Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010101.D
Acq On : 03 Apr 2019 19:48
Operator : SY/MD
Sample : K2148-10
Misc : 3.92G/10mL/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5F7RE

Quant Time: Apr 04 06:06:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	7548	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.91	117	3917	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	279	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	2629	26.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.08%			
7) Chloroethane-d5	1.59	69	2275	18.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.52%			
10) 1,1-Dichloroethene-d2	2.14	63	4151	16.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.12%			
20) 2-Butanone-d5	3.97	46	417	14.50	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery = 29.00%			
24) Chloroform-d	4.41	84	3042	16.00	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 64.00%			
26) 1,2-Dichloroethane-d4	5.09	65	3431	32.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 129.00%			
29) Benzene-d6	5.11	84	9998	49.22	ug/L	0.01
Spiked Amount 25.000	Range 20 - 135		Recovery = 196.88%#			
33) 1,2-Dichloropropane-d6	6.12	67	3237	54.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 216.00%#			
37) Toluene-d8	7.37	98	6384	32.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 130.48%#			
38) trans-1,3-Dichloropropene-	7.69	79	83	3.24	ug/L	0.03
Spiked Amount 25.000	Range 30 - 135		Recovery = 12.96%#			
39) 2-Hexanone-d5	8.19	63	121	10.06	ug/L	0.05
Spiked Amount 50.000	Range 20 - 135		Recovery = 20.12%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	1635	27.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.60%			
61) 1,2-Dichlorobenzene-d4	11.68	152	566	52.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 208.32%#			

Target Compounds						Qvalue
3) Chloromethane	1.26	50	112	1.151	ug/L #	41
6) Bromomethane	1.55	94	76	0.634	ug/L	44
13) Acetone	2.19	43	359	12.628	ug/L	61
14) Carbon disulfide	2.33	76	96	0.448	ug/L #	75
15) Methyl Acetate	2.43	43	44	0.967	ug/L #	50
16) Methylene chloride	2.54	84	813	6.131	ug/L	95
21) 2-Butanone	3.94	43	72	2.313	ug/L #	49
25) Chloroform	4.43	83	121	0.705	ug/L #	17
30) Cyclohexane	4.80	56	42	0.594	ug/L #	1
34) Benzene	5.15	78	71	0.371	ug/L	100
35) Trichloroethene	5.66	95	182	3.301	ug/L #	3
36) Methylcyclohexane	6.12	83	835	10.109	ug/L #	29
40) 1,2-Dichloropropane	6.14	63	109	2.252	ug/L #	86
43) 4-Methyl-2-pentanone	7.09	43	42	1.173	ug/L #	8
46) 1,1,2-Trichloroethane	7.72	97	48	1.118	ug/L #	16
47) Tetrachloroethene	8.03	164	616	13.348	ug/L	80
49) 2-Hexanone	8.21	43	122	4.770	ug/L #	38

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010101.D
Acq On : 03 Apr 2019 19:48
Operator : SY/MD
Sample : K2148-10
Misc : 3.92G/10mL/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5F7RE

Quant Time: Apr 04 06:06:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) Dibromochloromethane	8.05	129	53	1.102	ug/L	#	12

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010101.D
Acq On : 03 Apr 2019 19:48
Operator : SY/MD
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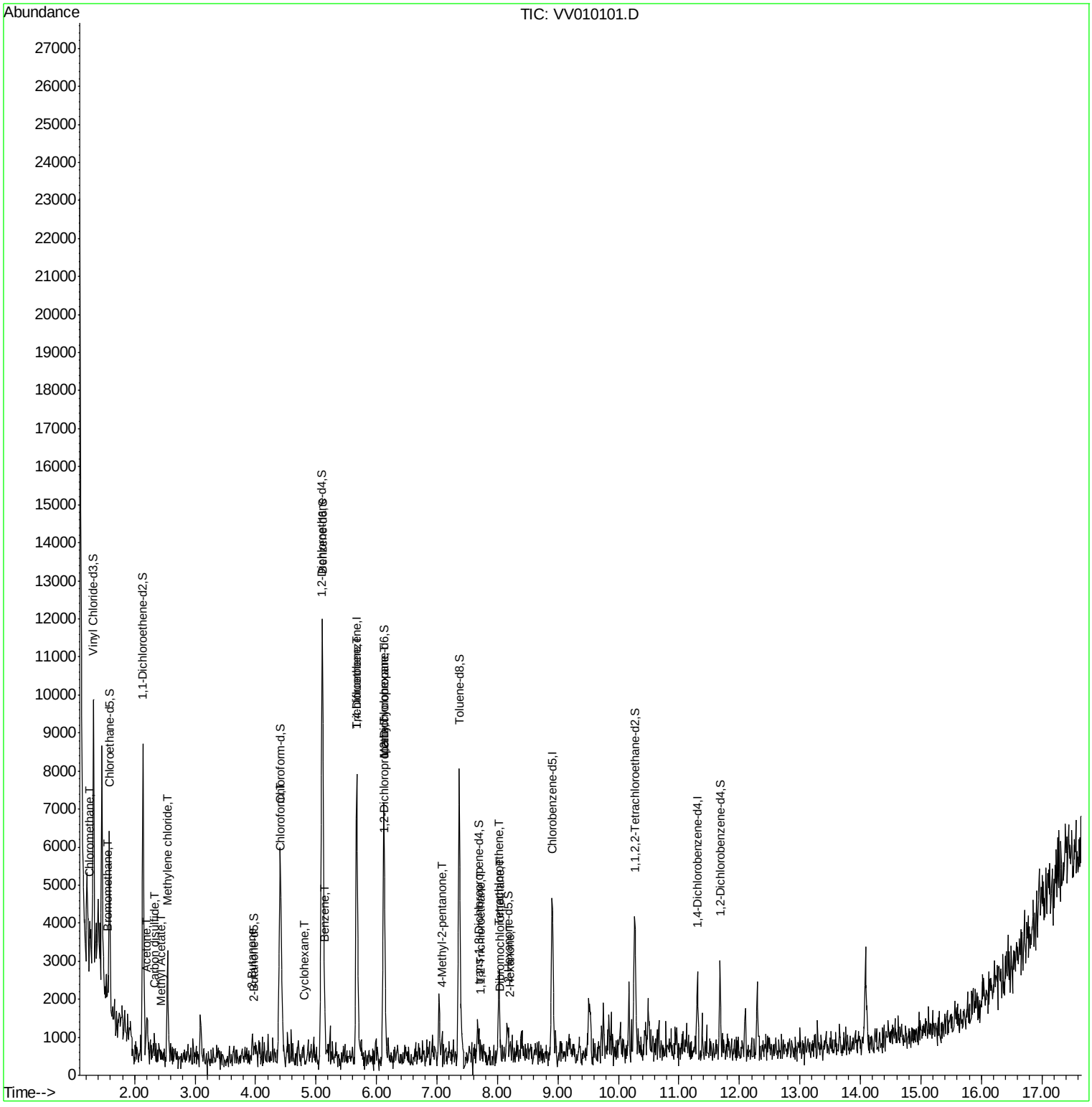
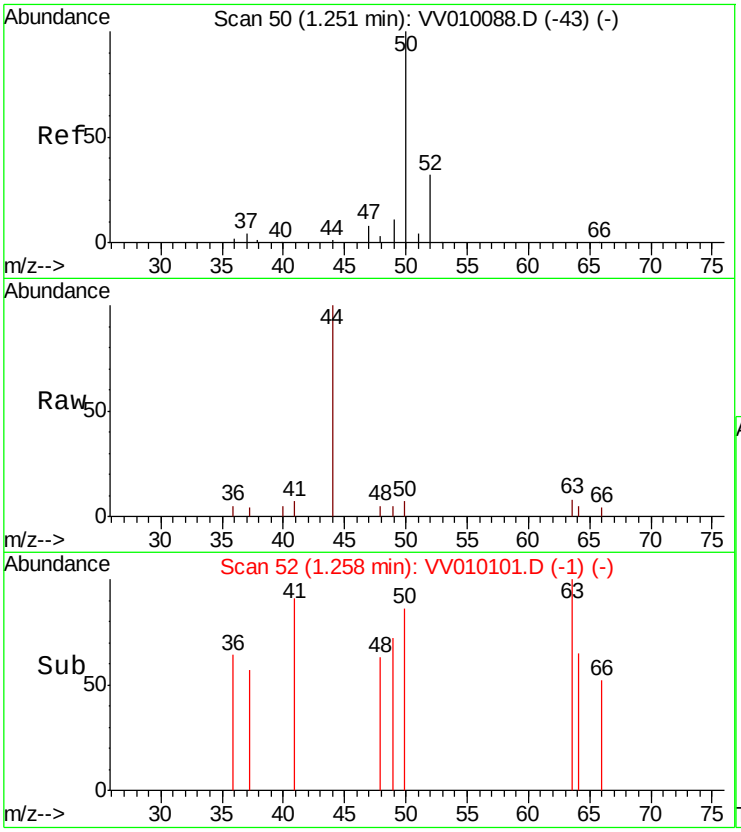
ClientSampleId :
BF5F7RE

