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

Quantitation Report (Not Reviewed)

Data File : VV010650.D
Acq On : 03 May 2019 07:05
Operator : SY/MD
Sample : K2604-18
Misc : 5.06G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ89

Quant Time: May 03 07:46:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 03:59:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	172360	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	157796	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53798	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	26443	12.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 48.48%			
7) Chloroethane-d5	1.56	69	23906	15.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 62.60%			
10) 1,1-Dichloroethene-d2	2.12	63	51362	13.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 53.68%			
20) 2-Butanone-d5	3.93	46	25880	38.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.96%			
24) Chloroform-d	4.39	84	100985	22.68	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.72%			
26) 1,2-Dichloroethane-d4	5.07	65	61261	24.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.04%			
29) Benzene-d6	5.09	84	206601	25.27	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.08%			
33) 1,2-Dichloropropane-d6	6.11	67	70456	28.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.48%			
37) Toluene-d8	7.36	98	184125	23.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.72%			
38) trans-1,3-Dichloropropene-	7.66	79	23416	22.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.48%			
39) 2-Hexanone-d5	8.13	63	19737	44.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.50%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49533	21.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.76%			
61) 1,2-Dichlorobenzene-d4	11.67	152	50641	24.46	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.84%			
Target Compounds						Qvalue
13) Acetone	2.19	43	3100	5.446	ug/L	83
34) Benzene	5.14	78	6813	0.903	ug/L	100
35) Trichloroethene	5.66	95	4440	2.064	ug/L #	4
40) 1,2-Dichloropropane	6.11	63	7298	3.720	ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1648	0.574	ug/L #	75
44) Toluene	7.43	91	46028	5.529	ug/L	98
56) Styrene	9.61	104	3077	0.520	ug/L	93
59) 1,2,3-Trichloropropane	11.29	75	6661	4.332	ug/L	98
69) Naphthalene	13.55	128	5580	1.623	ug/L	97

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

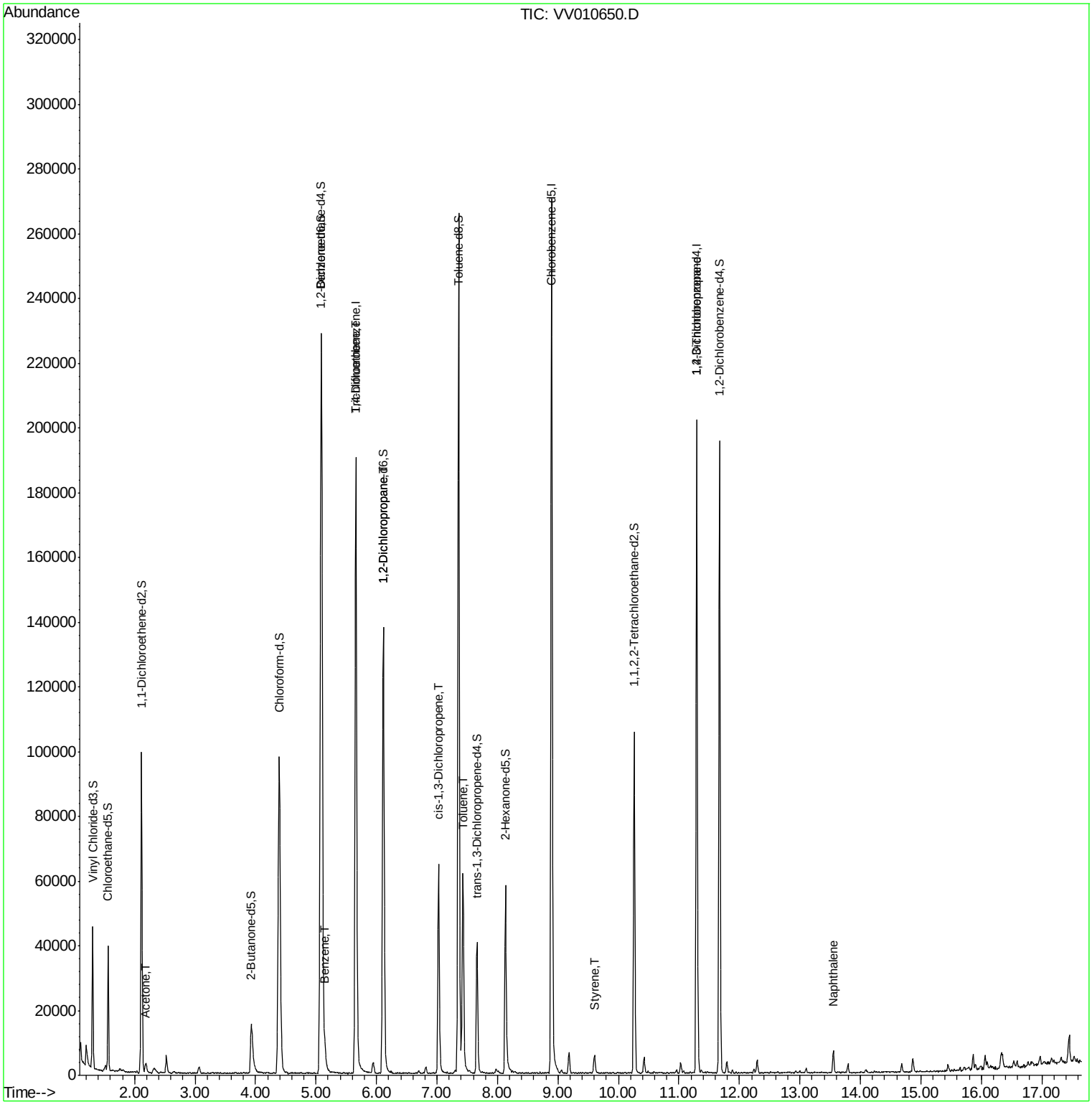
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050219\

