Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\

Quantitation Report (Not Reviewed)

Data File : VV011160.D
Acq On : 31 May 2019 04:16
Operator : SY/MD
Sample : K3017-07
Misc : 4.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51E0RE

Quant Time: May 31 08:24:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 08:21:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	369558	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	288153	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	76778	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	101393	20.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.12%			
7) Chloroethane-d5	1.56	69	86213	22.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.72%			
10) 1,1-Dichloroethene-d2	2.11	63	162438	15.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.32%			
20) 2-Butanone-d5	3.93	46	79133	43.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.60%			
24) Chloroform-d	4.69	84	114	0.01	ug/L	0.30
Spiked Amount 25.000	Range 40 - 150		Recovery = 0.04%#			
26) 1,2-Dichloroethane-d4	5.07	65	136997	23.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.08%			
29) Benzene-d6	5.09	84	442807	28.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 113.16%			
33) 1,2-Dichloropropane-d6	6.11	67	143237	28.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 114.28%			
37) Toluene-d8	7.35	98	367918	24.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.68%			
38) trans-1,3-Dichloropropene-	7.66	79	52242	23.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.08%			
39) 2-Hexanone-d5	8.13	63	56687	49.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.48%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	93304	20.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.60%			
61) 1,2-Dichlorobenzene-d4	11.67	152	60697	21.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.52%			
Target Compounds						Qvalue
13) Acetone	2.18	43	169795	79.865	ug/L	99
15) Methyl Acetate	2.45	43	84075	26.281	ug/L	96
21) 2-Butanone	4.02	43	14449	5.793	ug/L	77
42) cis-1,3-Dichloropropene	7.02	75	4374	0.613	ug/L #	63
44) Toluene	7.43	91	15540	0.833	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.30	75	1037	2.270	ug/L #	15

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

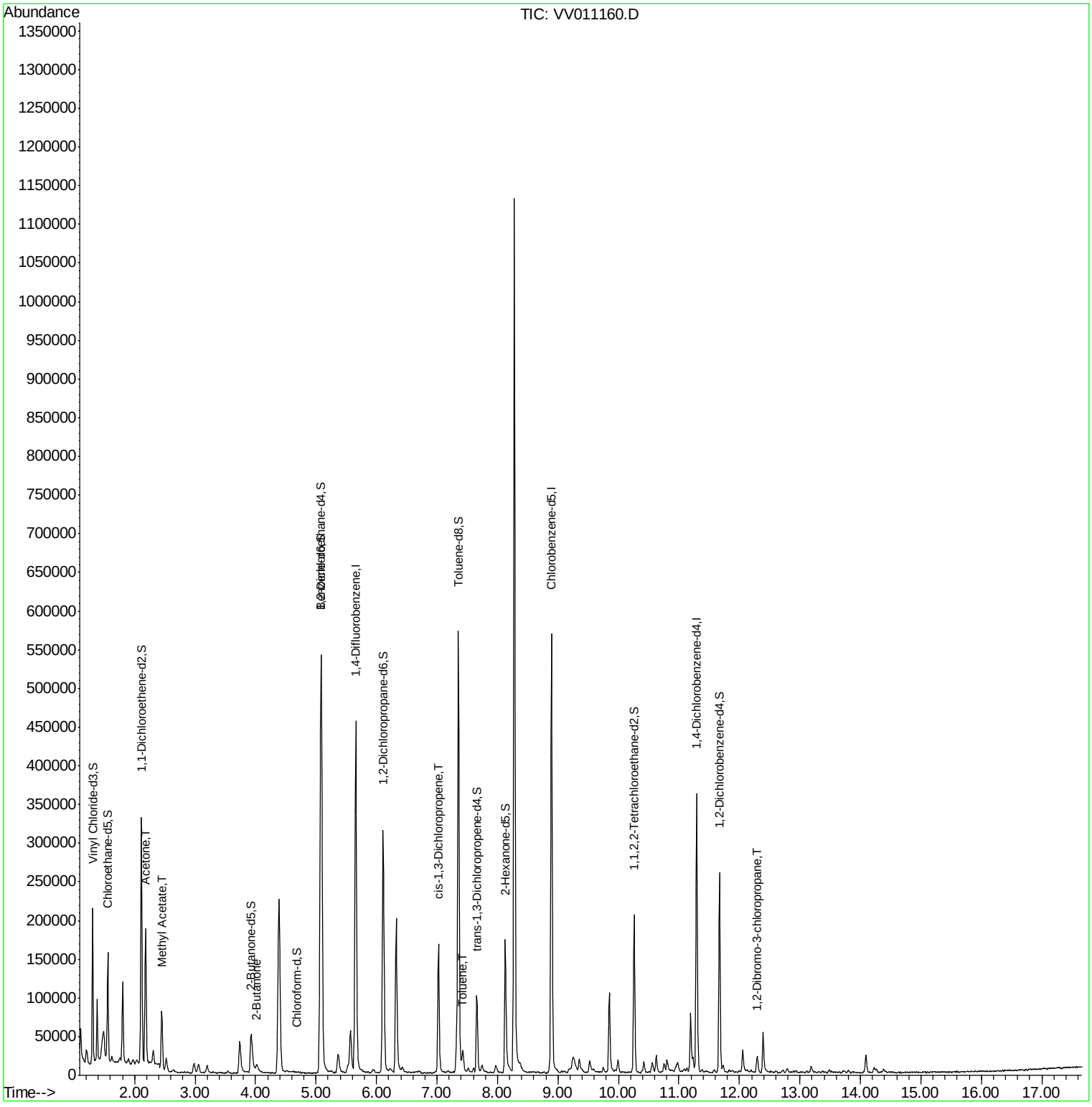
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\

