Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100219\

Quantitation Report (Not Reviewed)

Data File : VV013024.D
Acq On : 02 Oct 2019 10:00
Operator : SY/MD
Sample : VV1002SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK68

Quant Time: Oct 03 03:58:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 03 03:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	710565	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	714116	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	342707	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	231189	22.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.96%			
7) Chloroethane-d5	1.58	69	208808	24.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.13	63	313645	17.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.68%			
21) 2-Butanone-d5	3.95	46	194614	54.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.44%			
24) Chloroform-d	4.40	84	444372	23.22	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.88%			
26) 1,2-Dichloroethane-d4	5.08	65	264258	24.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.08%			
32) Benzene-d6	5.09	84	925003	23.48	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.92%			
36) 1,2-Dichloropropane-d6	6.11	67	293938	23.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.20%			
41) Toluene-d8	7.36	98	834874	23.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.84%			
43) trans-1,3-Dichloropropene-	7.66	79	118875	22.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.76%			
47) 2-Hexanone-d5	8.13	63	125602	48.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.50%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	279676	24.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.88%			
66) 1,2-Dichlorobenzene-d4	11.67	152	338781	25.64	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.56%			

Target Compounds						Qvalue
13) Acetone	2.22	43	9616	2.542	ug/L	69
16) Methylene chloride	2.53	84	16674	1.433	ug/L	93
44) trans-1,3-Dichloropropene	7.66	75	4747	0.367	ug/L #	82
60) Isopropylbenzene	9.97	105	4177	0.101	ug/L #	79
61) 1,2,3-Trichloropropane	10.32	75	863	0.111	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.58	105	4339	0.130	ug/L	94
63) 1,2,4-Trimethylbenzene	10.96	105	4540	0.136	ug/L	95
71) Naphthalene	13.55	128	19540	0.665	ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100219\

Quantitation Report (Not Reviewed)