Quant Time: Apr 04 06:06:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration



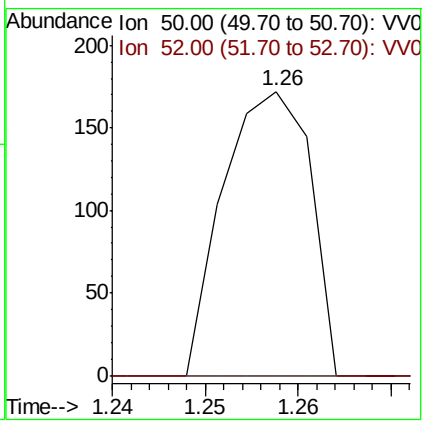


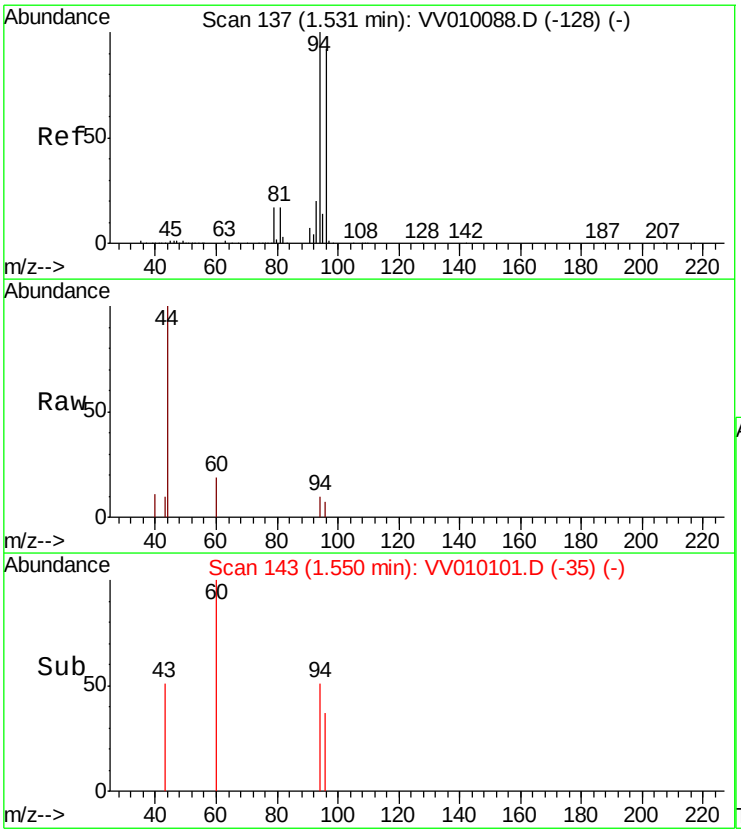
#3
Chloromethane
Concen: 1.151 ug/L
RT: 1.26 min Scan# 52
Delta R.T. 0.01 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Instrument :
MSVOA_V
ClientSampleId :
BF5F7RE

Tgt Ion: 50 Resp: 112

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.4	43.4#

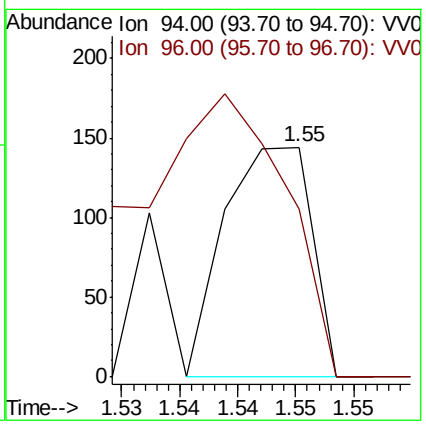


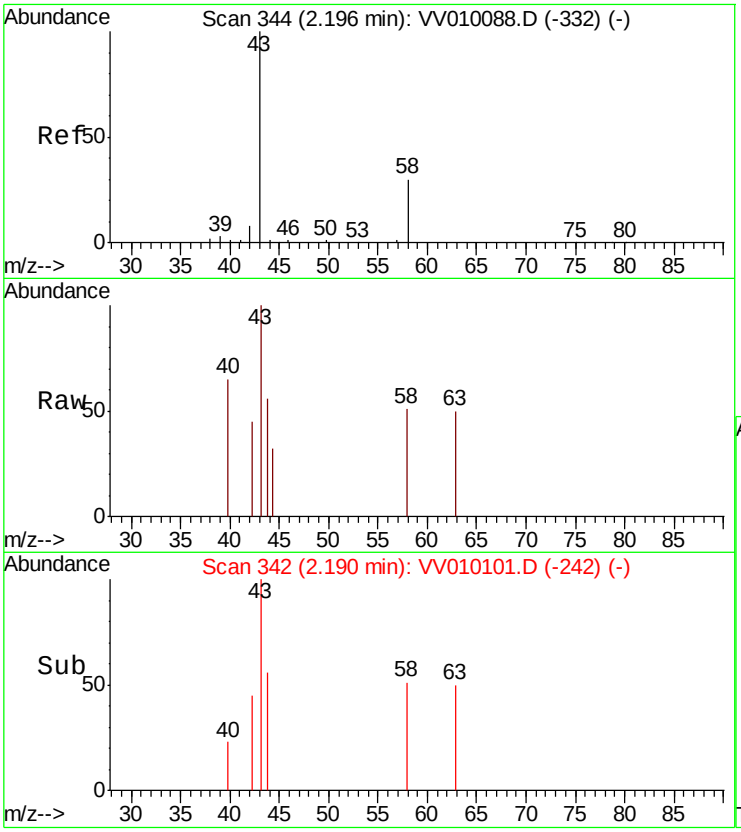


#6
Bromomethane
Concen: 0.634 ug/L
RT: 1.55 min Scan# 143
Delta R.T. 0.02 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Tgt Ion: 94 Resp: 76