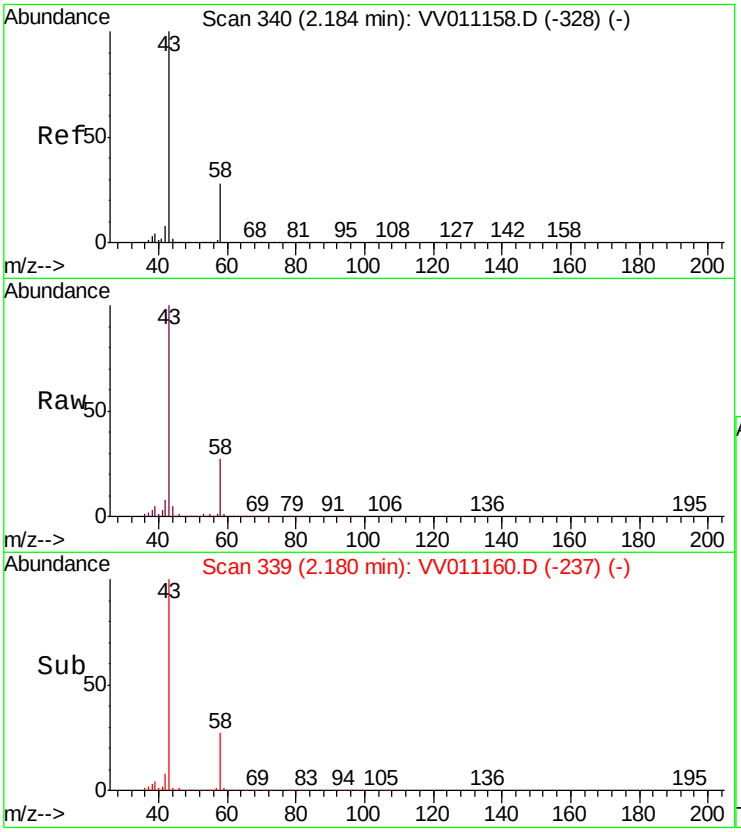
Quantitation Report (Not Reviewed)

Data File : VV011160.D
Acq On : 31 May 2019 04:16
Operator : SY/MD
Sample : K3017-07
Misc : 4.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51E0RE

