Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050219\

Quantitation Report (Not Reviewed)

Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Time: May 03 23:16:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	201130	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	176571	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65906	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	37018	14.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.16%			
7) Chloroethane-d5	1.57	69	30258	16.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.88%			
10) 1,1-Dichloroethene-d2	2.12	63	56261	12.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 50.40%			
20) 2-Butanone-d5	3.93	46	20740	26.77	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 53.54%			
24) Chloroform-d	4.40	84	97681	18.80	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 75.20%			
26) 1,2-Dichloroethane-d4	5.08	65	51148	17.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 68.72%#			
29) Benzene-d6	5.09	84	202020	22.08	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.32%			
33) 1,2-Dichloropropane-d6	6.12	67	61651	21.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.96%			
37) Toluene-d8	7.36	98	185266	21.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.28%			
38) trans-1,3-Dichloropropene-	7.66	79	20345	17.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 70.24%			
39) 2-Hexanone-d5	8.13	63	16085	32.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.46%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40512	16.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 64.16%			
61) 1,2-Dichlorobenzene-d4	11.67	152	52930	20.87	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.48%			
Target Compounds						Qvalue
13) Acetone	2.18	43	1715	2.582	ug/L	95
25) Chloroform	4.42	83	4086	0.824	ug/L #	66
40) 1,2-Dichloropropane	6.11	63	6604	3.008	ug/L #	87
44) Toluene	7.43	91	13569	1.457	ug/L	93
56) Styrene	9.60	104	6656	1.006	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.51	75	1262	4.621	ug/L #	1
69) Naphthalene	13.55	128	6411	1.522	ug/L #	83