Data File : VV013024.D
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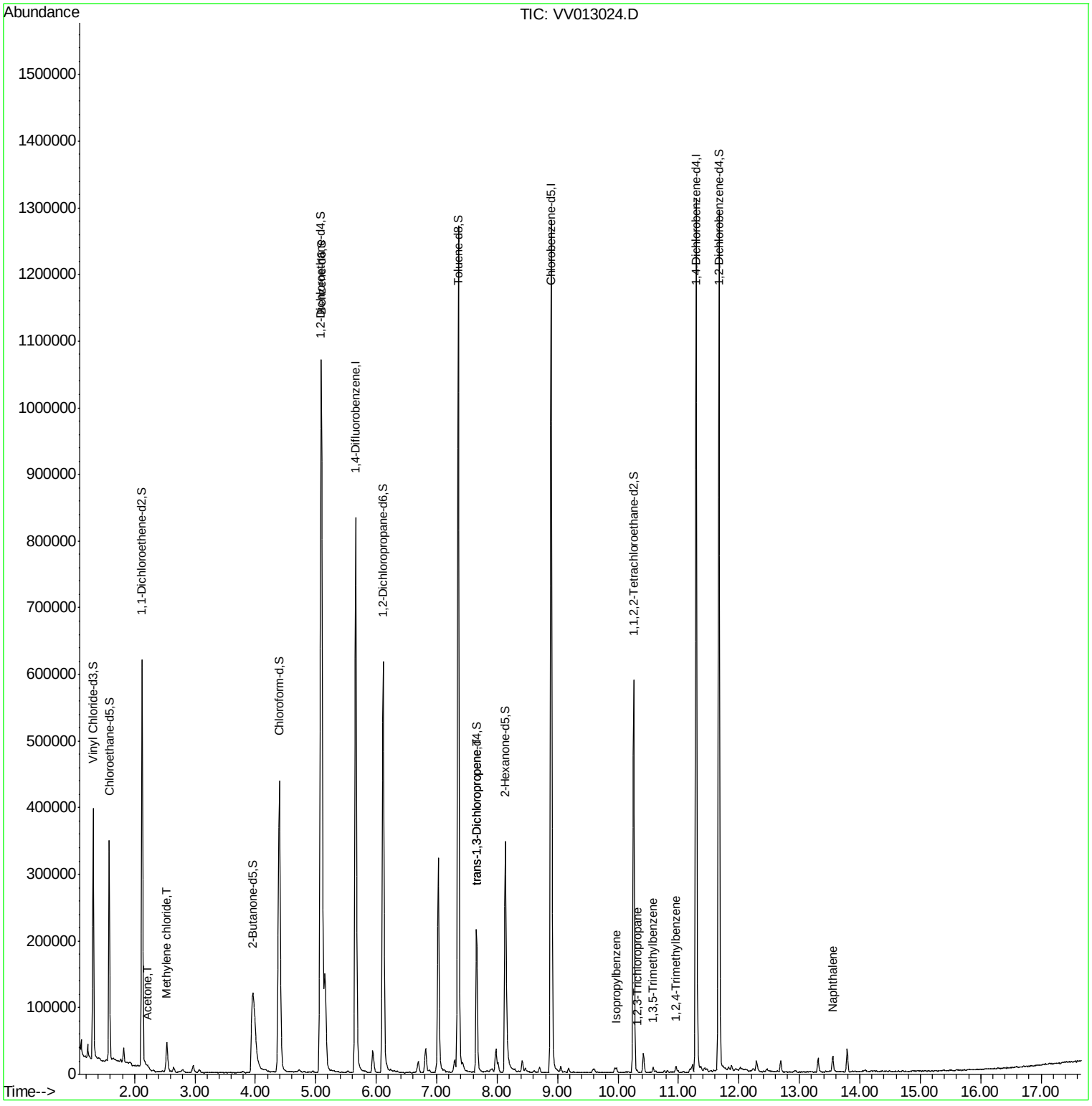
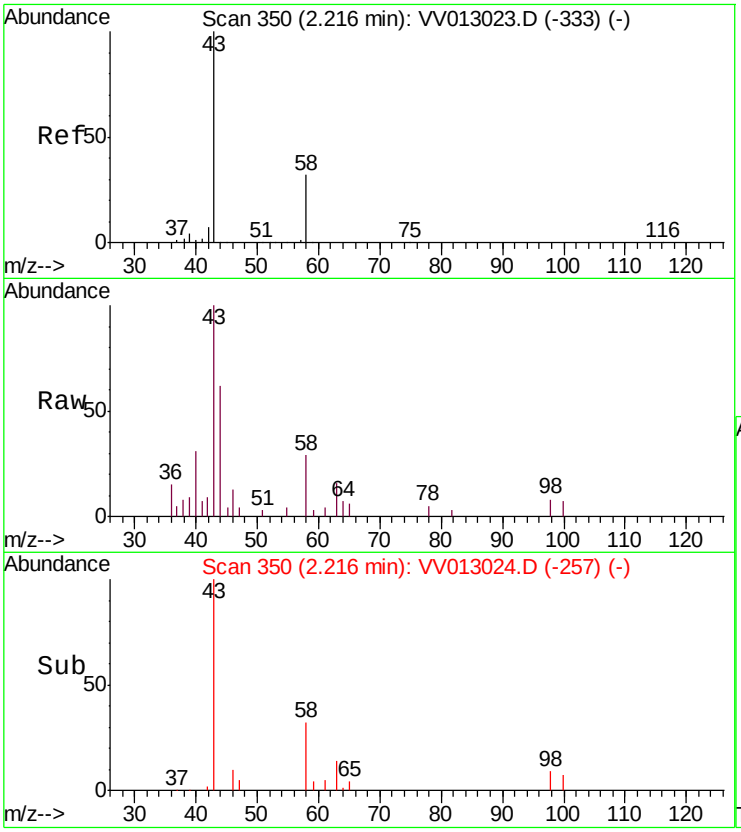
Operator : SY/MD
Sample : VV1002SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK68

Quant Time: Oct 03 03:58:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 03 03:55:32 2019
Response via : Initial Calibration