Quant Time: May 31 08:24:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 08:21:18 2019
Response via : Initial Calibration



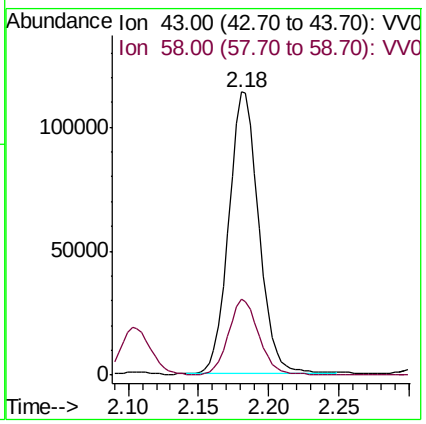


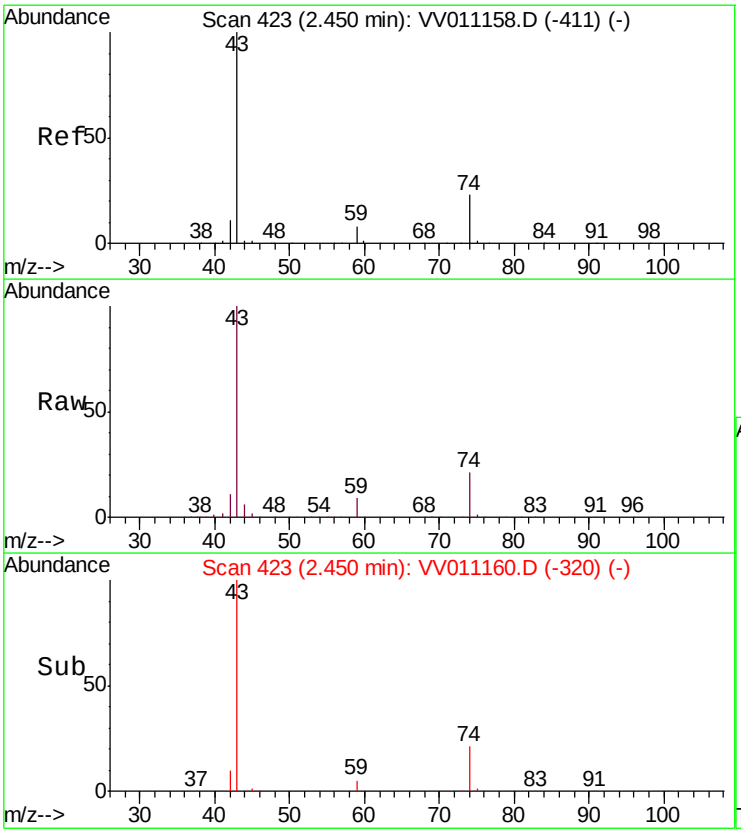
#13
Acetone
Concen: 79.865 ug/L
RT: 2.18 min Scan# 339
Delta R.T. -0.00 min
Lab File: VV011160.D
Acq: 31 May 2019 04:16