Ion	Ratio	Lower	Upper
94	100		
96	147.4	9.4	177.8



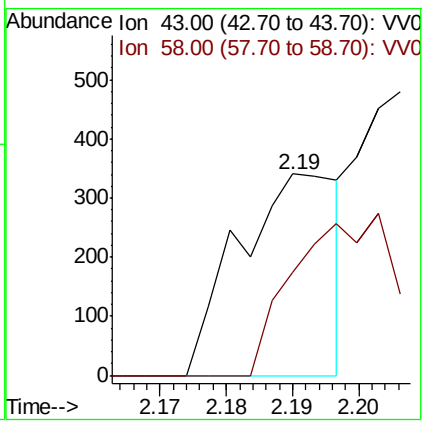


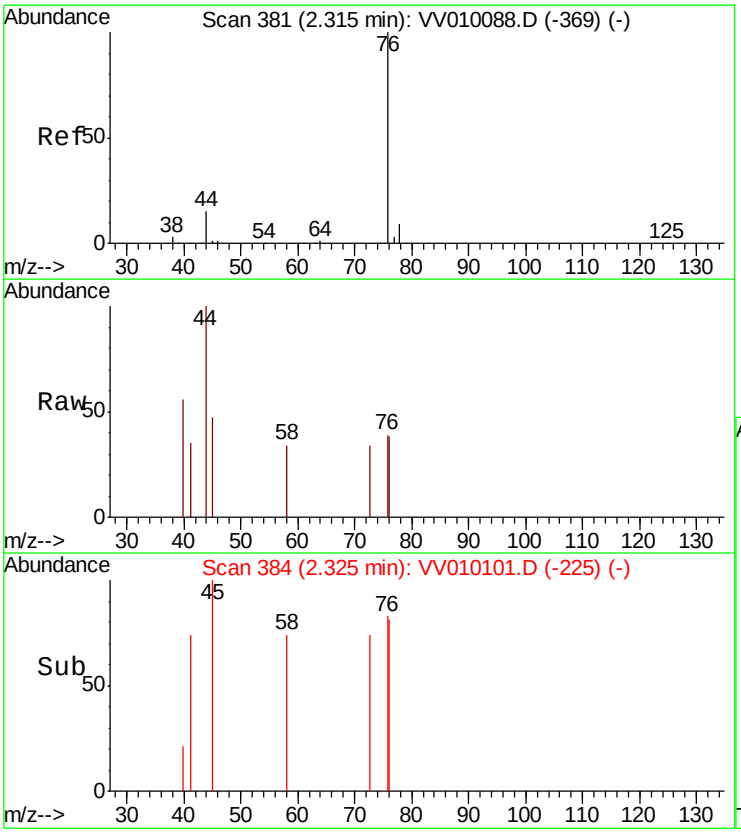
#13
Acetone
Concen: 12.628 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.01 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Instrument : MSVOA_V
ClientSampleId : BF5F7RE

Tgt Ion: 43 Resp: 359

Ion	Ratio	Lower	Upper
43	100		
58	54.0	0.0	64.6

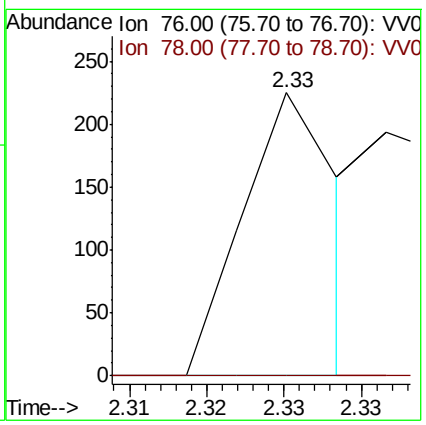


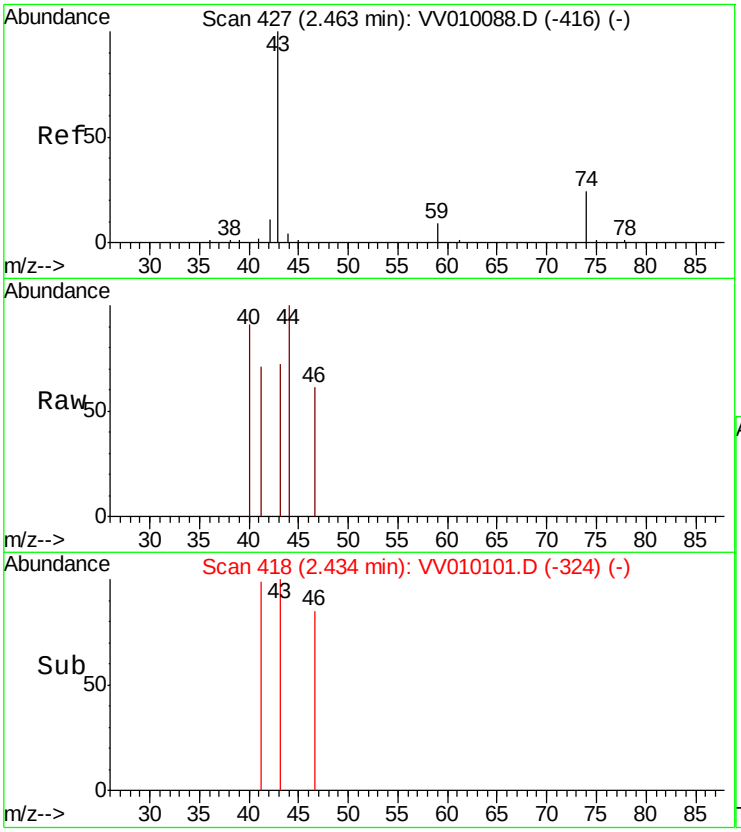


#14
Carbon disulfide
Concen: 0.448 ug/L
RT: 2.33 min Scan# 384
Delta R.T. 0.01 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Tgt Ion: 76 Resp: 96

