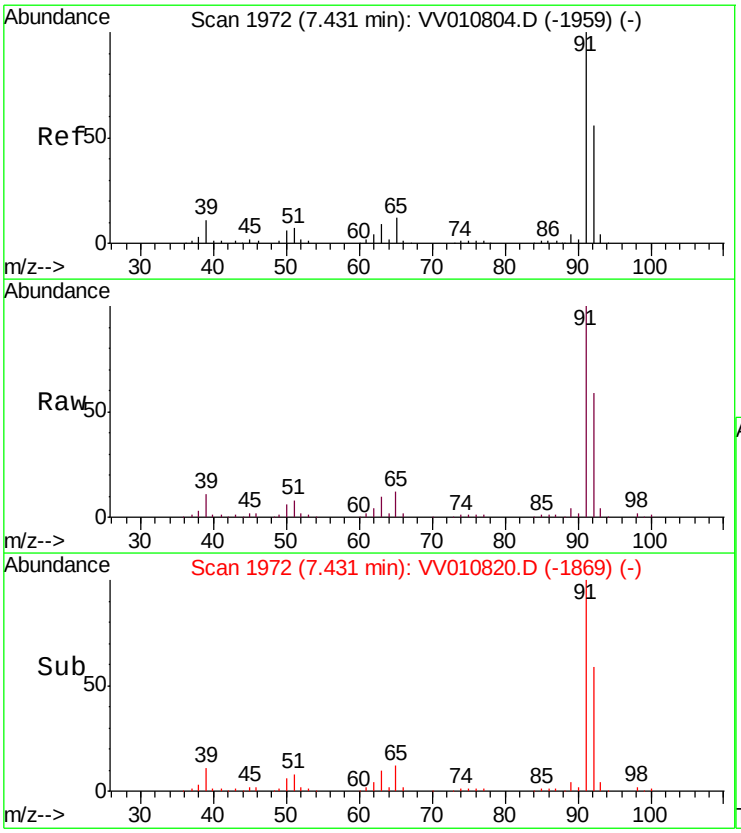
#42
cis-1,3-Dichloropropene
Concen: 0.639 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010820.D
Acq: 10 May 2019 18:18