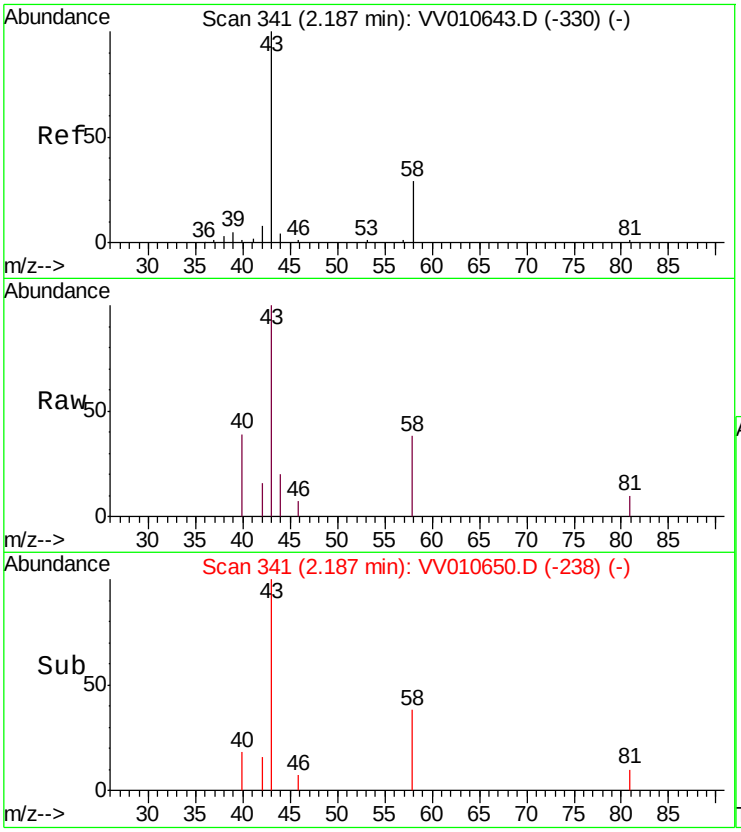
Quantitation Report (Not Reviewed)

