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

Quantitation Report (Not Reviewed)

Data File : VV011168.D
Acq On : 31 May 2019 08:01
Operator : SY/MD
Sample : K3017-16
Misc : 4.56G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51E9RE

Quant Time: May 31 08:26:09 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	233187	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	177047	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	42507	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	68663	21.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.04%			
7) Chloroethane-d5	1.56	69	58654	24.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.72%			
10) 1,1-Dichloroethene-d2	2.12	63	104933	16.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.80%			
20) 2-Butanone-d5	3.93	46	59402	51.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.02%			
24) Chloroform-d	4.39	84	143048	25.10	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.40%			
26) 1,2-Dichloroethane-d4	5.08	65	91941	24.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.00%			
29) Benzene-d6	5.09	84	292310	30.40	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 121.60%			
33) 1,2-Dichloropropane-d6	6.11	67	95102	30.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 123.48%#			
37) Toluene-d8	7.36	98	243504	26.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.36%			
38) trans-1,3-Dichloropropene-	7.66	79	32105	23.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.12%			
39) 2-Hexanone-d5	8.13	63	42111	60.14	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.28%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	66537	23.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.84%			
61) 1,2-Dichlorobenzene-d4	11.67	152	37003	23.26	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.04%			
Target Compounds						Qvalue
6) Bromomethane	1.51	94	3201	1.618	ug/L	98
13) Acetone	2.18	43	137275	102.329	ug/L	97
15) Methyl Acetate	2.45	43	126792	62.812	ug/L	97
16) Methylene chloride	2.53	84	5853	1.647	ug/L	89
21) 2-Butanone	4.02	43	19046	12.102	ug/L	91
42) cis-1,3-Dichloropropene	7.03	75	3146	0.717	ug/L #	78
43) 4-Methyl-2-pentanone	7.27	43	7898	3.151	ug/L	96
44) Toluene	7.43	91	10363	0.905	ug/L	87
69) Naphthalene	13.55	128	5166	1.521	ug/L	100

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

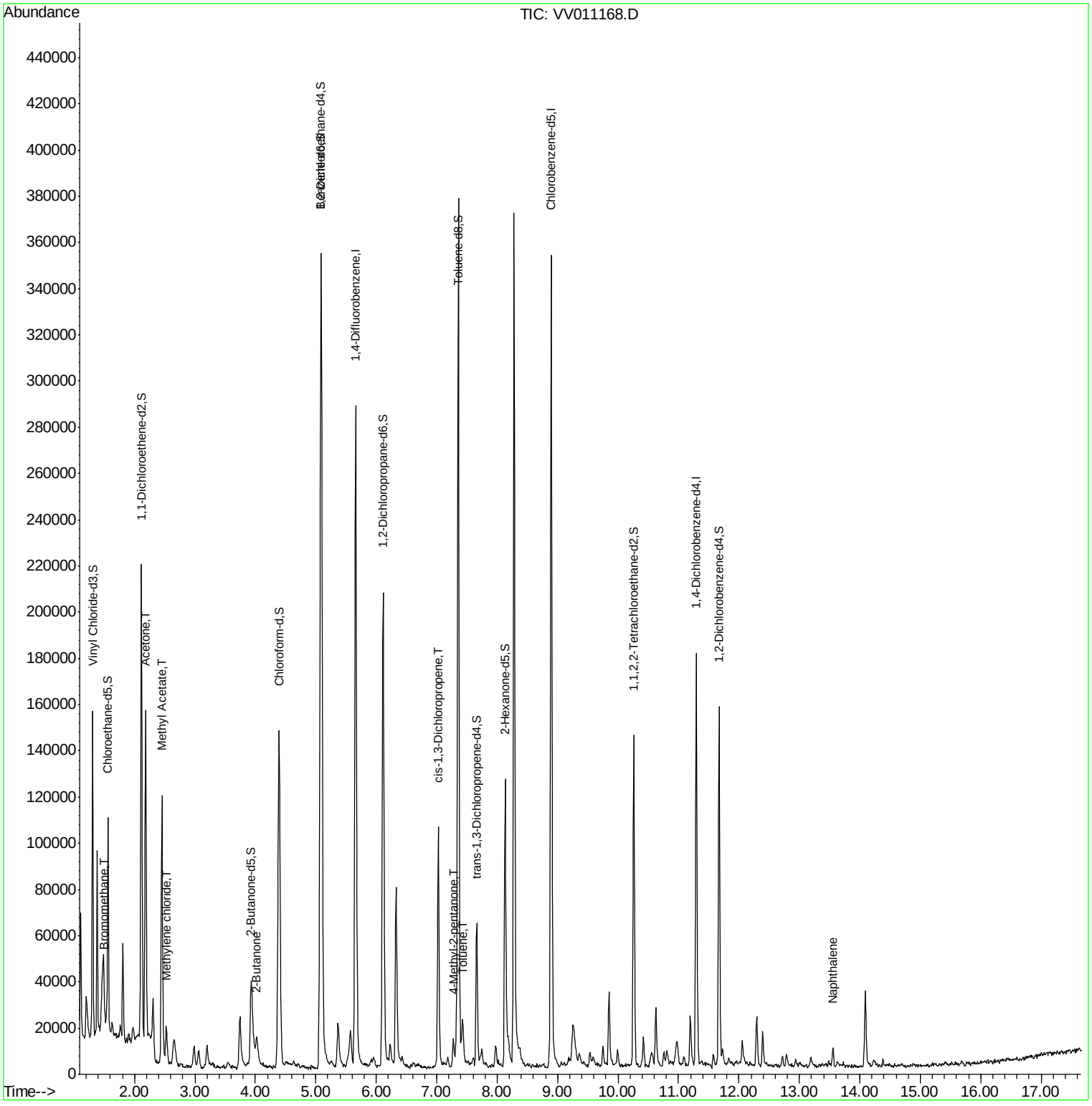
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\