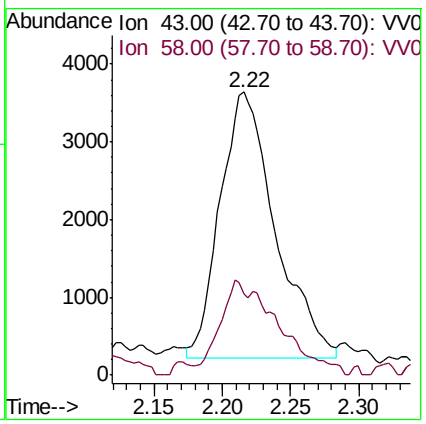


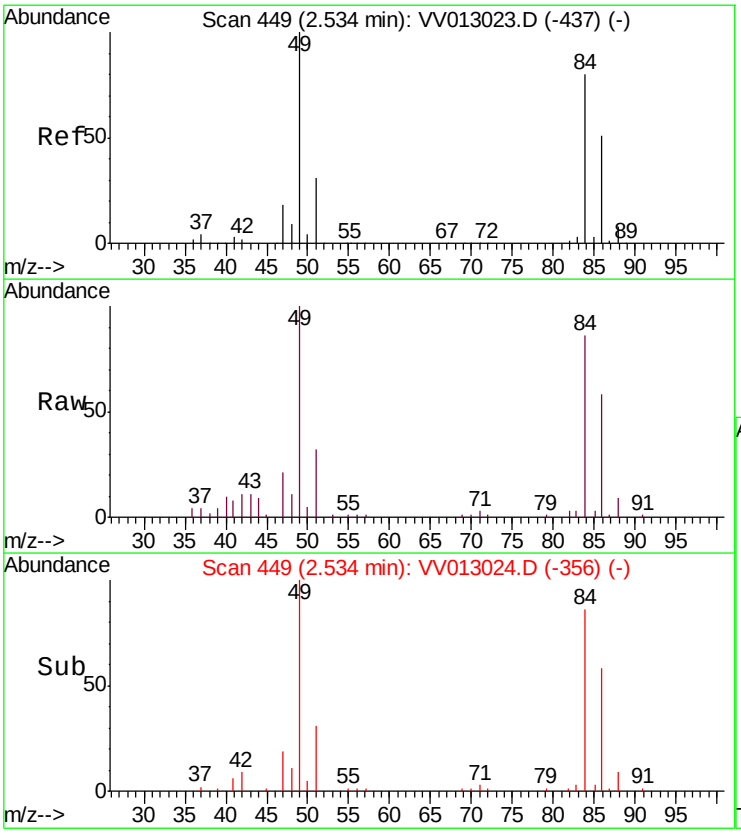
#13
Acetone
Concen: 2.542 ug/L
RT: 2.22 min Scan# 350
Delta R.T. -0.00 min
Lab File: VV013024.D
Acq: 02 Oct 2019 10:00