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

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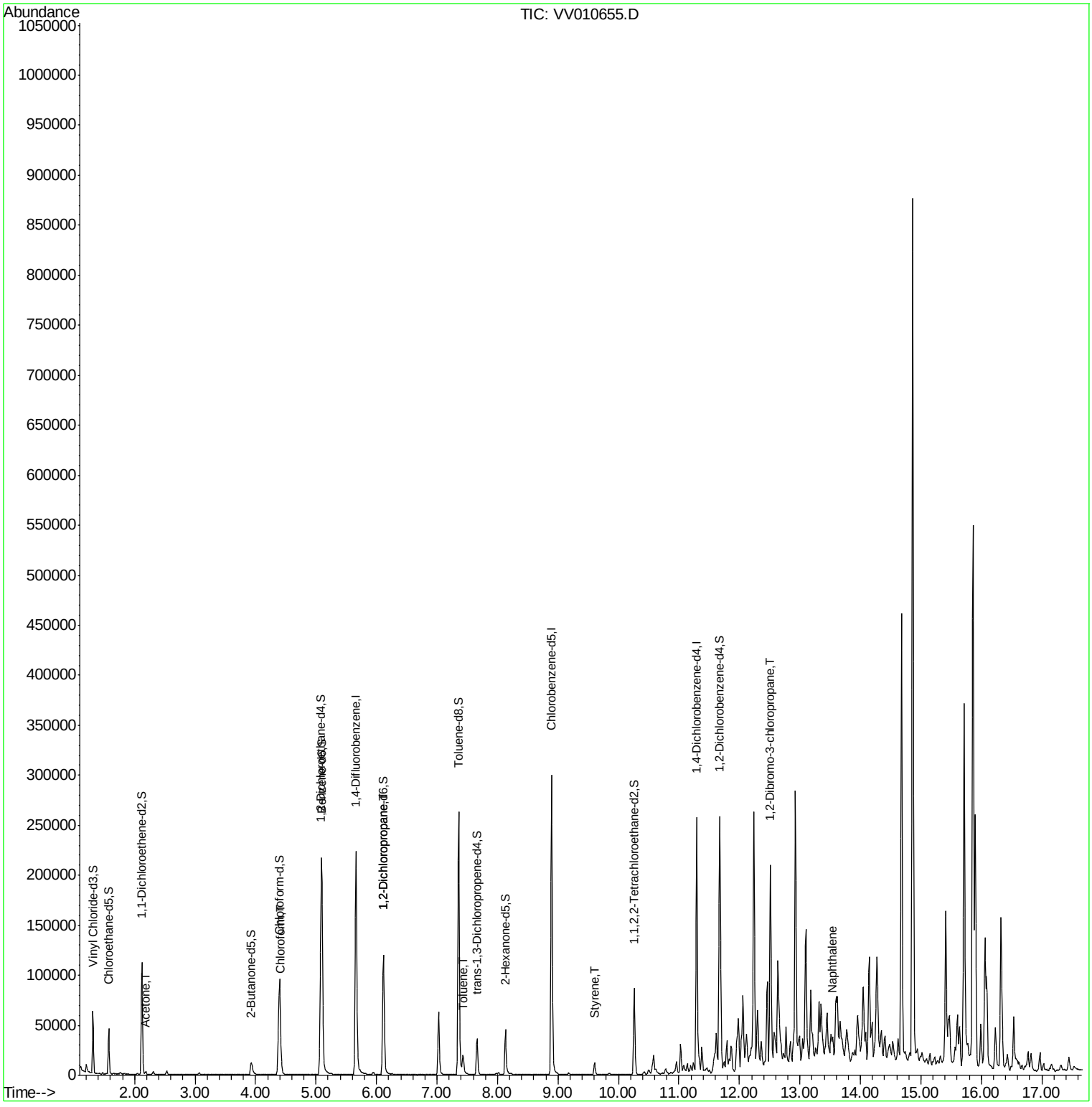
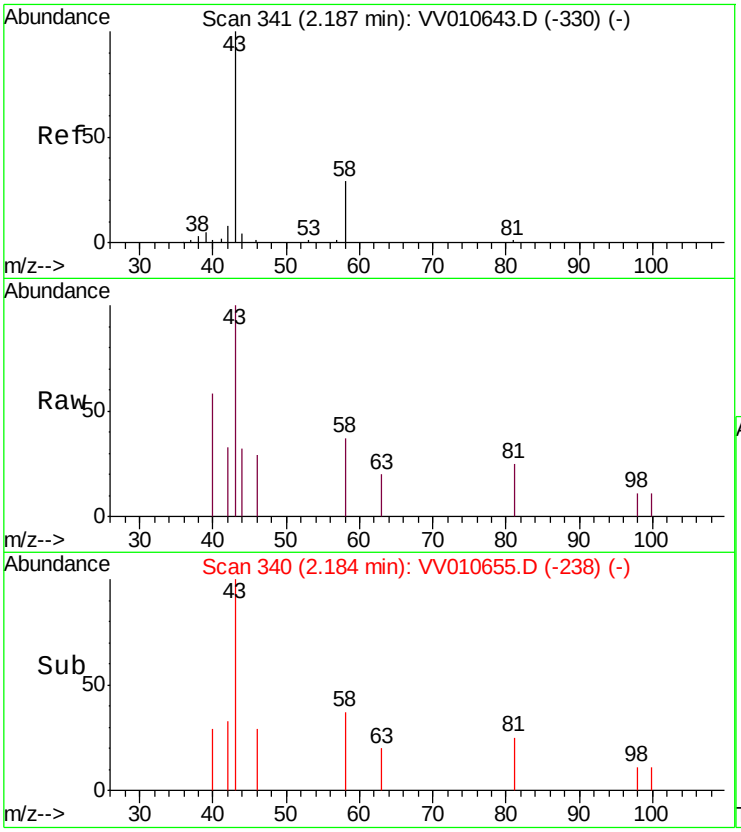
QLast Update : Fri May 03 23:12:37 2019
Response via : Initial Calibration