Instrument :
MSVOA_V
ClientSampleId :
A51E0RE

Tgt Ion: 43 Resp: 169795

Ion	Ratio	Lower	Upper
43	100		
58	26.6	0.0	53.8

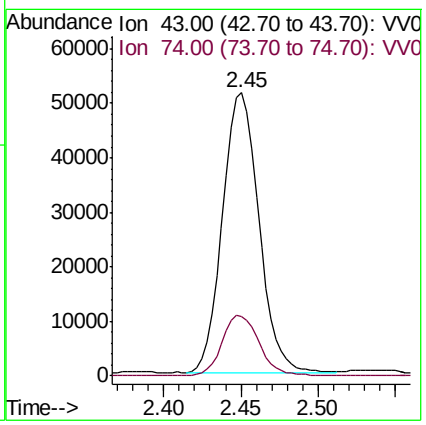


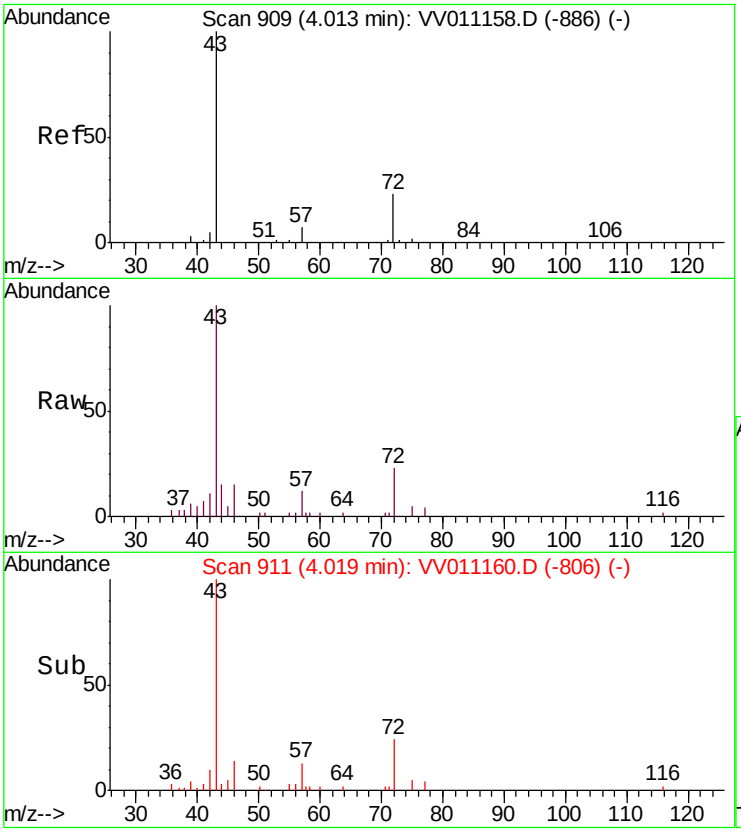


#15
Methyl Acetate
Concen: 26.281 ug/L
RT: 2.45 min Scan# 423
Delta R.T. -0.00 min
Lab File: VV011160.D
Acq: 31 May 2019 04:16