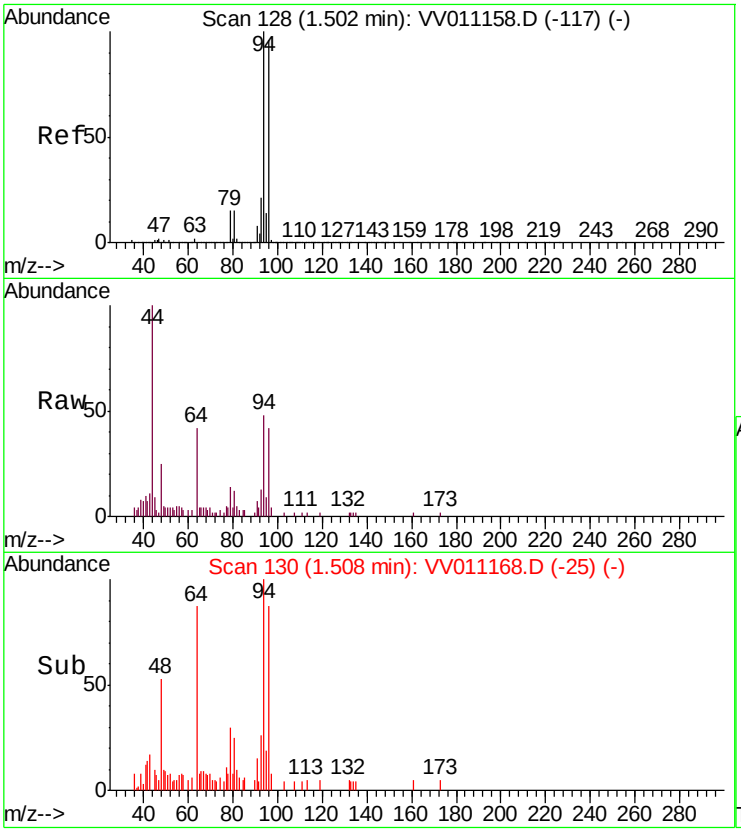
Quantitation Report (Not Reviewed)

Data File : VV011168.D
Acq On : 31 May 2019 08:01
Operator : SY/MD
Sample : K3017-16
Misc : 4.56G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51E9RE