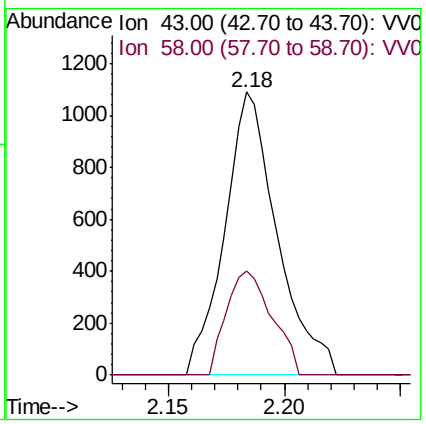


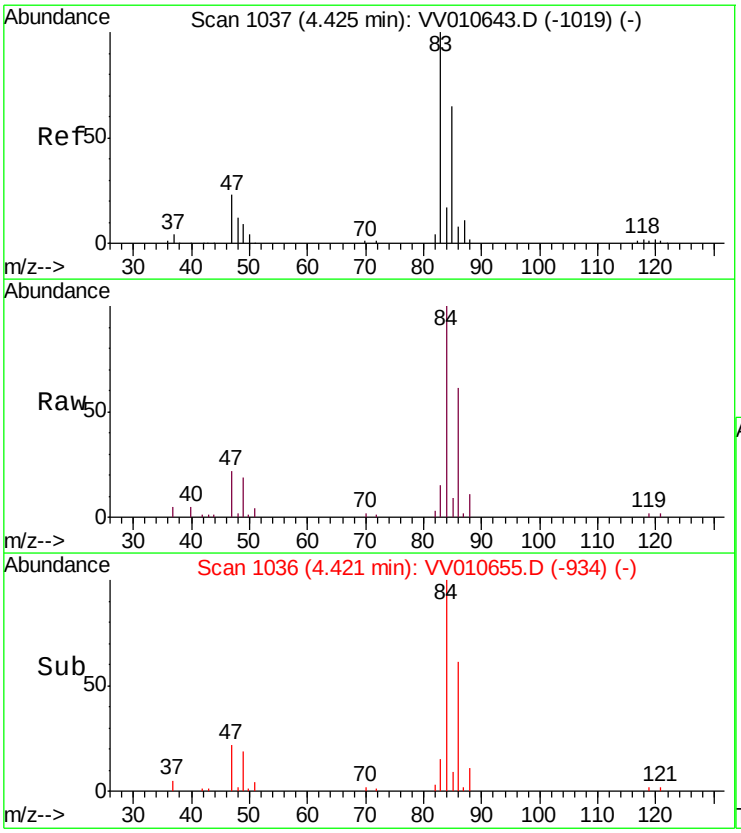
#13
Acetone
Concen: 2.582 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV010655.D
Acq: 03 May 2019 10:20

Instrument :
MSVOA_V
ClientSampleId :
GAJ57

Tgt Ion: 43 Resp: 1715

Ion	Ratio	Lower	Upper
43	100		
58	31.7	0.0	58.2

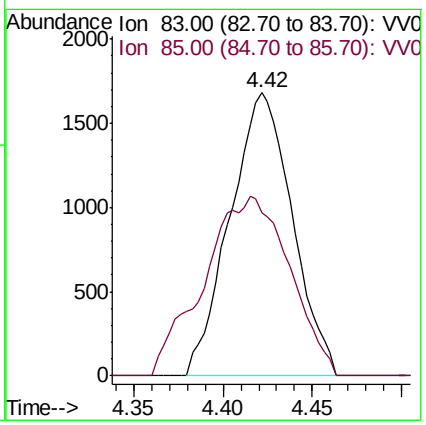


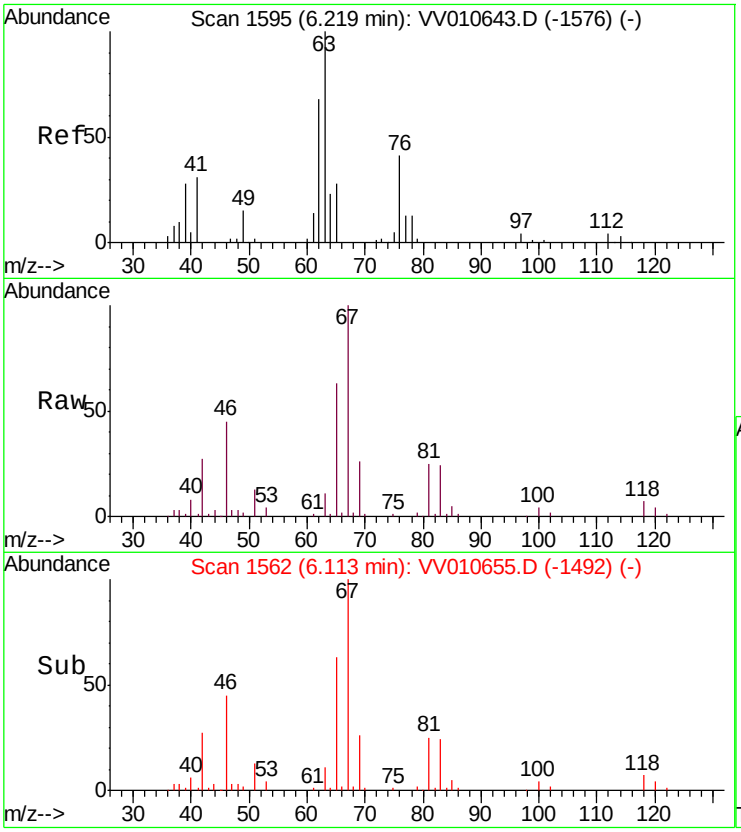


#25
Chloroform
Concen: 0.824 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010655.D
Acq: 03 May 2019 10:20

