Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122819\

Quantitation Report (Not Reviewed)

Data File : VV014212.D
Acq On : 28 Dec 2019 13:14
Operator : SY/MD
Sample : K6432-05RE
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6X3RE

Quant Time: Dec 30 00:33:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 30 00:30:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	975279	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	876757	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	418703	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	102878	2.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 45.00%			
7) Chloroethane-d5	1.59	69	154788	4.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.40%			
11) 1,1-Dichloroethene-d2	2.13	63	139543	1.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 34.00%#			
20) 2-Butanone-d5	3.92	46	522448	46.04	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.08%			
24) Chloroform-d	4.40	84	420445	3.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.40%			
26) 1,2-Dichloroethane-d4	5.08	65	205688	3.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.40%			
32) Benzene-d6	5.10	84	856333	3.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 71.40%			
36) 1,2-Dichloropropane-d6	6.12	67	273416	3.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 75.40%			
41) Toluene-d8	7.36	98	633152	2.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 56.60%#			
43) trans-1,3-Dichloropropene-	7.66	79	85639	2.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 52.80%#			
46) 2-Hexanone-d5	8.13	63	403388	32.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 65.58%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	195678	3.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 75.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	264303	3.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 70.40%#			

Target Compounds						Qvalue
3) Chloromethane	1.25	50	43357	0.647	ug/L	99
6) Bromomethane	1.54	94	7213	0.245	ug/L	100
8) Chloroethane	1.60	64	11662	0.344	ug/L	88
13) Acetone	2.19	43	107651	15.382	ug/L	97
14) Carbon disulfide	2.32	76	177562	0.942	ug/L	100
15) Methyl Acetate	2.57	43	6501	0.281	ug/L #	54
19) 1,1-Dichloroethane	3.23	63	12503	0.100	ug/L #	89
25) Chloroform	4.42	83	27743	0.219	ug/L	96
27) 1,2-Dichloroethane	5.19	62	3252	0.046	ug/L #	53
33) Benzene	5.15	78	35652	0.131	ug/L	100
34) Trichloroethene	5.96	95	54237	0.747	ug/L	98
35) Methylcyclohexane	6.12	83	62718	0.518	ug/L #	18
40) 4-Methyl-2-pentanone	7.27	43	84697	2.067	ug/L #	46

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122819\

Quantitation Report (Not Reviewed)