Quant Time: May 31 08:26:09 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



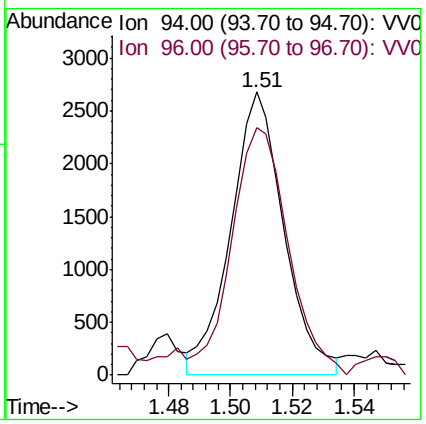


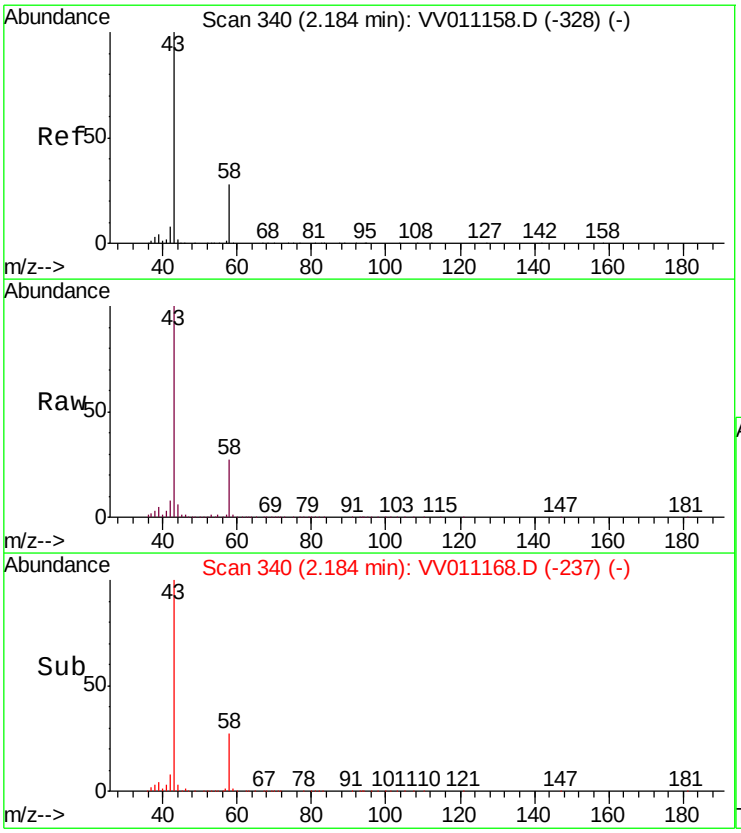
#6
Bromomethane
Concen: 1.618 ug/L
RT: 1.51 min Scan# 130
Delta R.T. 0.01 min
Lab File: VV011168.D
Acq: 31 May 2019 08:01