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#



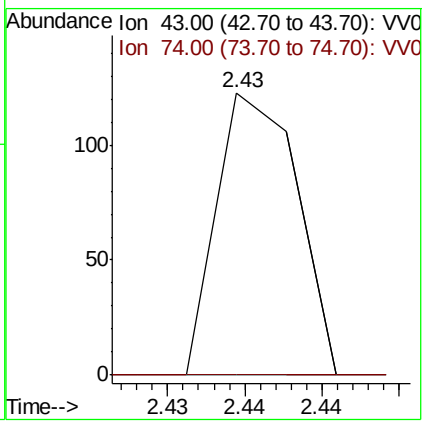


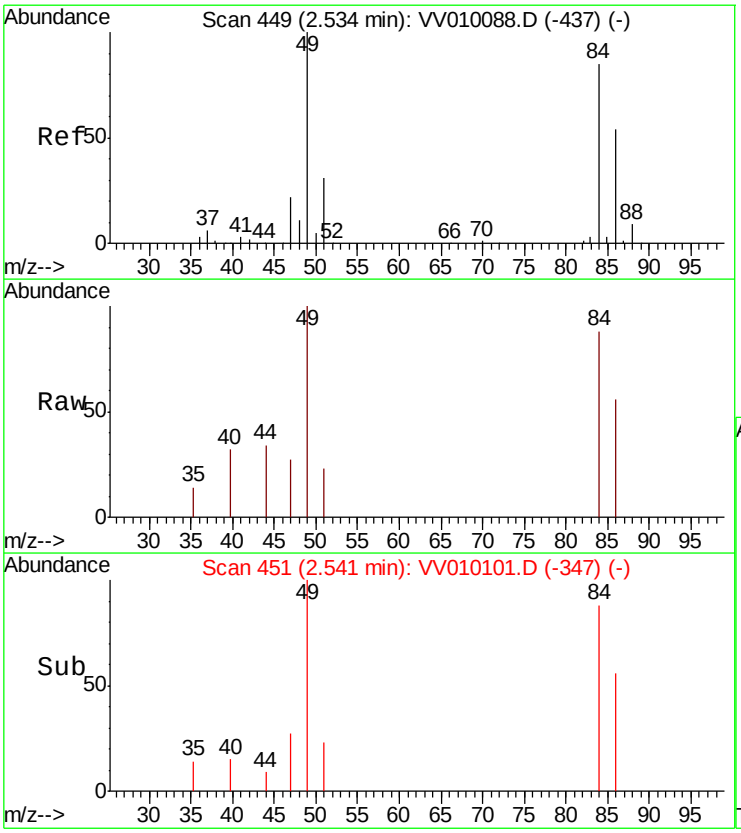
#15
Methyl Acetate
Concen: 0.967 ug/L
RT: 2.43 min Scan# 418
Delta R.T. -0.03 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Instrument :
MSVOA_V
ClientSampleId :
BF5F7RE

Tgt Ion: 43 Resp: 44

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.0	30.0#

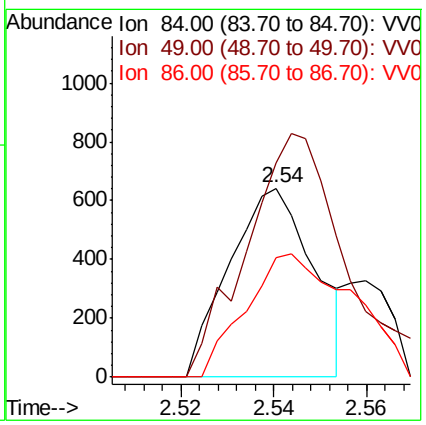


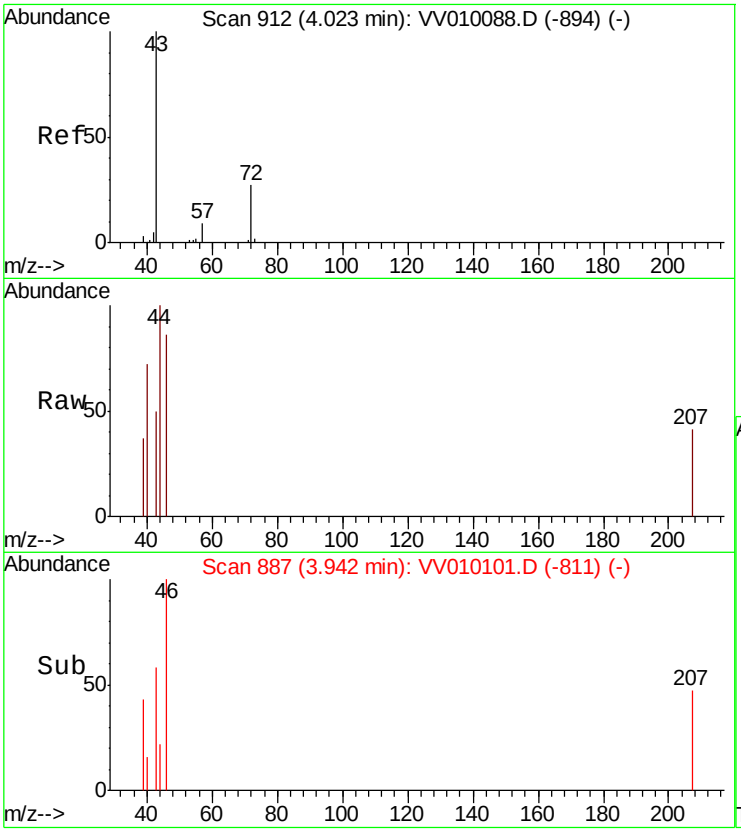


#16
Methylene chloride
Concen: 6.131 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Tgt Ion: 84 Resp: 813

Ion	Ratio	Lower	Upper
84	100		
49	113.7	84.3	156.5
86	63.4	45.4	84.2



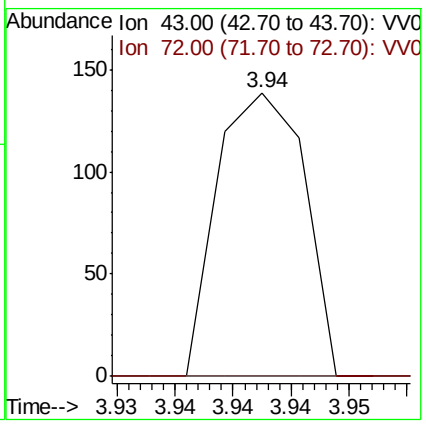


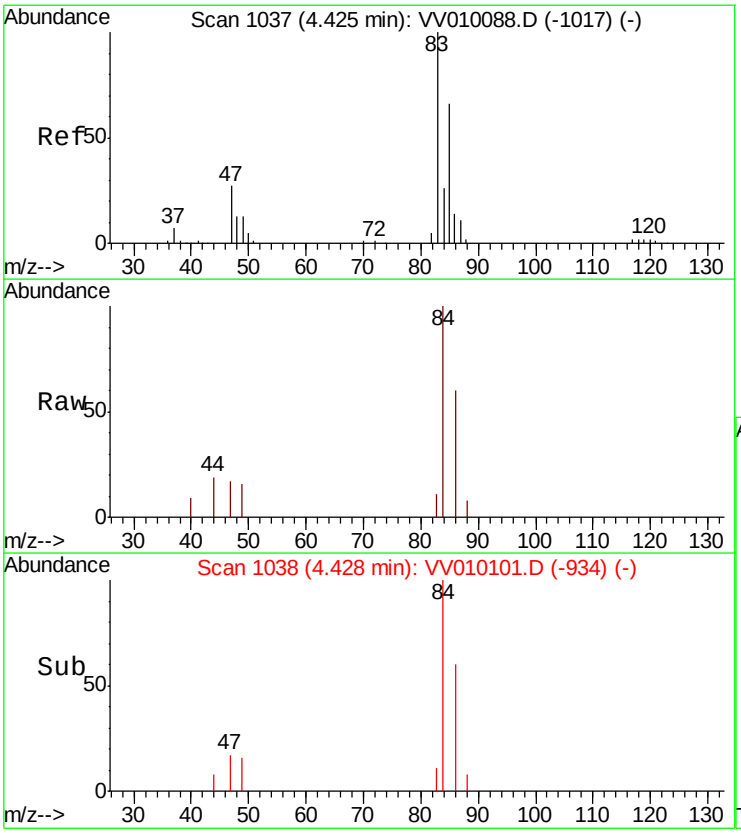
#21
2-Butanone
Concen: 2.313 ug/L
RT: 3.94 min Scan# 887
Delta R.T. -0.09 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Instrument : MSVOA_V
ClientSampleId : BF5F7RE