Data File : VV014212.D
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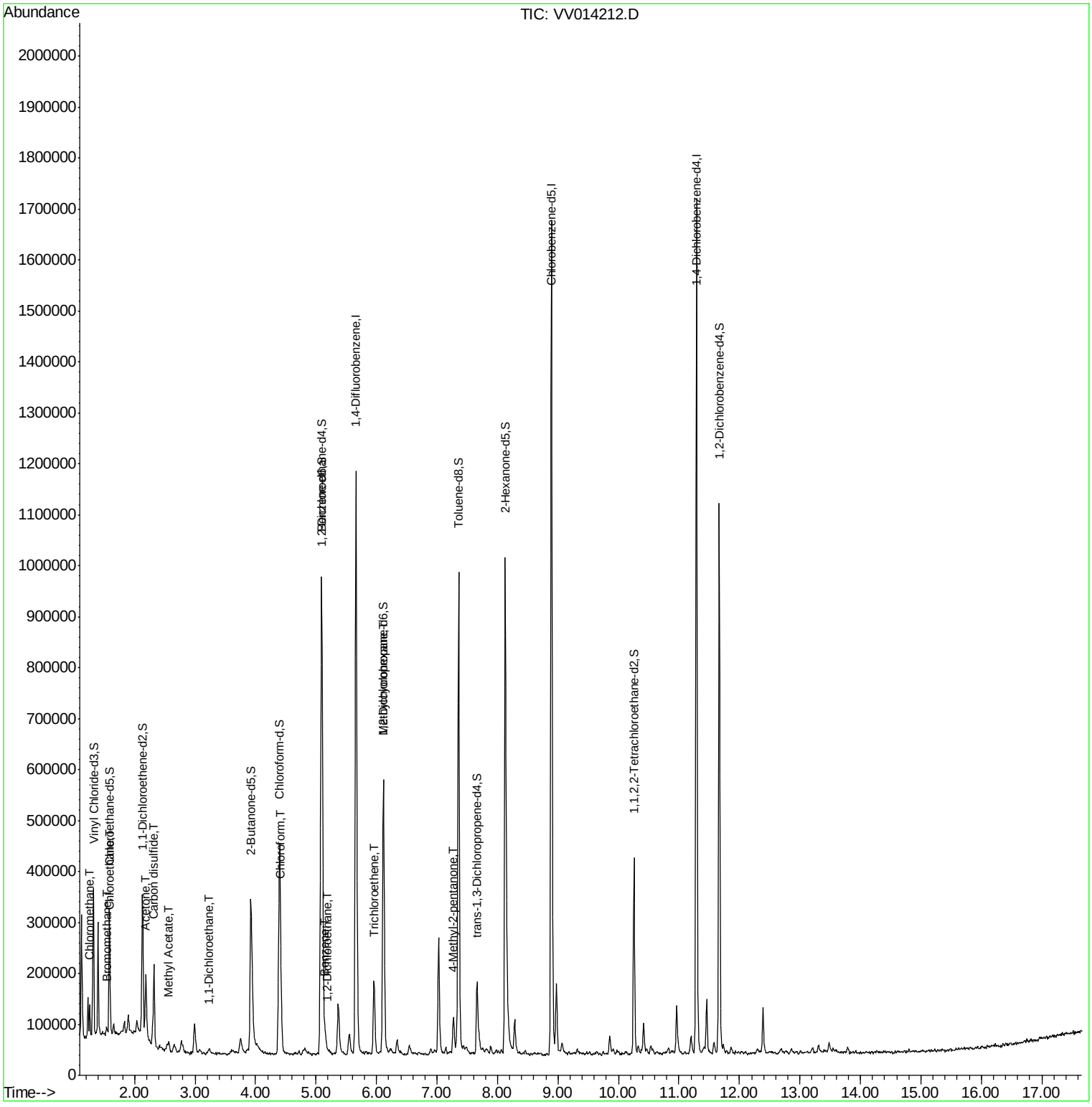
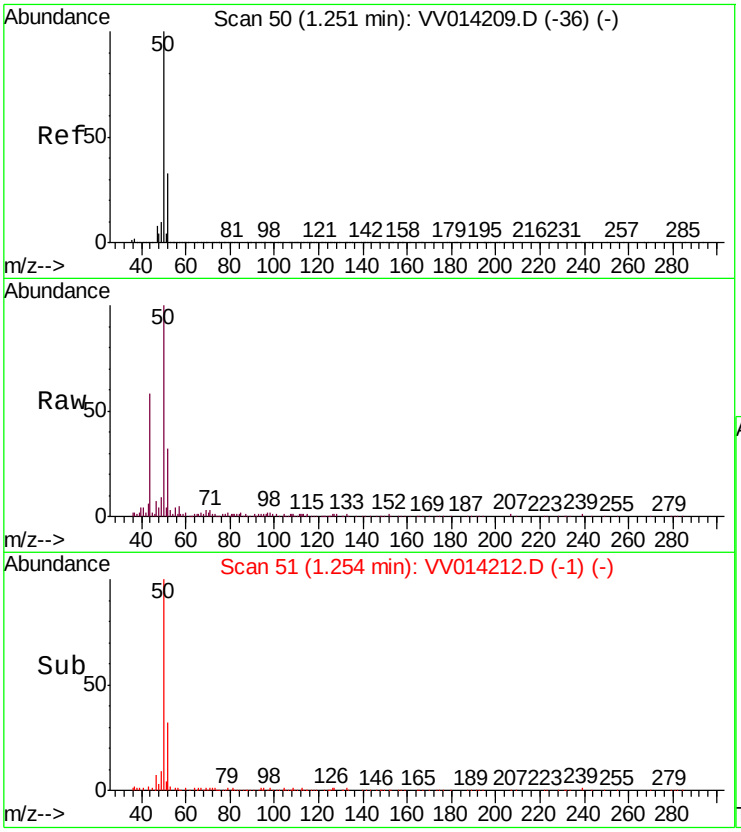
Instrument : MSVOA_V
ClientSampleId : BF6X3RE

Quant Time: Dec 30 00:33:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 30 00:30:20 2019
Response via : Initial Calibration