Data File : VV010650.D
Acq On : 03 May 2019 07:05
Operator : SY/MD
Sample : K2604-18
Misc : 5.06G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ89

Quant Time: May 03 07:46:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 03:59:48 2019
Response via : Initial Calibration



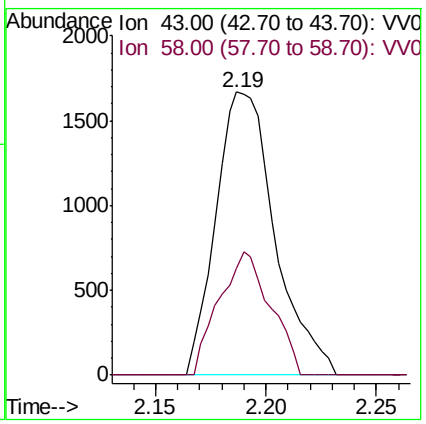


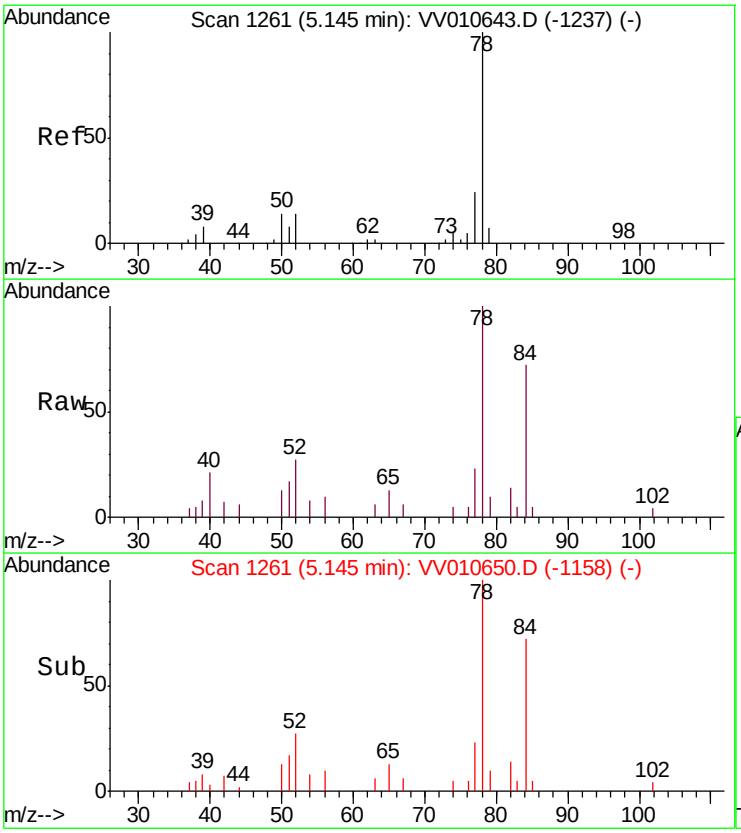
#13
Acetone
Concen: 5.446 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV010650.D
Acq: 03 May 2019 07:05

Instrument :
MSVOA_V
ClientSampleId :
GAJ89

Tgt Ion: 43 Resp: 3100

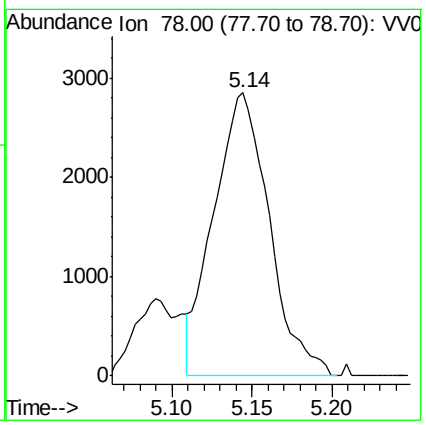
Ion	Ratio	Lower	Upper
43	100		
58	37.9	0.0	58.2