Tgt Ion: 43 Resp: 84075

Ion	Ratio	Lower	Upper
43	100		
74	22.3	16.2	24.4



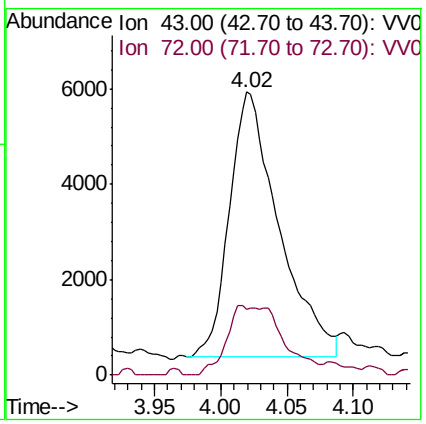


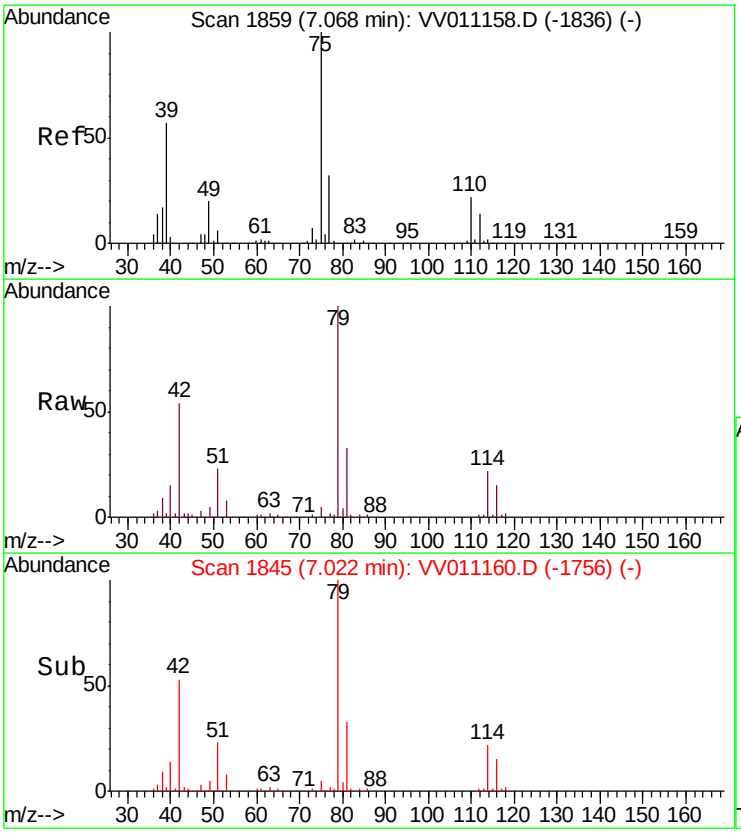
#21
2-Butanone
Concen: 5.793 ug/L
RT: 4.02 min Scan# 911
Delta R.T. 0.01 min
Lab File: VV011160.D
Acq: 31 May 2019 04:16

Instrument :
MSVOA_V
ClientSampleId :
A51E0RE

Tgt Ion: 43 Resp: 14449

Ion	Ratio	Lower	Upper
43	100		
72	11.2	11.1	33.3

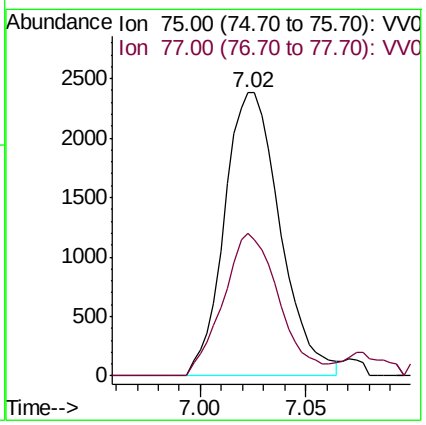


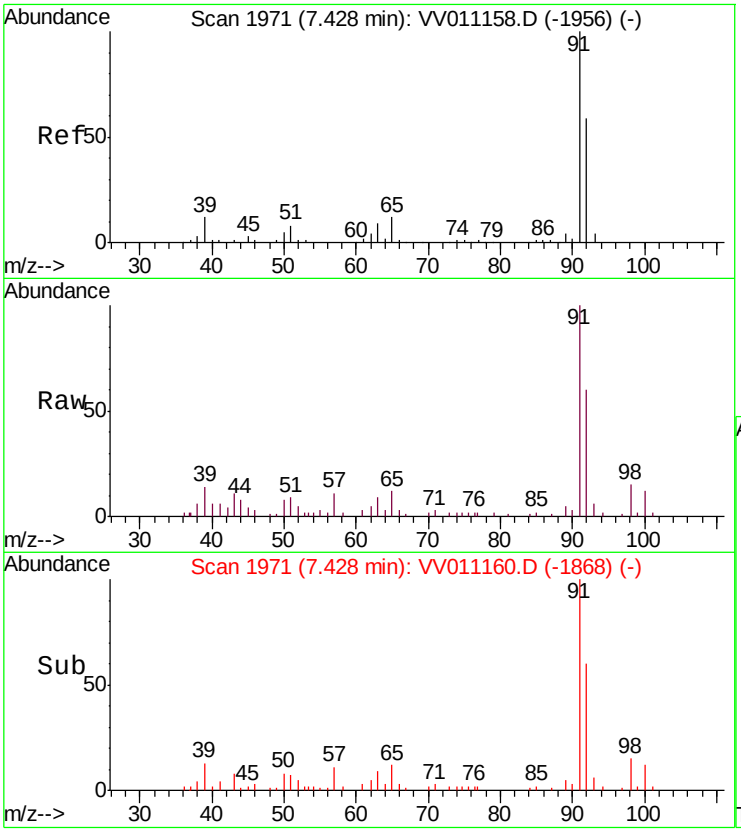


#42
cis-1,3-Dichloropropene
Concen: 0.613 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.05 min
Lab File: VV011160.D
Acq: 31 May 2019 04:16