Instrument :
MSVOA_V
ClientSampleId :
A51E9RE

Tgt Ion: 94 Resp: 3201

Ion	Ratio	Lower	Upper
94	100		
96	92.8	9.4	179.5

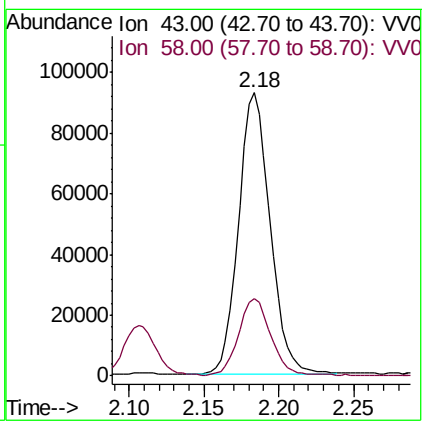


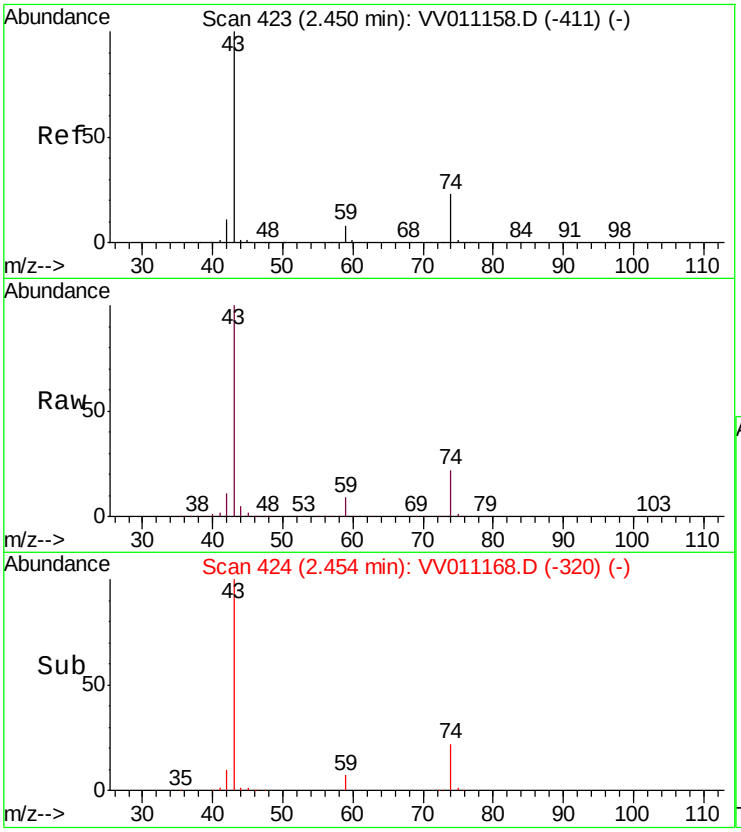


#13
Acetone
Concen: 102.329 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV011168.D
Acq: 31 May 2019 08:01

Tgt Ion: 43 Resp: 137275

Ion	Ratio	Lower	Upper
43	100		
58	28.3	0.0	53.8



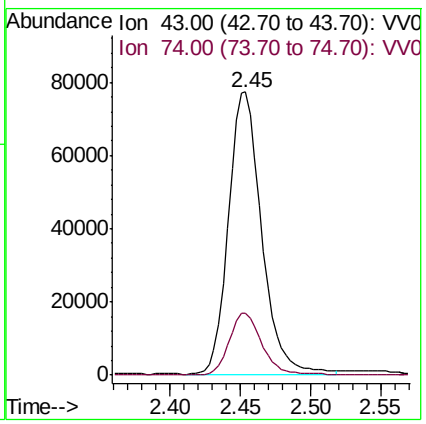


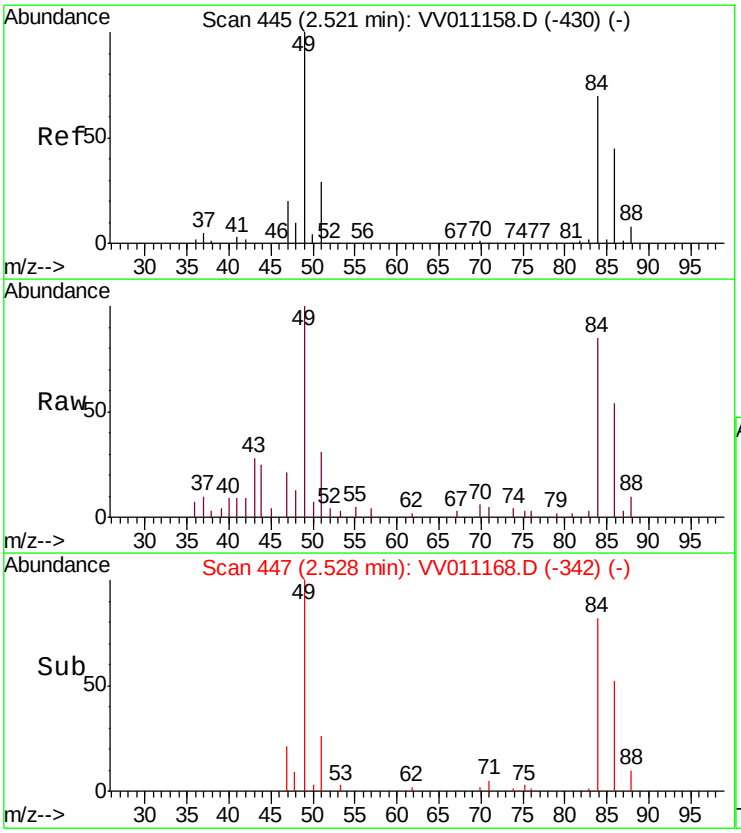
#15
Methyl Acetate
Concen: 62.812 ug/L
RT: 2.45 min Scan# 424
Delta R.T. 0.00 min
Lab File: VV011168.D
Acq: 31 May 2019 08:01