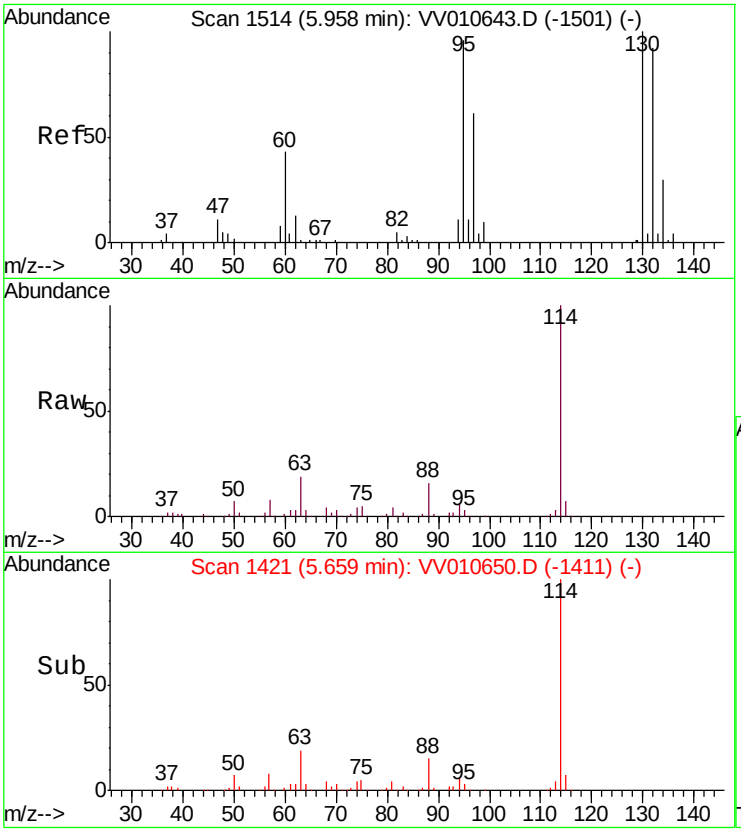




#34
Benzene
Concen: 0.903 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV010650.D
Acq: 03 May 2019 07:05

Tgt Ion: 78 Resp: 6813



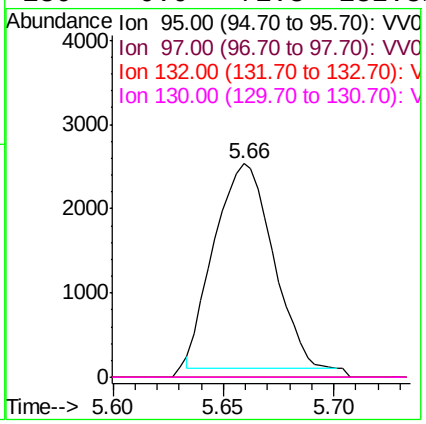


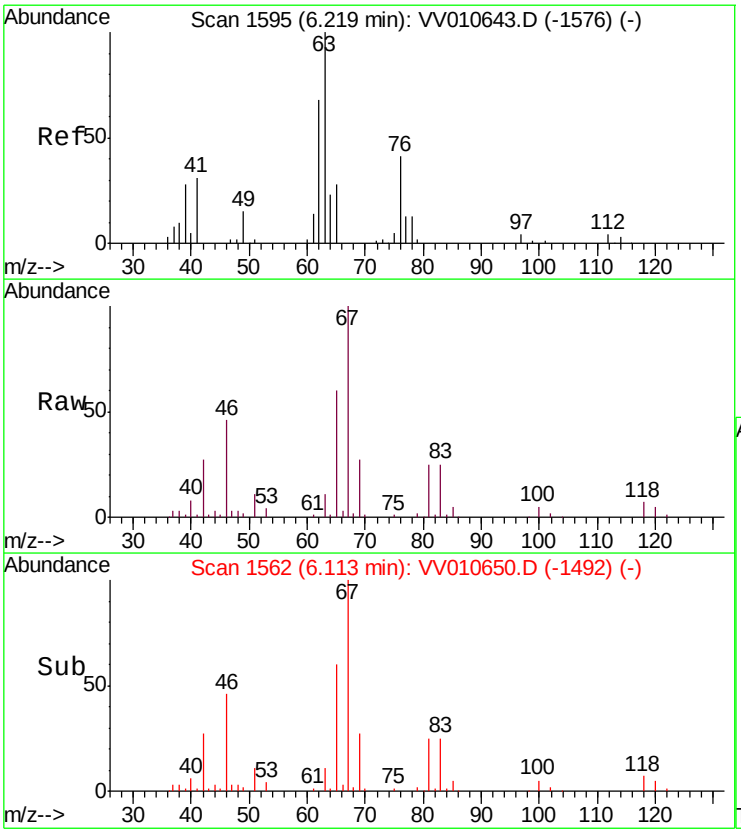
#35
Trichloroethene
Concen: 2.064 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010650.D
Acq: 03 May 2019 07:05