Tgt Ion: 75 Resp: 4374

Ion	Ratio	Lower	Upper
75	100		
77	50.6	21.3	39.6#



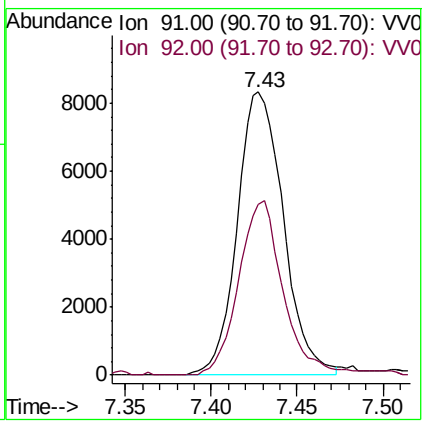


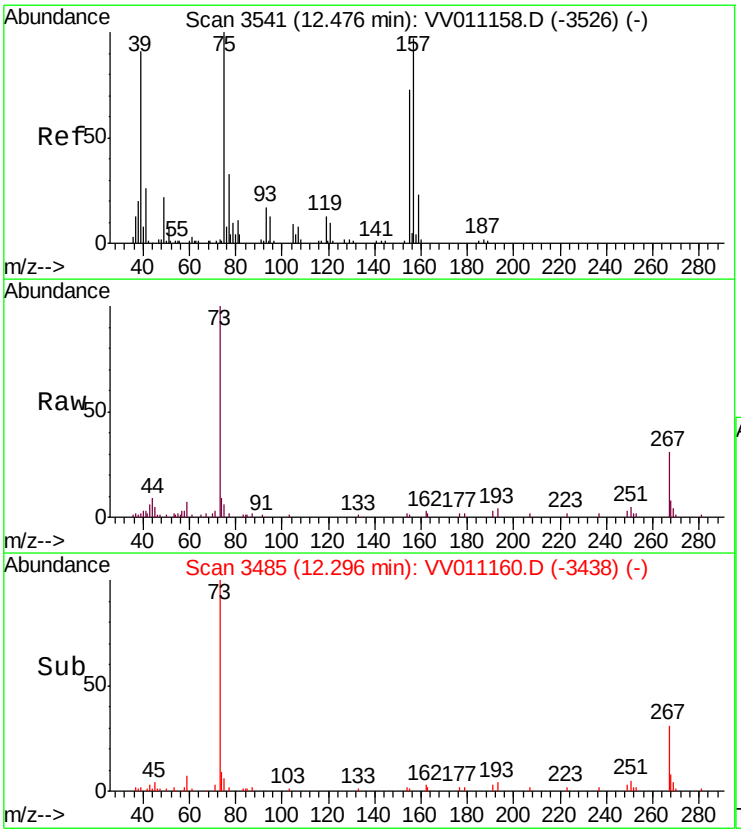
#44
Toluene
Concen: 0.833 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV011160.D
Acq: 31 May 2019 04:16

Instrument :
MSVOA_V
ClientSampleId :
A51E0RE

Tgt Ion: 91 Resp: 15540

Ion	Ratio	Lower	Upper
91	100		
92	60.4	39.9	74.1





#66
1,2-Dibromo-3-chloropropane
Concen: 2.270 ug/L
RT: 12.30 min Scan# 3485
Delta R.T. -0.18 min
Lab File: VV011160.D
Acq: 31 May 2019 04:16

Tgt Ion: 75 Resp: 1037

Ion	Ratio	Lower	Upper
75	100		
157	0.0	79.6	119.4#
155	20.4	62.4	93.6#