Tgt Ion: 43 Resp: 72

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.8	38.4#

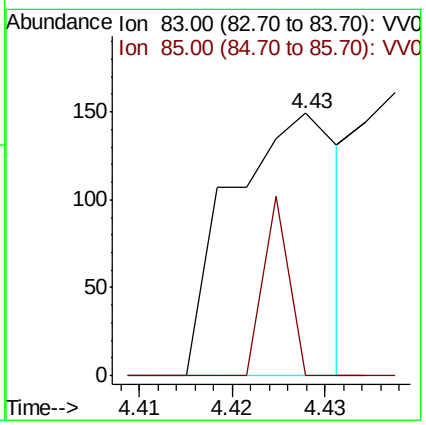


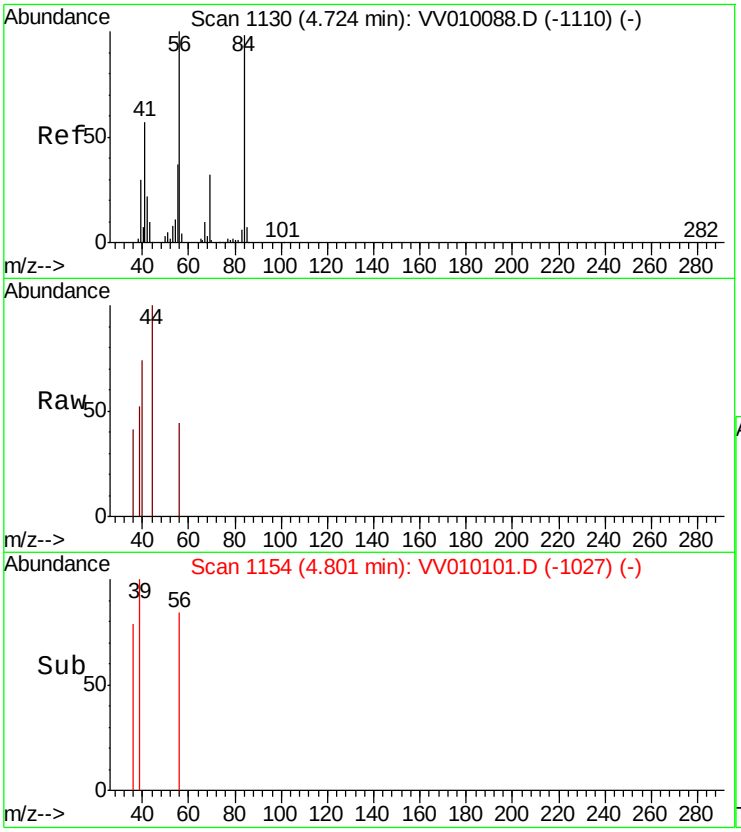


#25
Chloroform
Concen: 0.705 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Tgt Ion: 83 Resp: 121

Ion	Ratio	Lower	Upper
83	100		
85	0.0	46.4	86.2#



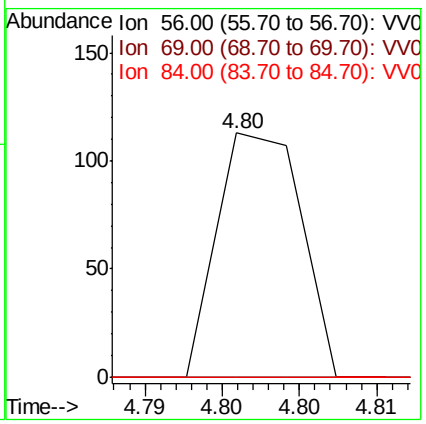


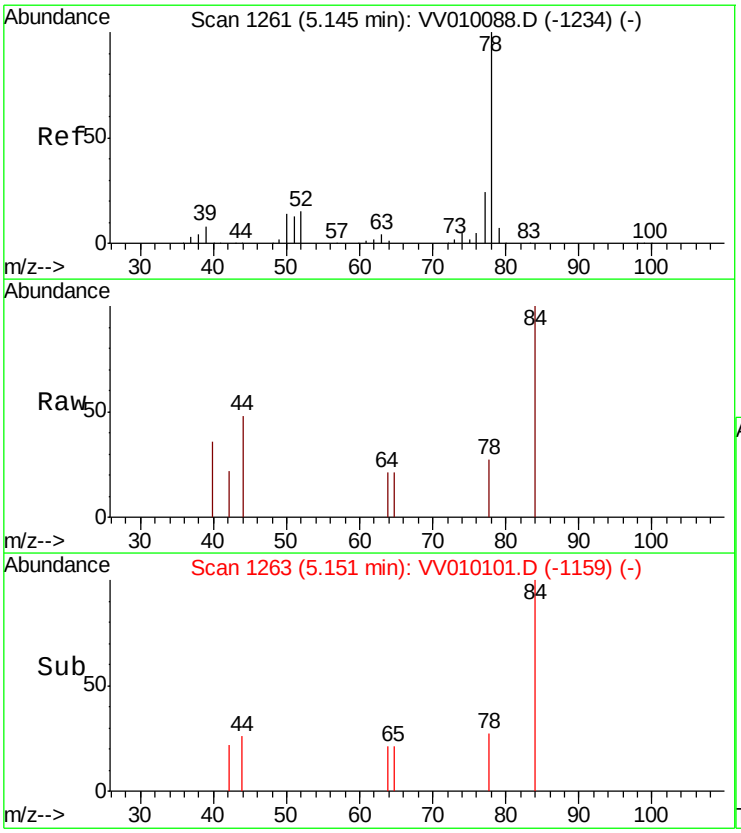
#30
Cyclohexane
Concen: 0.594 ug/L
RT: 4.80 min Scan# 1154
Delta R.T. 0.08 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Instrument : MSVOA_V
ClientSampleId : BF5F7RE

Tgt Ion: 56 Resp: 42

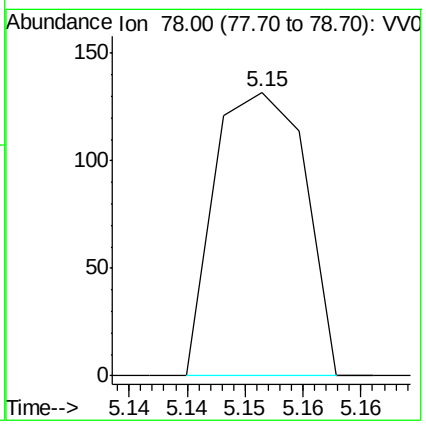
Ion	Ratio	Lower	Upper
56	100		
69	123.8	25.1	37.7#
84	0.0	76.0	114.0#