Instrument :
MSVOA_V
ClientSampleId :
VBLK68

Tgt Ion: 43 Resp: 9616

Ion	Ratio	Lower	Upper
43	100		
58	14.9	0.0	65.2

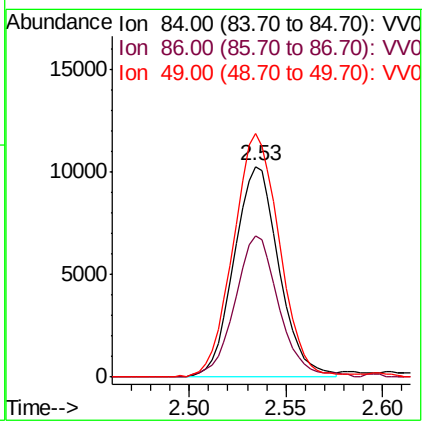


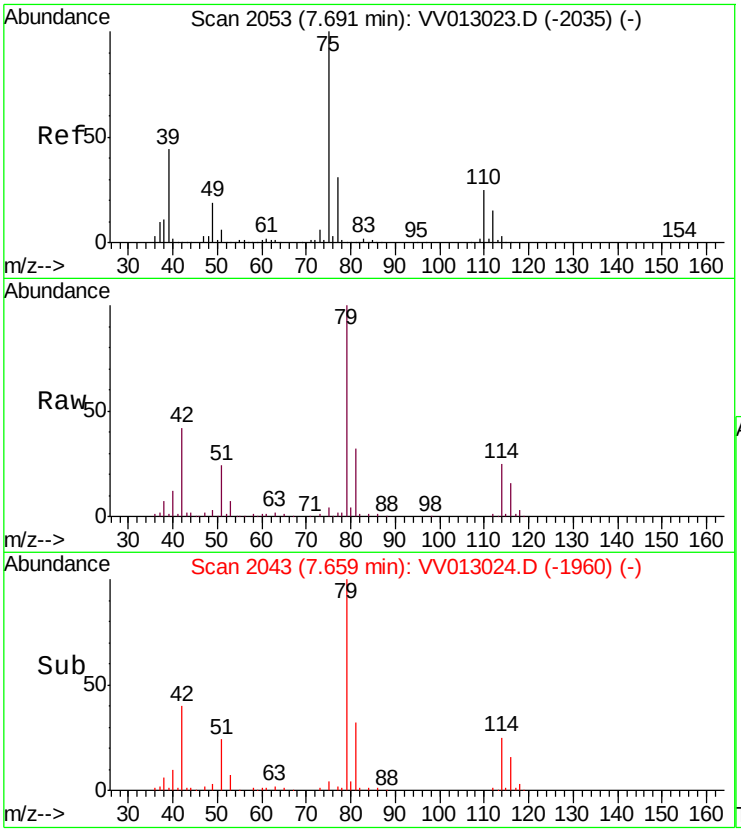


#16
Methylene chloride
Concen: 1.433 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV013024.D
Acq: 02 Oct 2019 10:00

Tgt Ion: 84 Resp: 16674

Ion	Ratio	Lower	Upper
84	100		
86	67.1	44.5	82.7
49	115.7	87.5	162.5



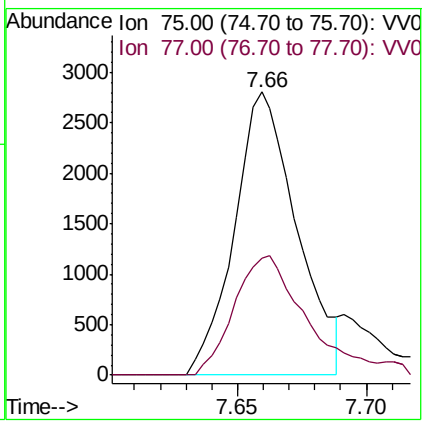


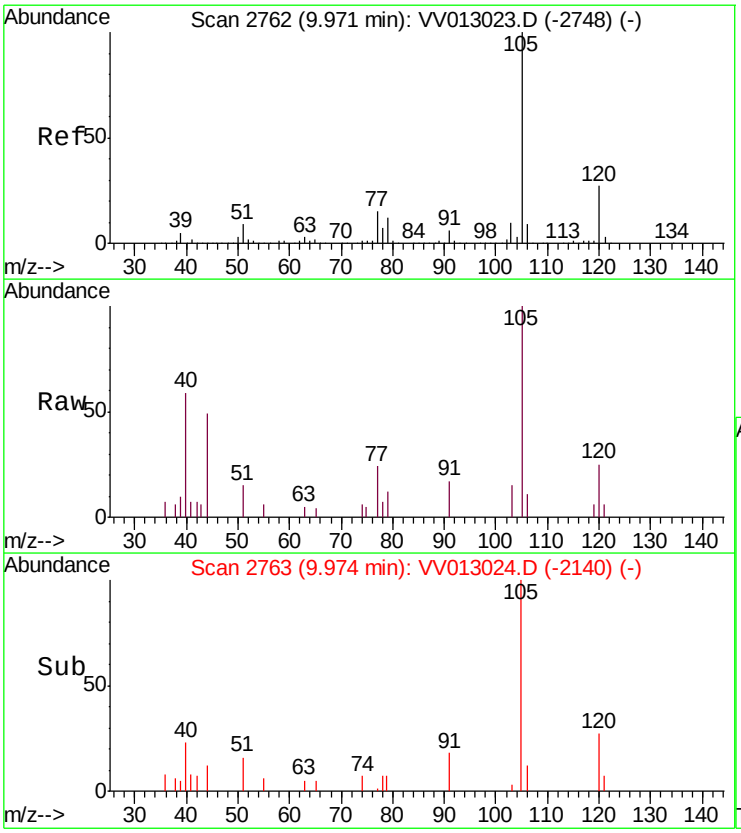
#44
trans-1,3-Dichloropropene
Concen: 0.367 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV013024.D
Acq: 02 Oct 2019 10:00