Instrument : MSVOA_V
ClientSampleId : A5186MSD

Tgt Ion: 75 Resp: 1247

Ion	Ratio	Lower	Upper
75	100		
77	38.7	22.3	41.3

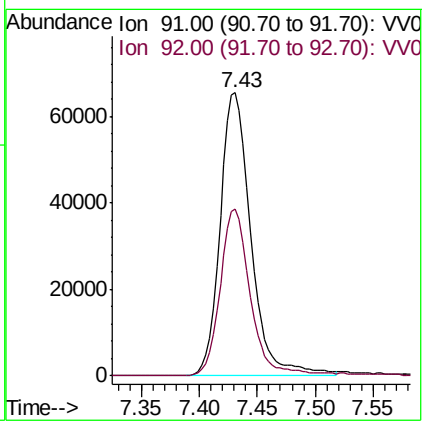


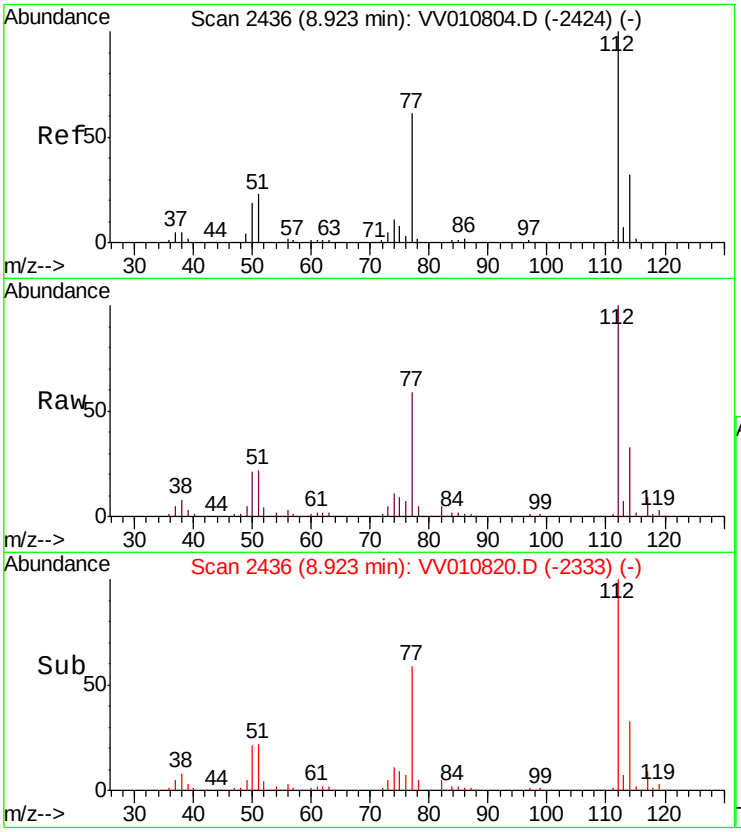


#44
Toluene
Concen: 23.053 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV010820.D
Acq: 10 May 2019 18:18

Tgt Ion: 91 Resp: 121435

Ion	Ratio	Lower	Upper
91	100		
92	59.0	40.1	74.5



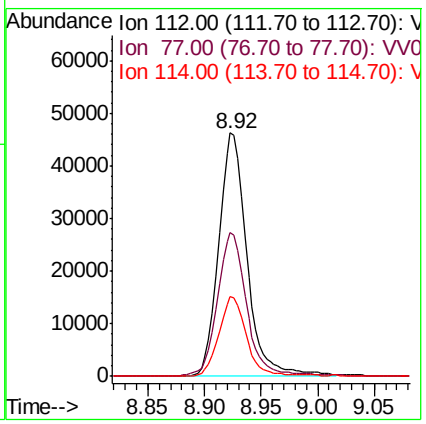


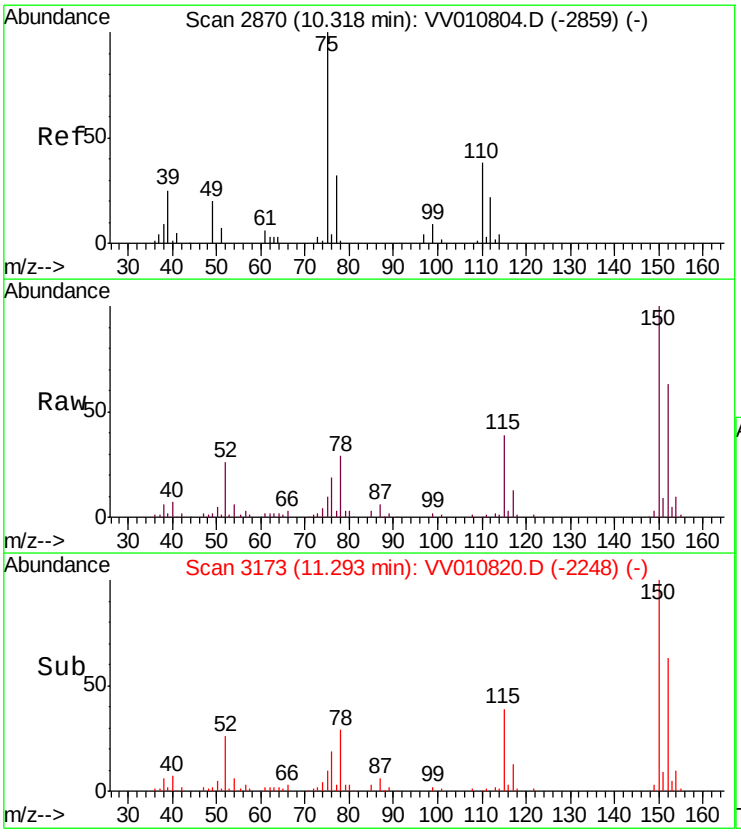
#52
Chlorobenzene
Concen: 23.456 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV010820.D
Acq: 10 May 2019 18:18

Instrument : MSVOA_V
ClientSampleId : A5186MSD

Tgt Ion:112 Resp: 80721

Ion	Ratio	Lower	Upper
112	100		
77	59.0	47.7	71.5
114	32.7	22.1	41.1





#59
1,2,3-Trichloropropane
Concen: 4.762 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010820.D
Acq: 10 May 2019 18:18

Tgt Ion: 75 Resp: 4935

Ion	Ratio	Lower	Upper
75	100		
77	37.9	25.0	37.6#