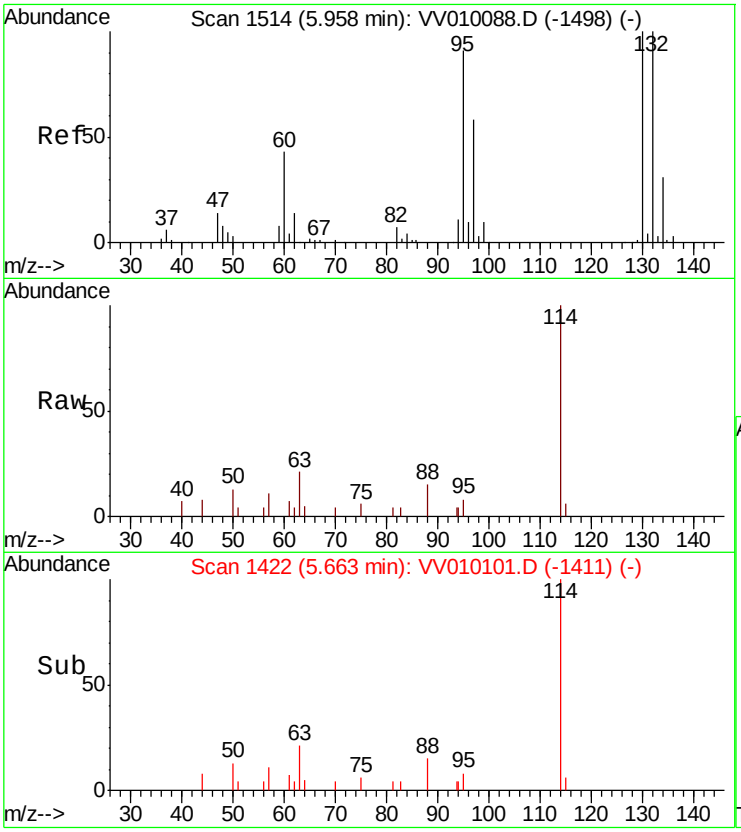




#34
Benzene
Concen: 0.371 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Tgt Ion: 78 Resp: 71



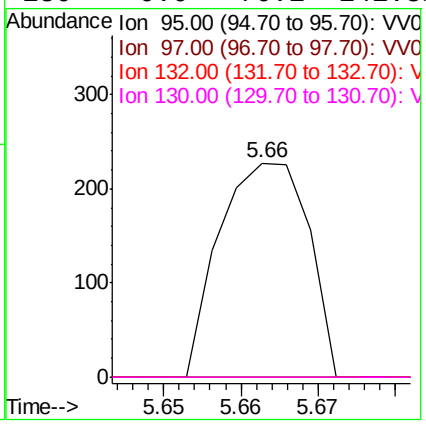


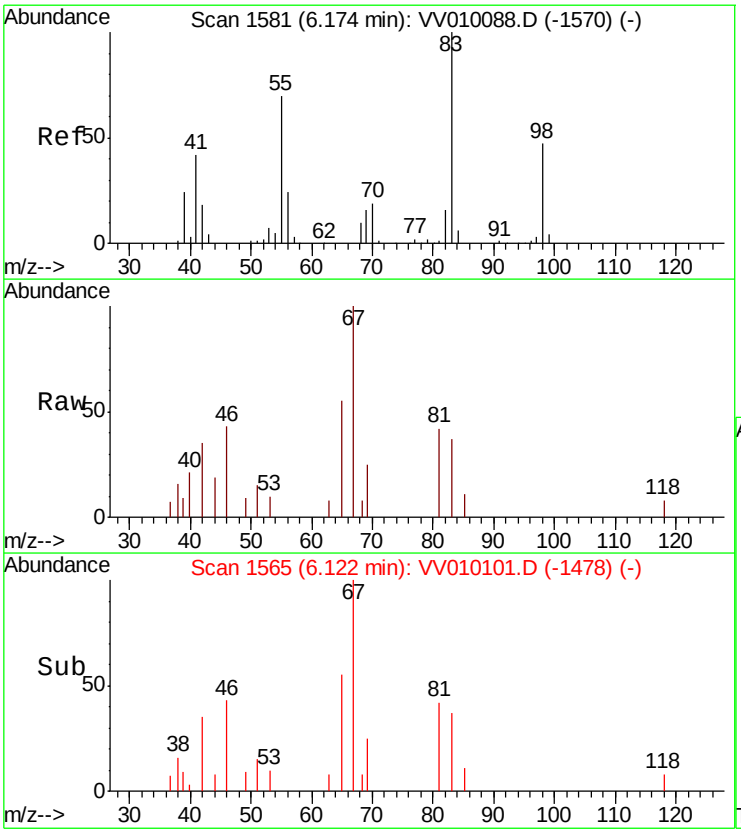
#35
Trichloroethene
Concen: 3.301 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Instrument : MSVOA_V
ClientSampleId : BF5F7RE

Tgt Ion: 95 Resp: 182

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.8	85.2#
132	0.0	70.6	131.0#
130	0.0	76.1	141.3#

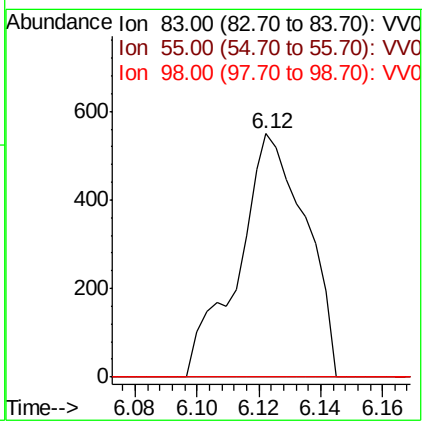


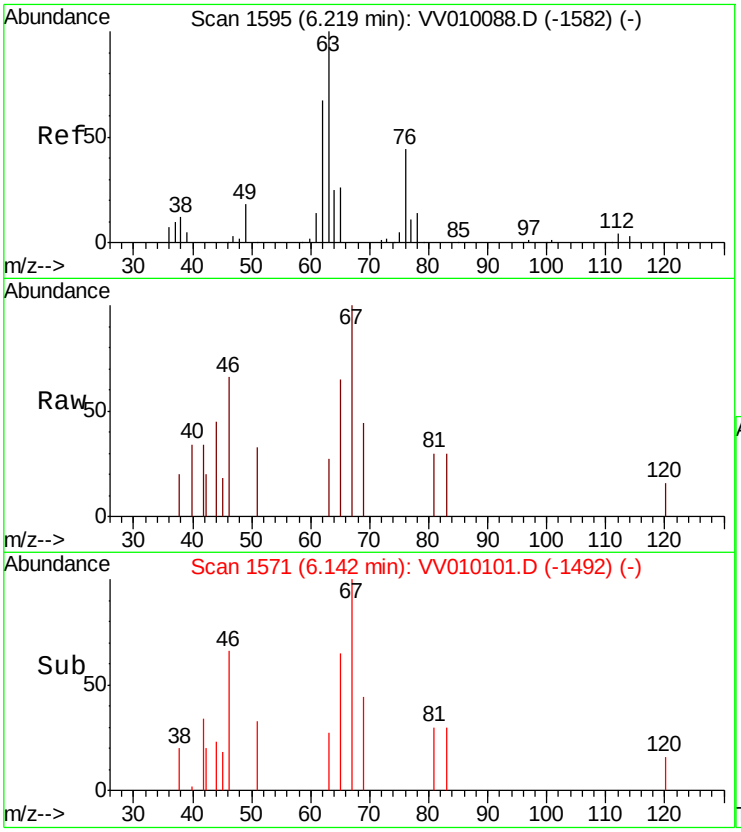


#36
Methylcyclohexane
Concen: 10.109 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Tgt Ion: 83 Resp: 835