Tgt Ion: 83 Resp: 4086

Ion	Ratio	Lower	Upper
83	100		
85	38.9	46.3	86.1#



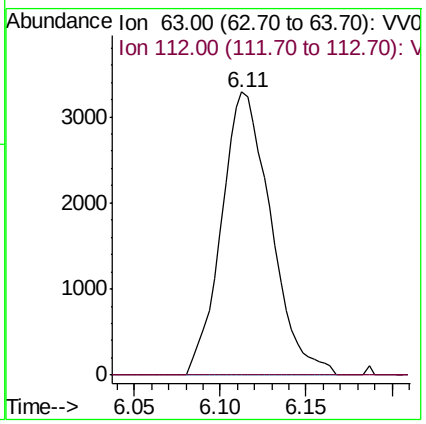


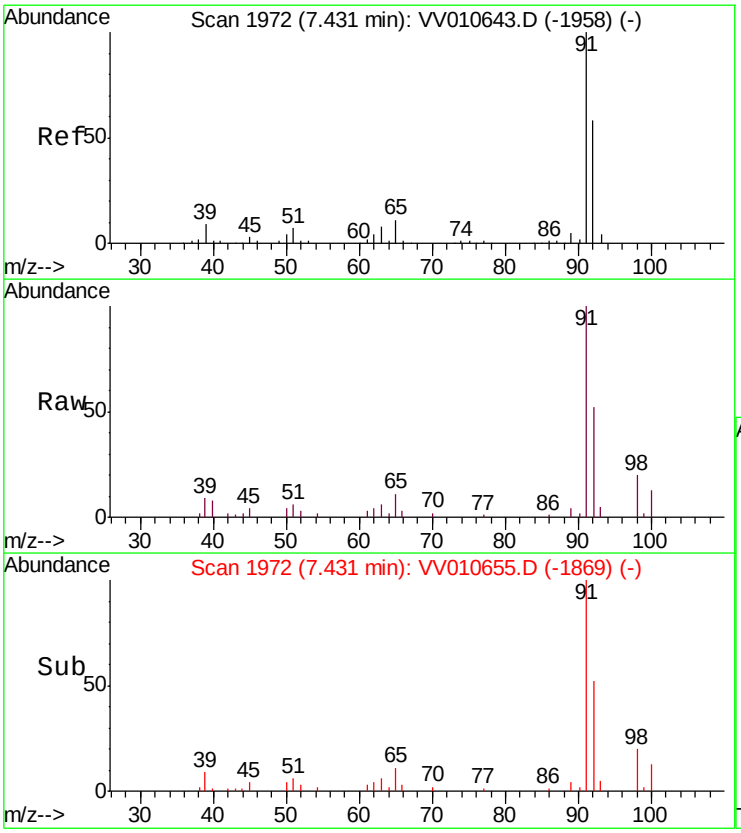
#40
1,2-Dichloropropane
Concen: 3.008 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010655.D
Acq: 03 May 2019 10:20