Instrument :
MSVOA_V
ClientSampleId :
A51E9RE

Tgt Ion: 43 Resp: 126792

Ion	Ratio	Lower	Upper
43	100		
74	21.8	16.2	24.4

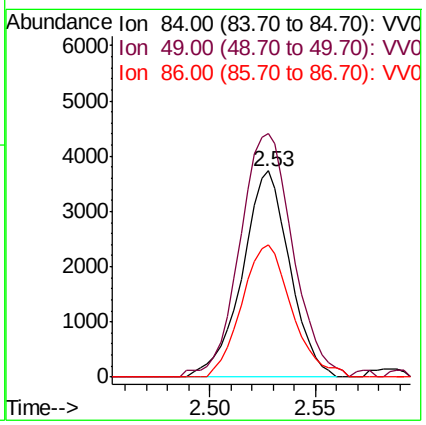


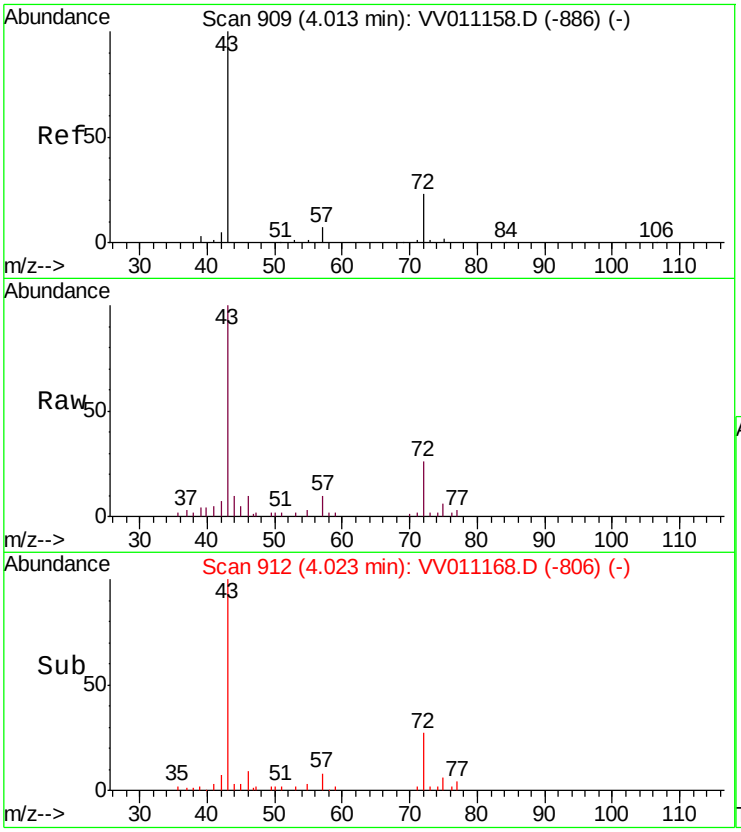


#16
Methylene chloride
Concen: 1.647 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV011168.D
Acq: 31 May 2019 08:01