Ion	Ratio	Lower	Upper
83	100		
55	11.7	56.3	84.5#
98	0.0	39.0	58.6#



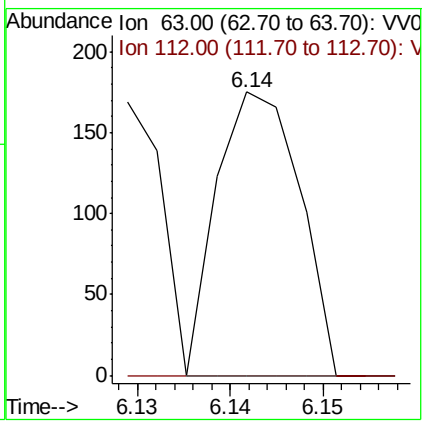


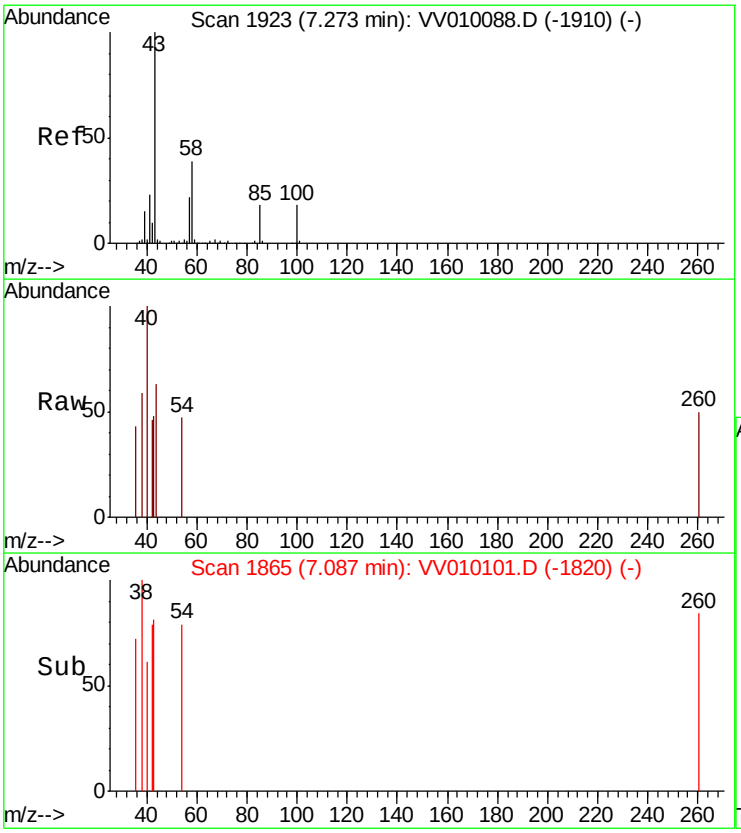
#40
1,2-Dichloropropane
Concen: 2.252 ug/L
RT: 6.14 min Scan# 1571
Delta R.T. -0.08 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Instrument :
MSVOA_V
ClientSampleId :
BF5F7RE

Tgt Ion: 63 Resp: 109

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

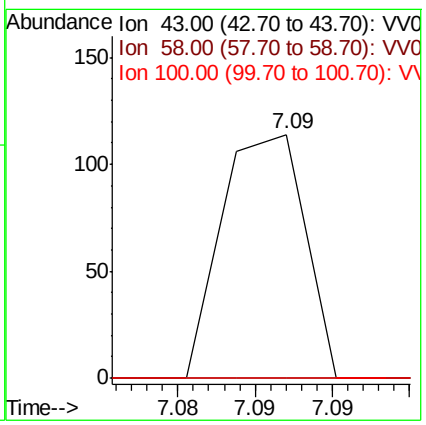


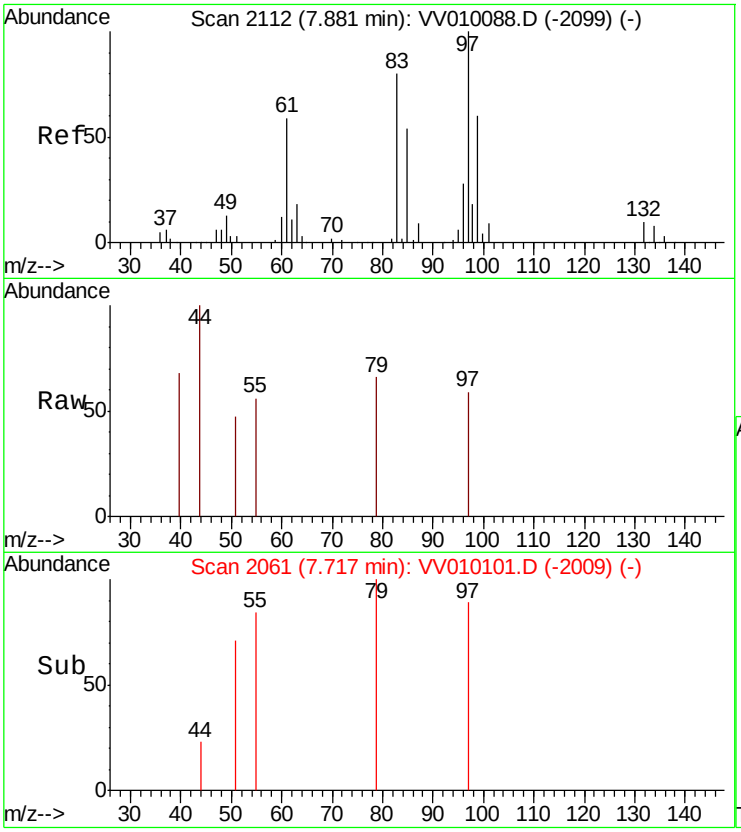


#43
4-Methyl-2-pentanone
Concen: 1.173 ug/L
RT: 7.09 min Scan# 1865
Delta R.T. -0.19 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Tgt Ion: 43 Resp: 42

Ion	Ratio	Lower	Upper
43	100		
58	109.5	31.5	47.3#
100	0.0	13.4	20.0#



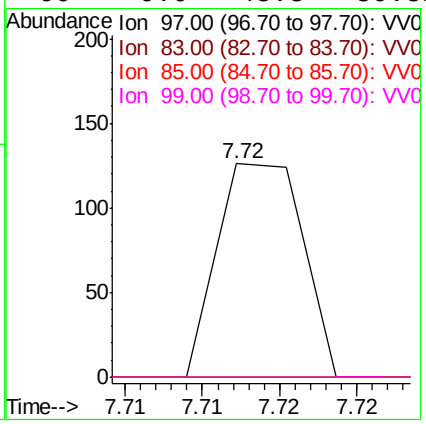


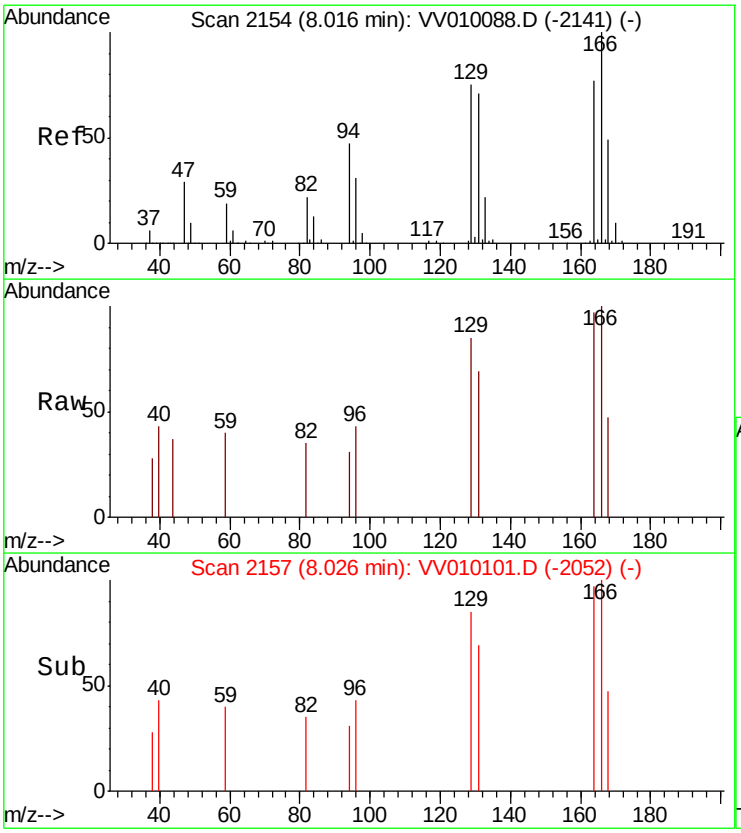
#46
1,1,2-Trichloroethane
Concen: 1.118 ug/L
RT: 7.72 min Scan# 2061
Delta R.T. -0.16 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Instrument :
MSVOA_V
ClientSampleId :
BF5F7RE