Instrument :
MSVOA_V
ClientSampleId :
VBLK68

Tgt Ion: 75 Resp: 4747

Ion	Ratio	Lower	Upper
75	100		
77	41.5	22.1	41.1#

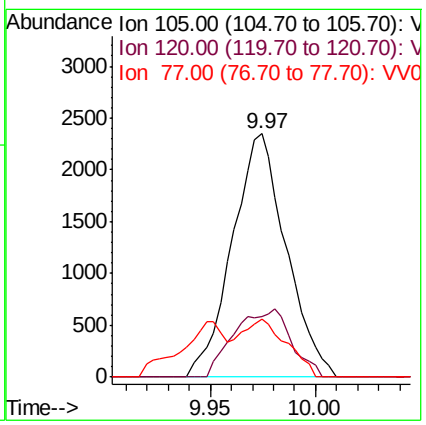


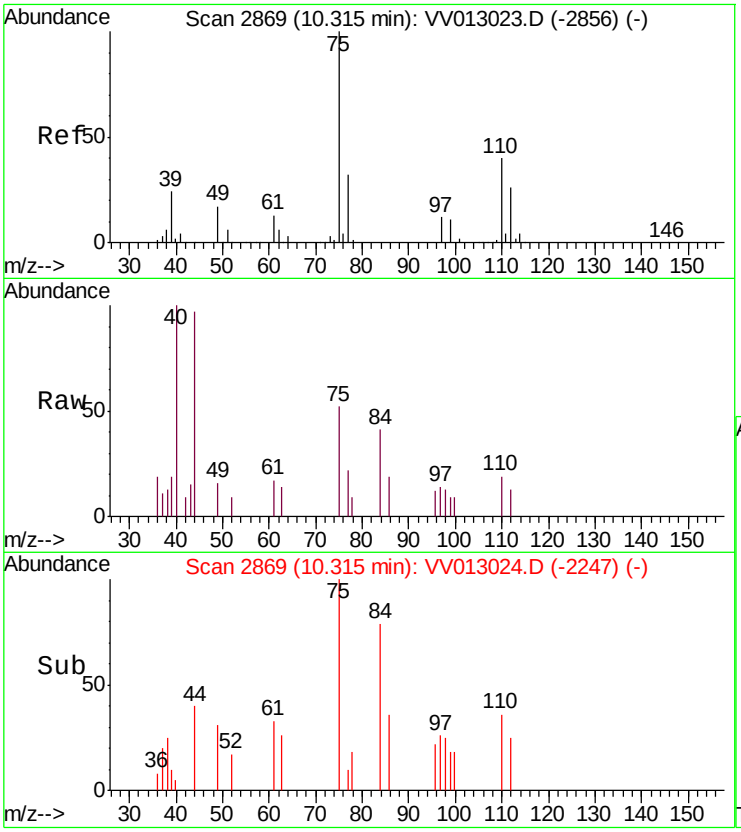


#60
Isopropylbenzene
Concen: 0.101 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV013024.D
Acq: 02 Oct 2019 10:00