Instrument : MSVOA_V
ClientSampleId : GAJ89

Tgt Ion: 95 Resp: 4440

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	69.9	129.9#
130	0.0	71.3	132.3#

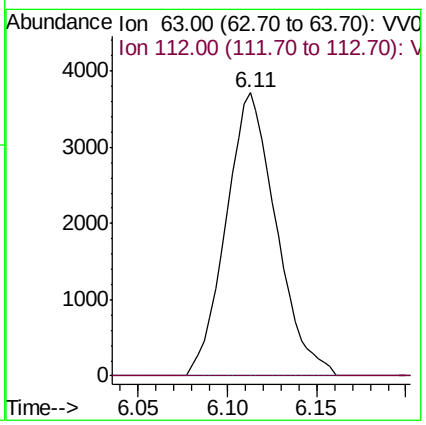


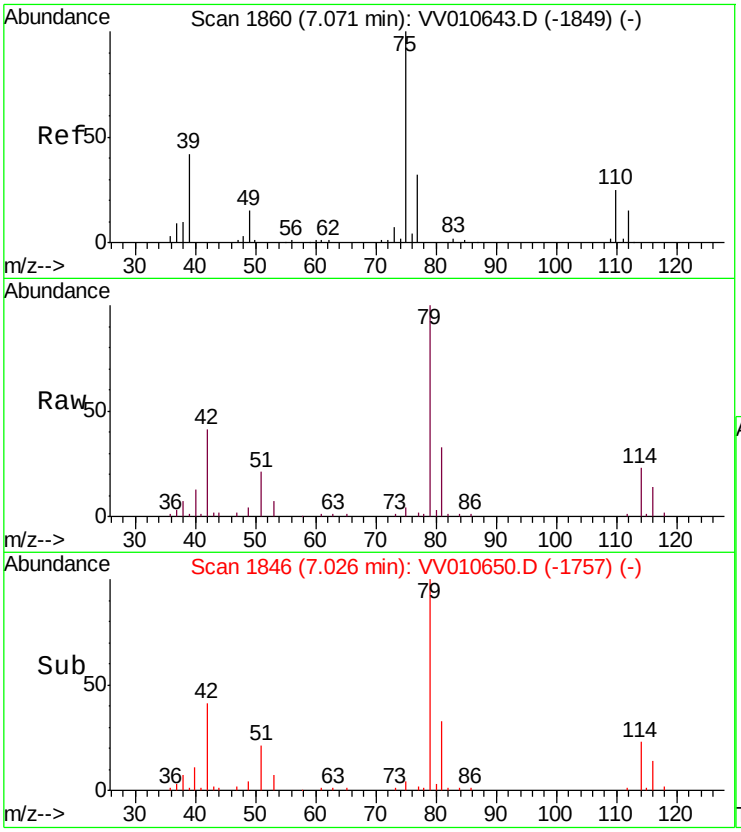


#40
1,2-Dichloropropane
Concen: 3.720 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010650.D
Acq: 03 May 2019 07:05