Tgt Ion: 84 Resp: 5853

Ion	Ratio	Lower	Upper
84	100		
49	118.0	96.1	178.5
86	64.2	45.0	83.6



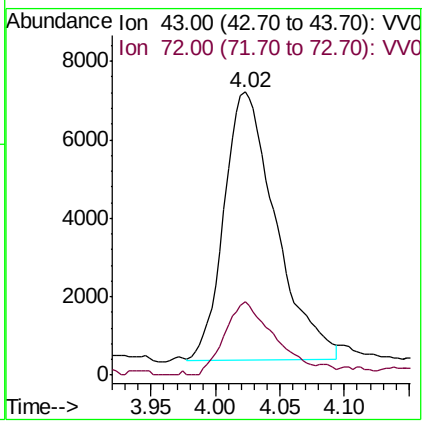


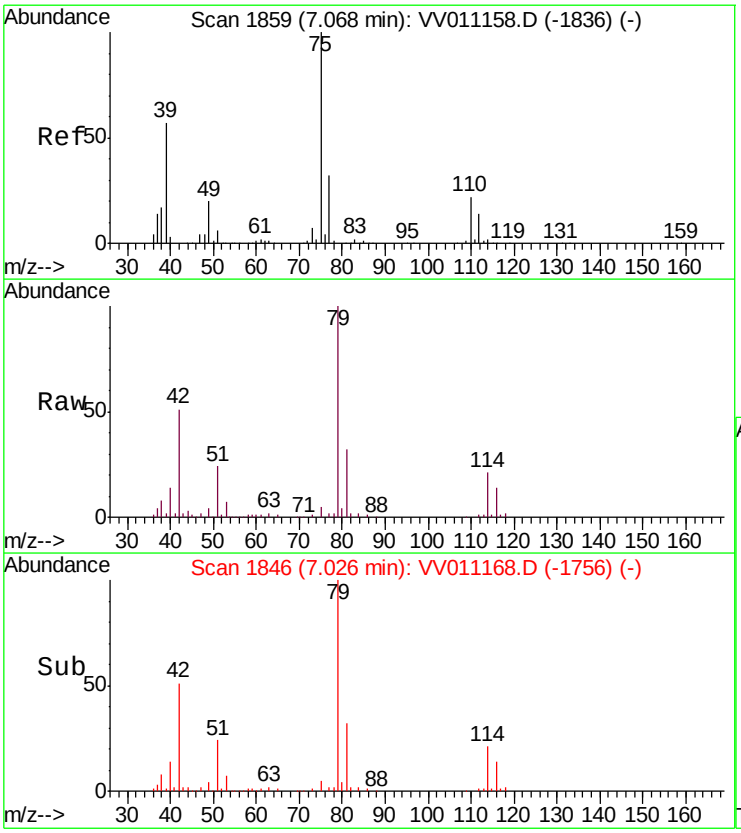
#21
2-Butanone
Concen: 12.102 ug/L
RT: 4.02 min Scan# 912
Delta R.T. 0.01 min
Lab File: VV011168.D
Acq: 31 May 2019 08:01