Tgt Ion:105 Resp: 4177

Ion	Ratio	Lower	Upper
105	100		
120	13.1	21.1	31.7#
77	20.7	12.3	18.5#



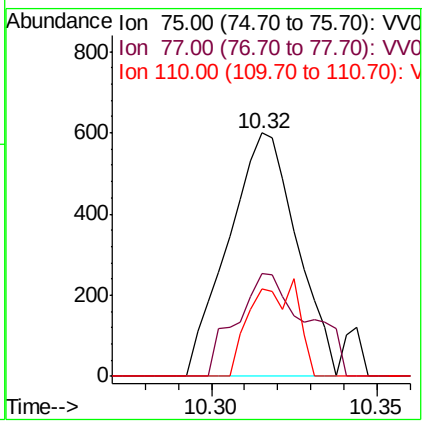


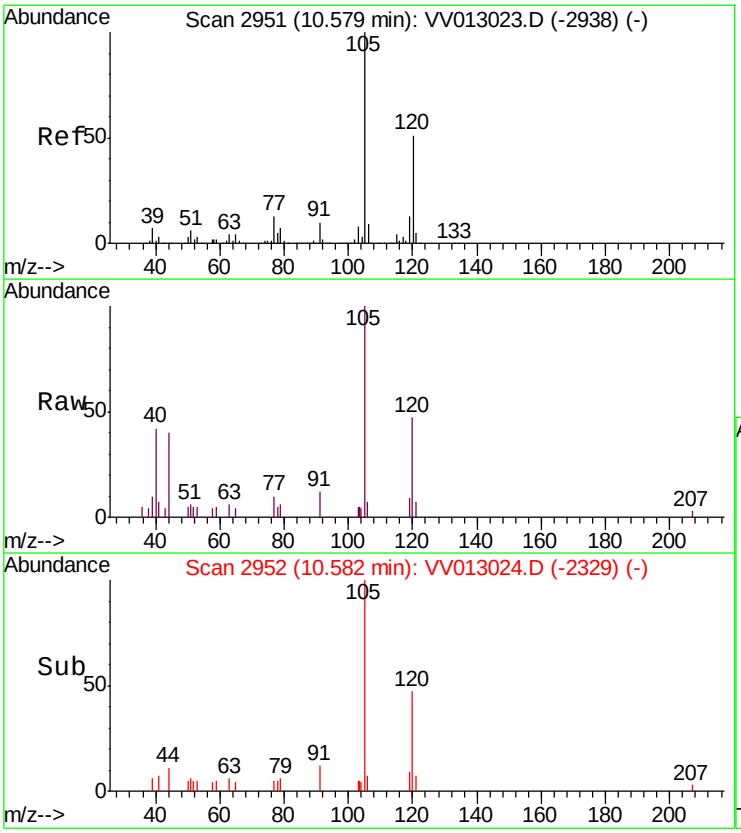
#61
1,2,3-Trichloropropane
Concen: 0.111 ug/L
RT: 10.32 min Scan# 2869
Delta R.T. -0.00 min
Lab File: VV013024.D
Acq: 02 Oct 2019 10:00