Tgt Ion: 63 Resp: 7298

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



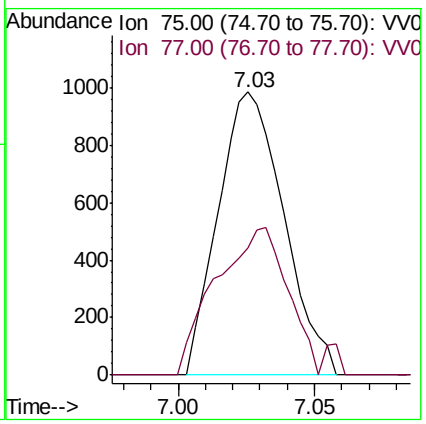


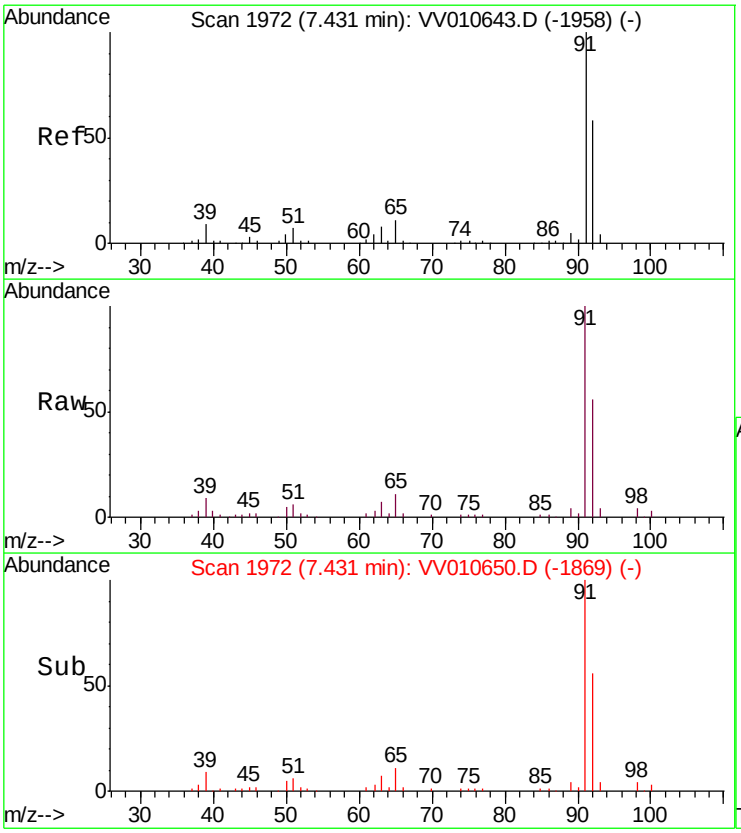
#42
cis-1,3-Dichloropropene
Concen: 0.574 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV010650.D
Acq: 03 May 2019 07:05