Instrument :
MSVOA_V
ClientSampleId :
A51E9RE

Tgt Ion: 43 Resp: 19046

Ion	Ratio	Lower	Upper
43	100		
72	26.4	11.1	33.3

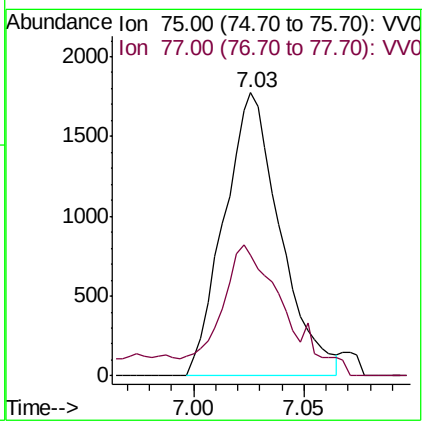


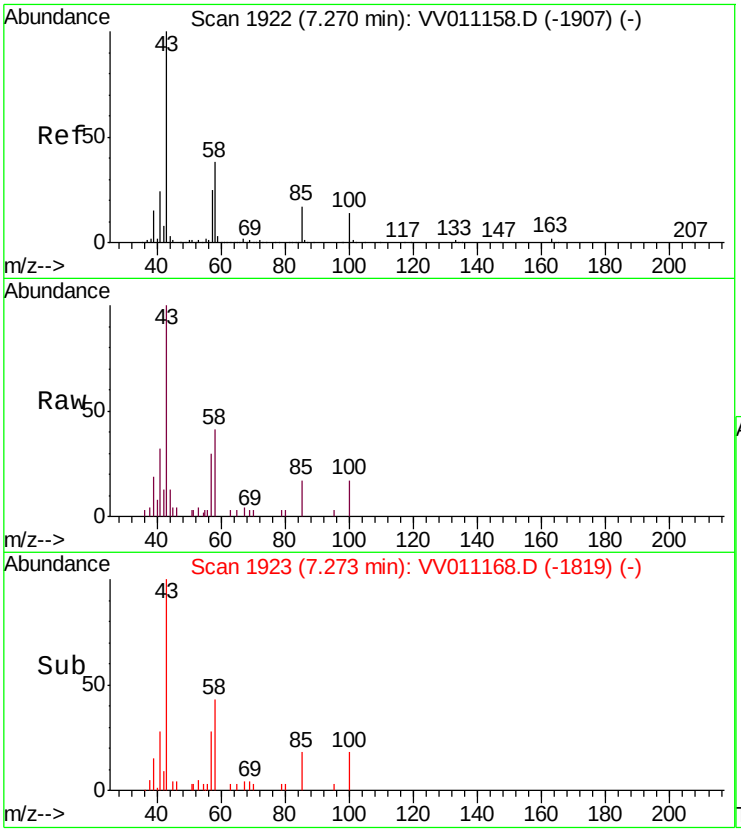


#42
cis-1,3-Dichloropropene
Concen: 0.717 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV011168.D
Acq: 31 May 2019 08:01

Tgt Ion: 75 Resp: 3146

Ion	Ratio	Lower	Upper
75	100		
77	42.6	21.3	39.6#



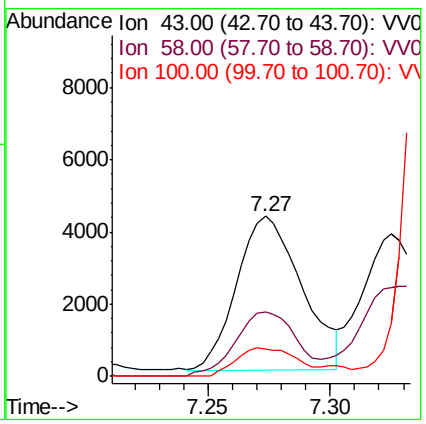


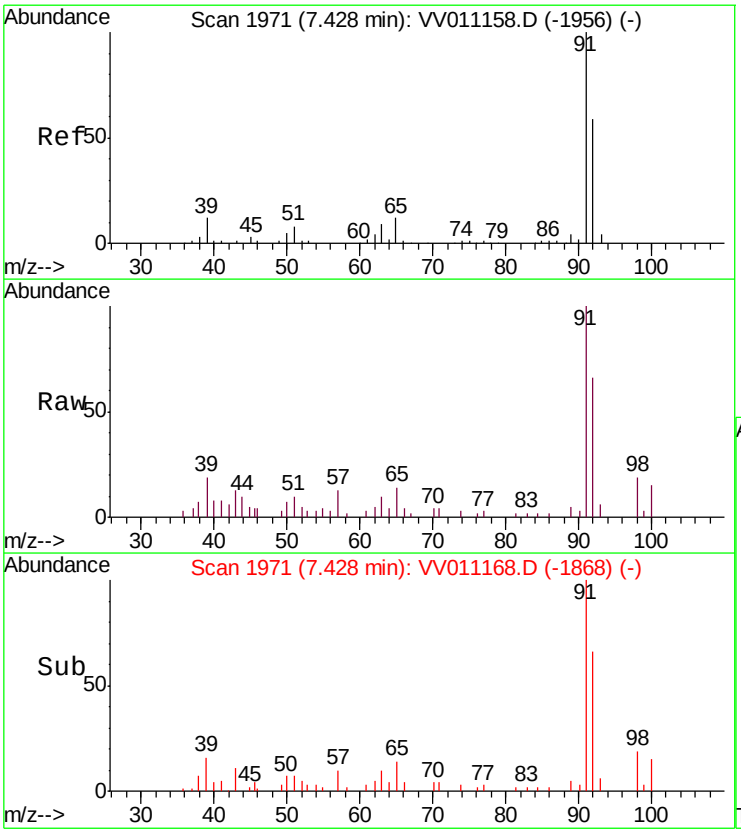
#43
4-Methyl-2-pentanone
Concen: 3.151 ug/L
RT: 7.27 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VV011168.D
Acq: 31 May 2019 08:01