Instrument : MSVOA_V
ClientSampleId : VBLK68

Tgt Ion: 75 Resp: 863

Ion	Ratio	Lower	Upper
75	100		
77	10.4	25.4	38.2#
110	19.2	31.7	47.5#

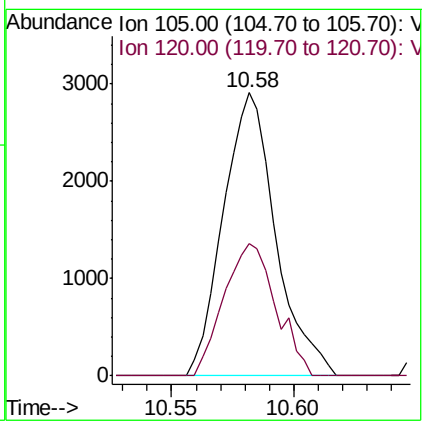


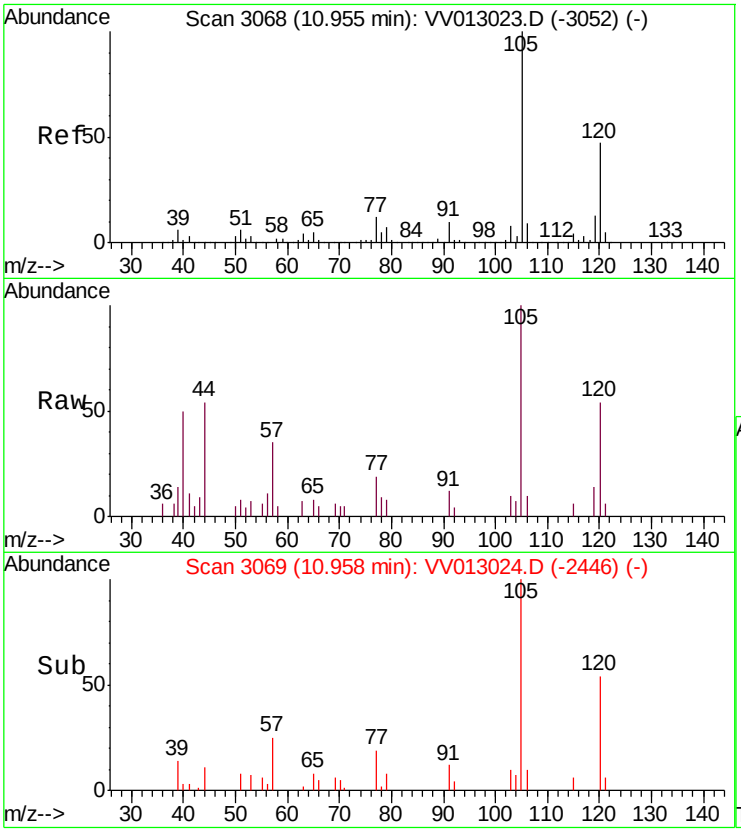


#62
1,3,5-Trimethylbenzene
Concen: 0.130 ug/L
RT: 10.58 min Scan# 2952
Delta R.T. 0.00 min
Lab File: VV013024.D
Acq: 02 Oct 2019 10:00

Tgt Ion:105 Resp: 4339

Ion	Ratio	Lower	Upper
105	100		
120	46.4	40.6	61.0



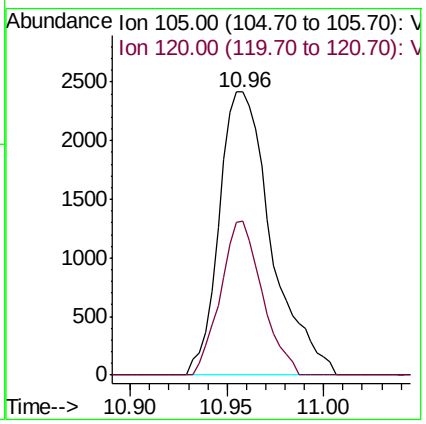


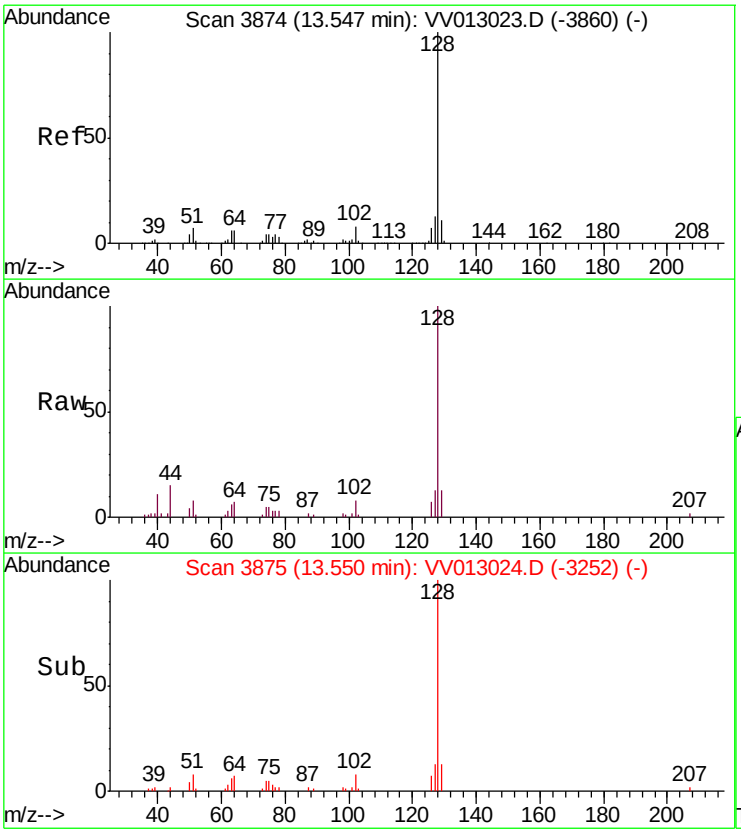
#63
1,2,4-Trimethylbenzene
Concen: 0.136 ug/L
RT: 10.96 min Scan# 3069
Delta R.T. 0.00 min
Lab File: VV013024.D
Acq: 02 Oct 2019 10:00

Instrument :
MSVOA_V
ClientSampleId :
VBLK68

Tgt Ion:105 Resp: 4540

Ion	Ratio	Lower	Upper
105	100		
120	43.3	37.1	55.7





#71
Naphthalene
Concen: 0.665 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV013024.D
Acq: 02 Oct 2019 10:00

Tgt Ion:128 Resp: 19540

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.4
129	11.6	8.6	12.8