Instrument : MSVOA_V
ClientSampleId : GAJ57

Tgt Ion: 63 Resp: 6604

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

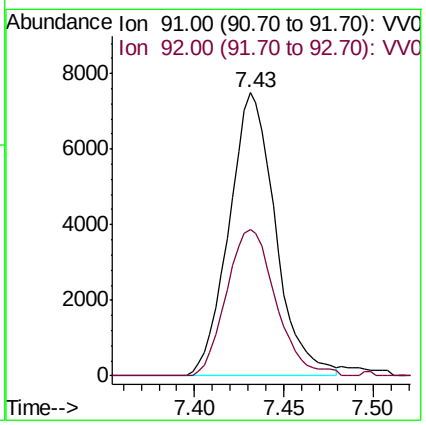


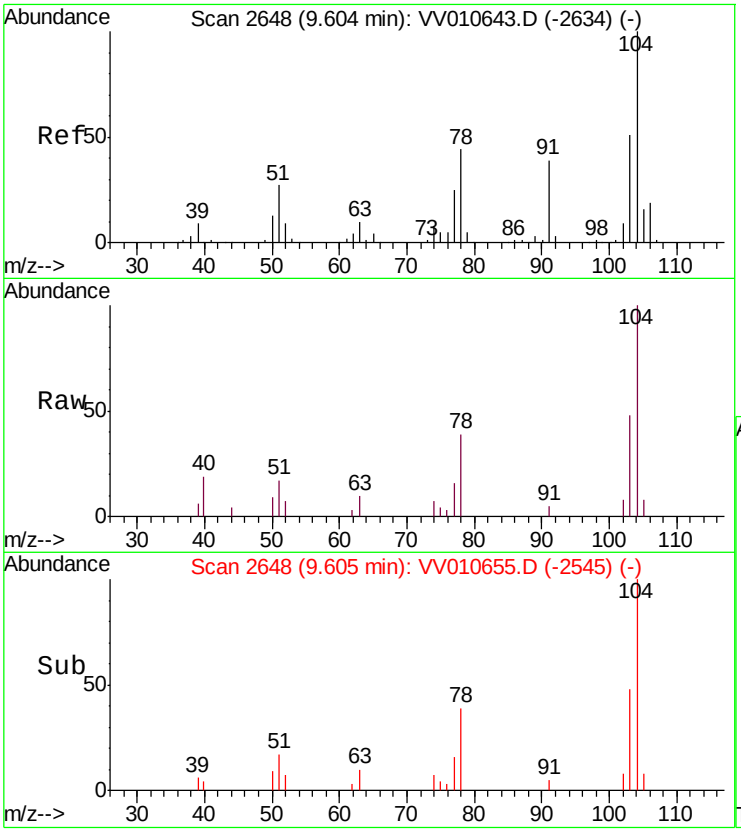


#44
Toluene
Concen: 1.457 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV010655.D
Acq: 03 May 2019 10:20

Tgt Ion: 91 Resp: 13569

Ion	Ratio	Lower	Upper
91	100		
92	51.9	40.1	74.5



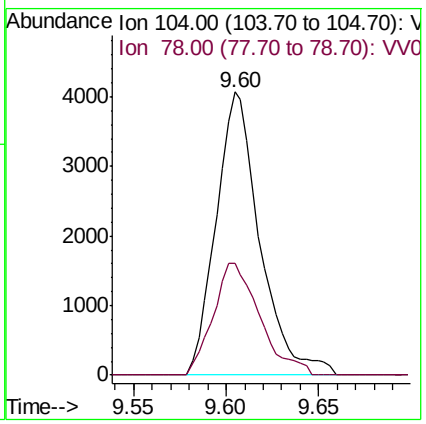


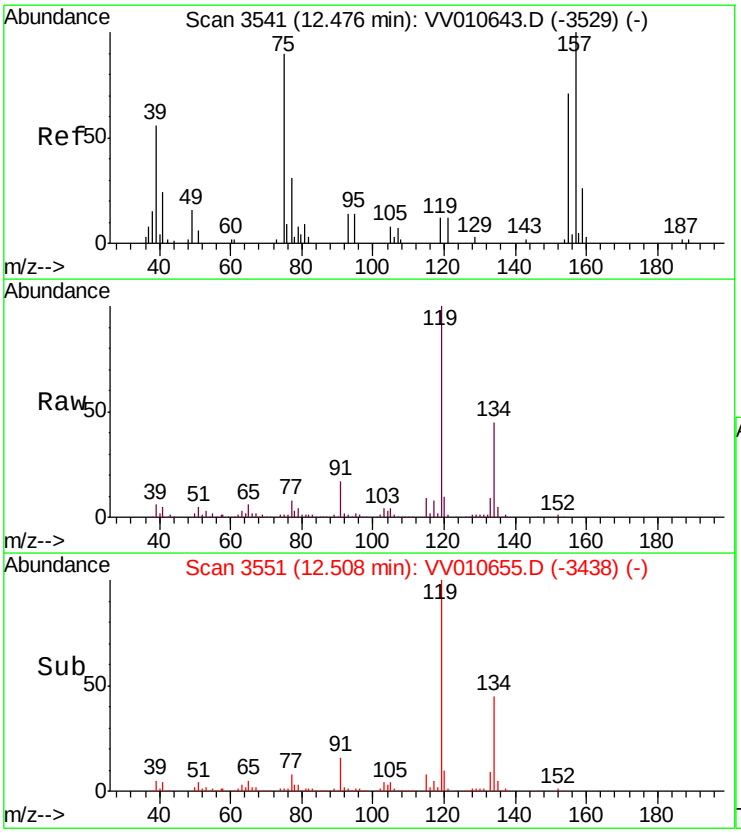
#56
Styrene
Concen: 1.006 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV010655.D
Acq: 03 May 2019 10:20