Instrument : MSVOA_V
ClientSampleId : A51E9RE

Tgt Ion: 43 Resp: 7898

Ion	Ratio	Lower	Upper
43	100		
58	39.3	30.2	45.4
100	16.7	11.3	16.9

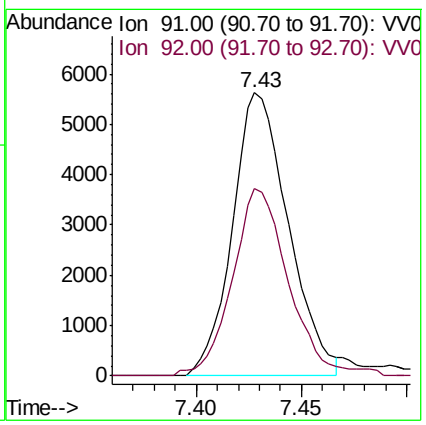


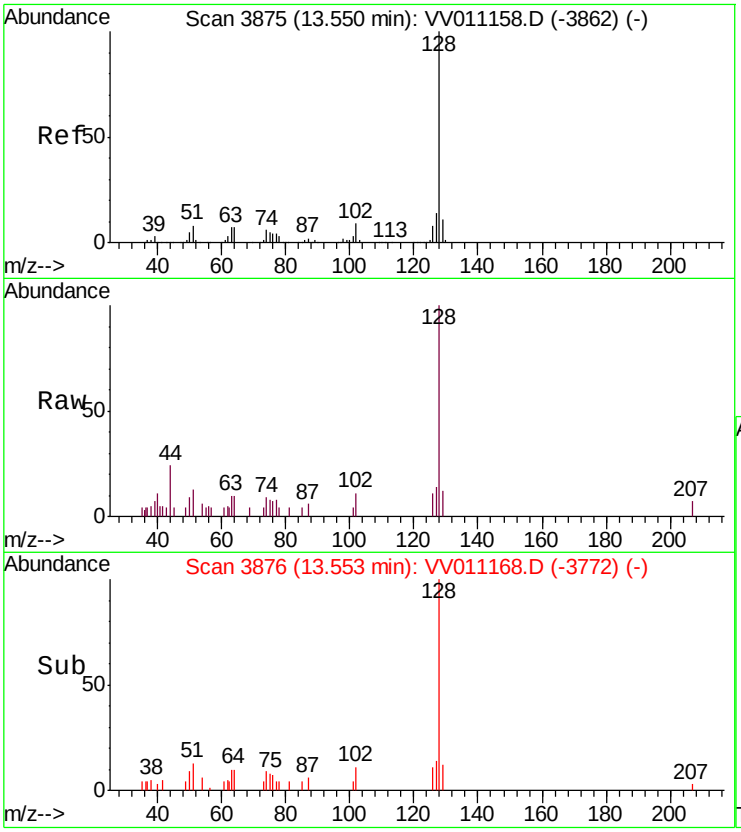


#44
Toluene
Concen: 0.905 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV011168.D
Acq: 31 May 2019 08:01

Tgt Ion: 91 Resp: 10363

Ion	Ratio	Lower	Upper
91	100		
92	66.4	39.9	74.1





#69
Naphthalene
Concen: 1.521 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV011168.D
Acq: 31 May 2019 08:01

Instrument :
MSVOA_V
ClientSampleId :
A51E9RE

Tgt Ion:128 Resp: 5166

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.4	10.6	16.0