Instrument : MSVOA_V
ClientSampleId : GAJ89

Tgt Ion: 75 Resp: 1648

Ion	Ratio	Lower	Upper
75	100		
77	45.0	21.8	40.4#

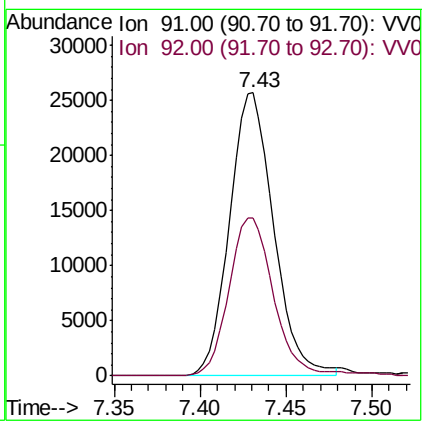


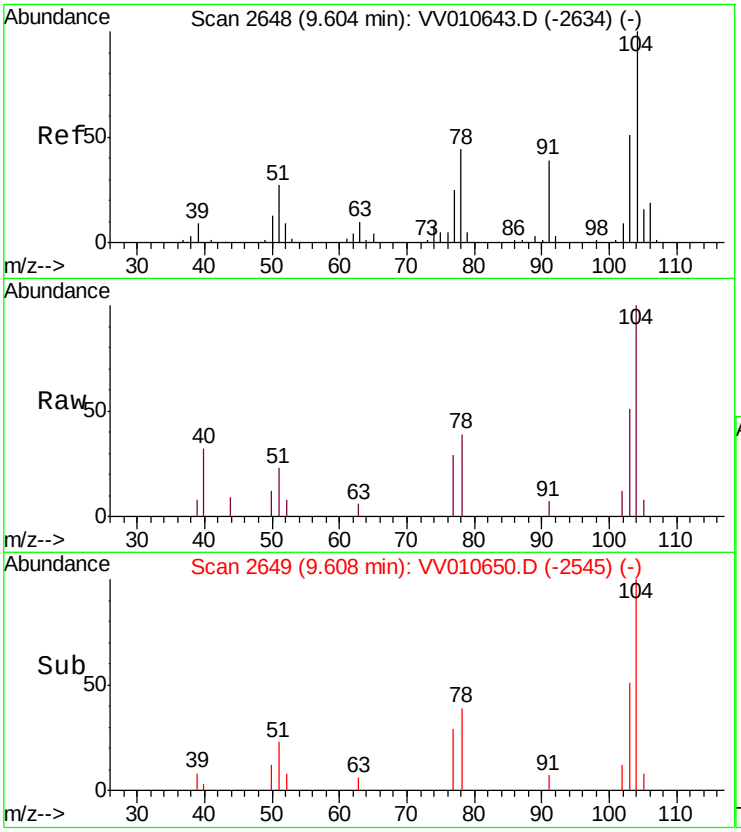


#44
Toluene
Concen: 5.529 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV010650.D
Acq: 03 May 2019 07:05

Tgt Ion: 91 Resp: 46028

Ion	Ratio	Lower	Upper
91	100		
92	55.6	40.1	74.5



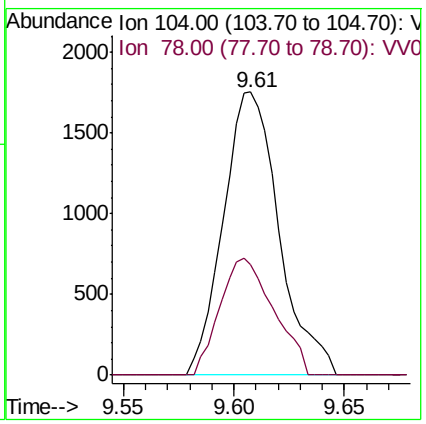


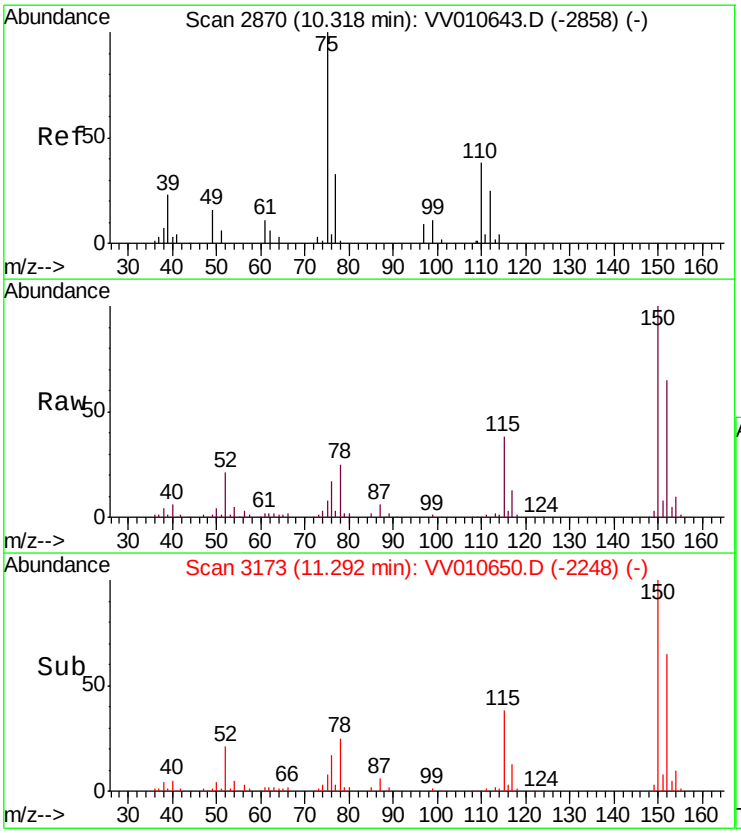
#56
Styrene
Concen: 0.520 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV010650.D
Acq: 03 May 2019 07:05