Instrument :
MSVOA_V
ClientSampleId :
GAJ57

Tgt Ion:104 Resp: 6656

Ion	Ratio	Lower	Upper
104	100		
78	39.4	30.4	56.5

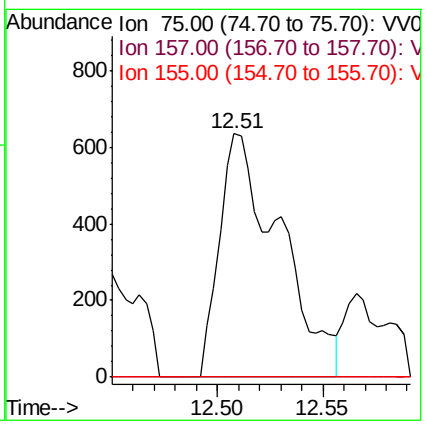


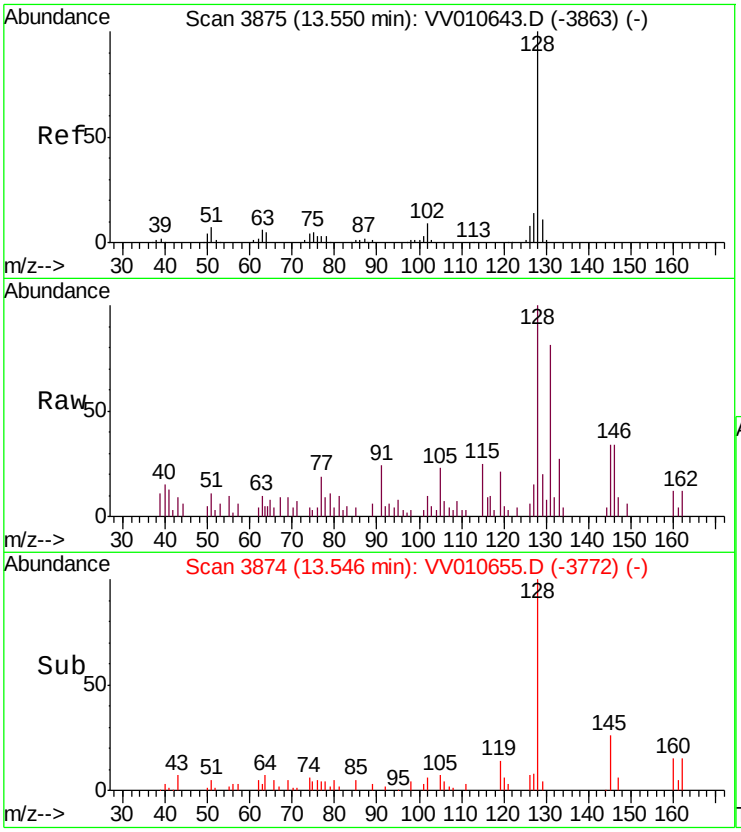


#66
1,2-Dibromo-3-chloropropane
Concen: 4.621 ug/L
RT: 12.51 min Scan# 3551
Delta R.T. 0.03 min
Lab File: VV010655.D
Acq: 03 May 2019 10:20

Tgt Ion: 75 Resp: 1262

Ion	Ratio	Lower	Upper
75	100		
157	0.0	91.1	136.7#
155	0.0	61.0	91.6#





#69
Naphthalene
Concen: 1.522 ug/L
RT: 13.55 min Scan# 3874
Delta R.T. -0.00 min
Lab File: VV010655.D
Acq: 03 May 2019 10:20

Instrument :
MSVOA_V
ClientSampleId :
GAJ57

Tgt Ion:128 Resp: 6411

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	13.0#
127	10.0	10.6	15.8#