Tgt Ion: 97 Resp: 48

Ion	Ratio	Lower	Upper
97	100		
83	0.0	58.5	108.7#
85	0.0	37.2	69.2#
99	0.0	43.3	80.3#

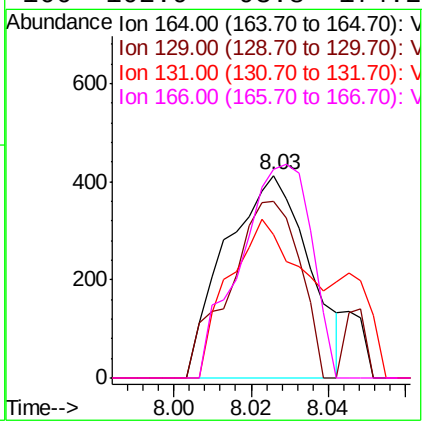


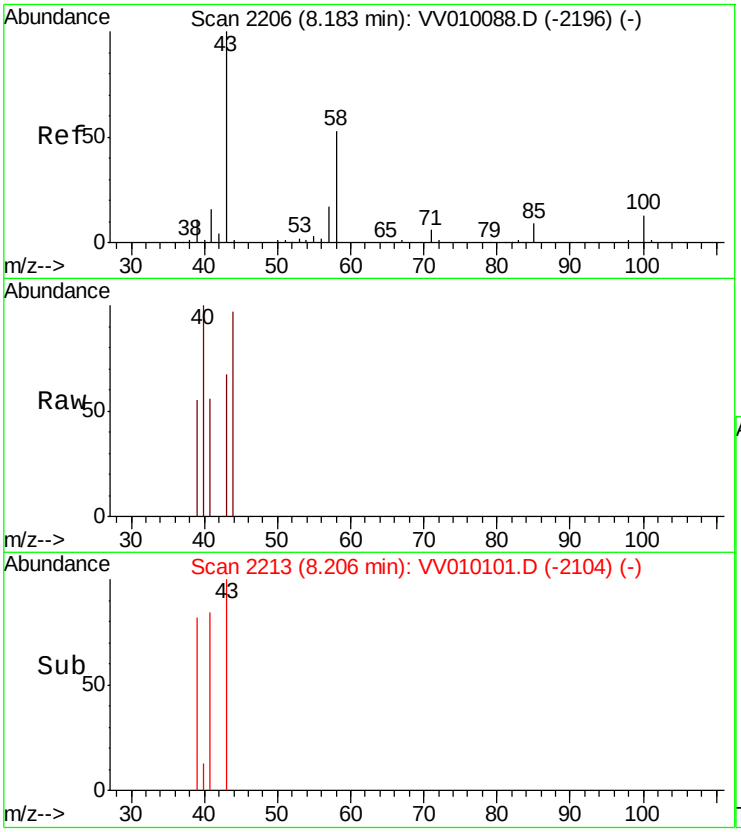


#47
Tetrachloroethene
Concen: 13.348 ug/L
RT: 8.03 min Scan# 2157
Delta R.T. 0.01 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Tgt Ion:164 Resp: 616

Ion	Ratio	Lower	Upper
164	100		
129	87.2	67.8	125.8
131	70.7	65.2	121.0
166	102.9	93.8	174.2



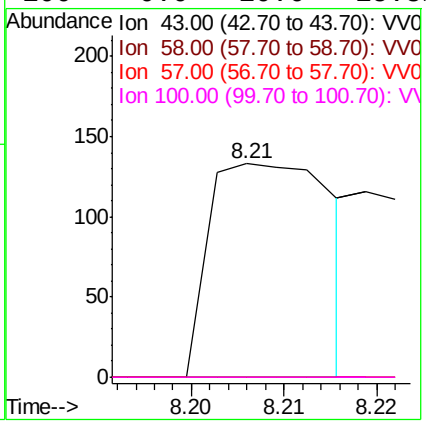


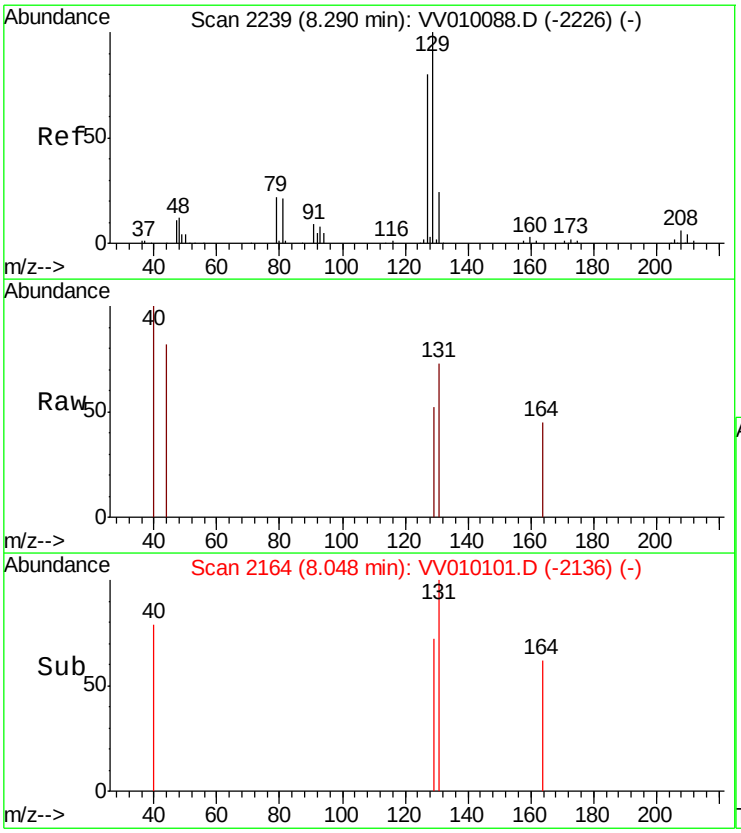
#49
2-Hexanone
Concen: 4.770 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.02 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Instrument : MSVOA_V
ClientSampleId : BF5F7RE

Tgt Ion: 43 Resp: 122

Ion	Ratio	Lower	Upper
43	100		
58	0.0	44.3	66.5#
57	0.0	13.8	20.8#
100	0.0	10.6	15.8#





#50
Dibromochloromethane
Concen: 1.102 ug/L
RT: 8.05 min Scan# 2164
Delta R.T. -0.24 min
Lab File: VV010101.D
Acq: 03 Apr 2019 19:48

Tgt Ion:129 Resp: 53

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.1	96.7#