Instrument : MSVOA_V
ClientSampleId : GAJ89

Tgt Ion:104 Resp: 3077

Ion	Ratio	Lower	Upper
104	100		
78	38.9	30.4	56.5

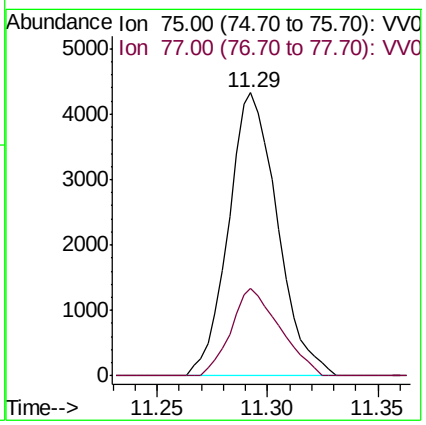


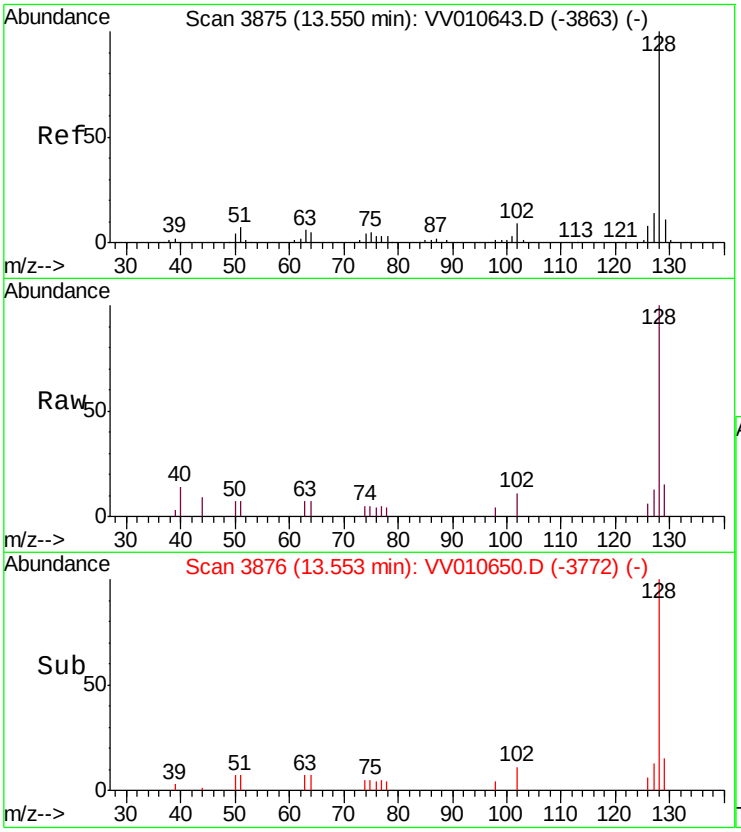


#59
1,2,3-Trichloropropane
Concen: 4.332 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010650.D
Acq: 03 May 2019 07:05

Tgt Ion: 75 Resp: 6661

Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.6	38.4





#69
Naphthalene
Concen: 1.623 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV010650.D
Acq: 03 May 2019 07:05

Instrument :
MSVOA_V
ClientSampleId :
GAJ89

Tgt Ion:128 Resp: 5580

Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.6	13.0
127	14.0	10.6	15.8