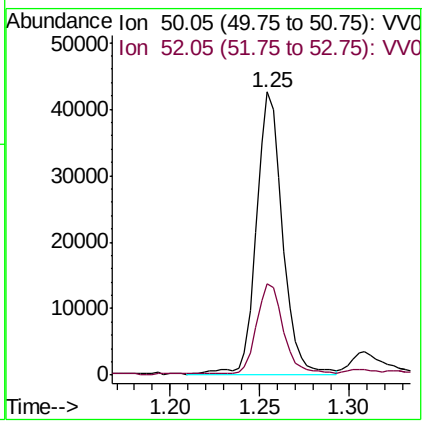


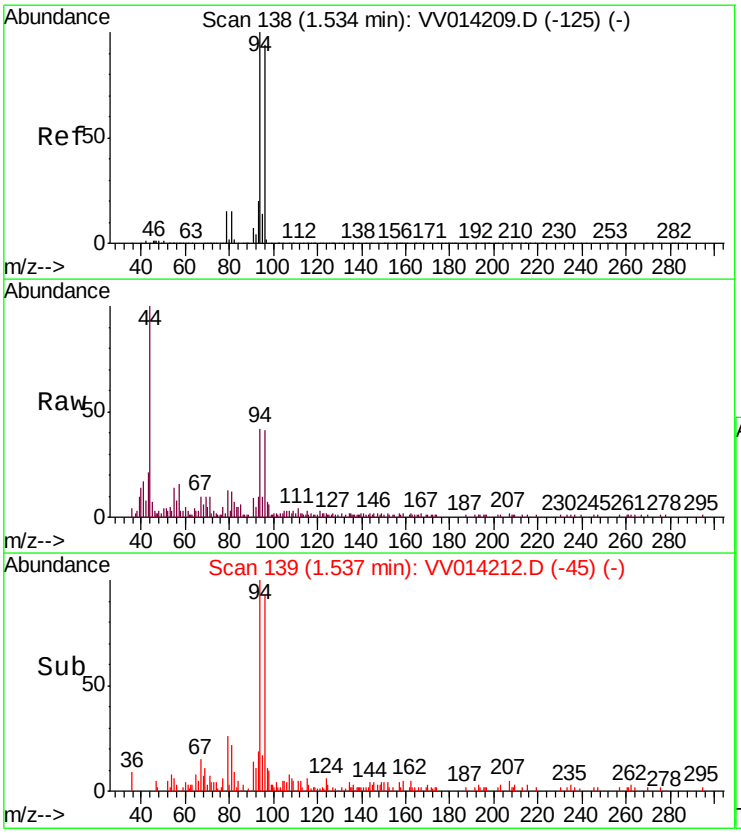
#3
Chloromethane
Concen: 0.647 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV014212.D
Acq: 28 Dec 2019 13:14

Instrument :
MSVOA_V
ClientSampleId :
BF6X3RE

Tgt Ion: 50 Resp: 43357

Ion	Ratio	Lower	Upper
50	100		
52	32.3	22.3	41.3

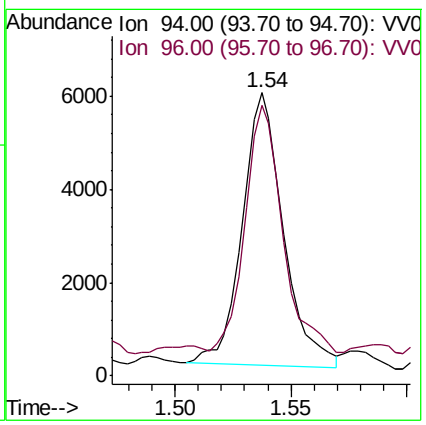


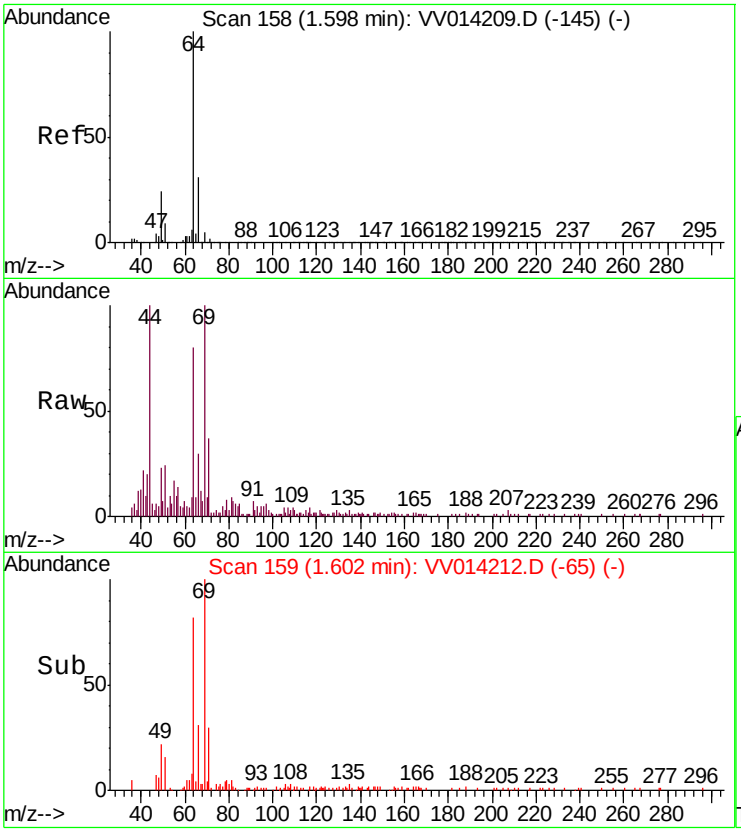


#6
Bromomethane
Concen: 0.245 ug/L
RT: 1.54 min Scan# 139
Delta R.T. 0.00 min
Lab File: VV014212.D
Acq: 28 Dec 2019 13:14

Tgt Ion: 94 Resp: 7213

Ion	Ratio	Lower	Upper
94	100		
96	95.8	66.9	124.3



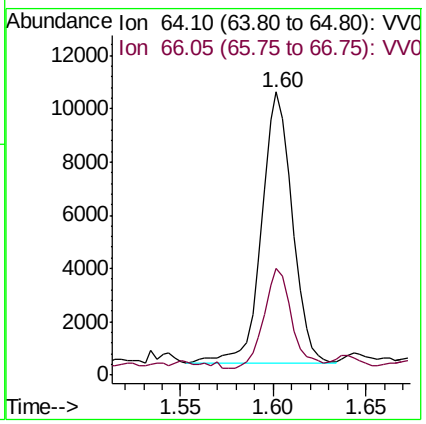


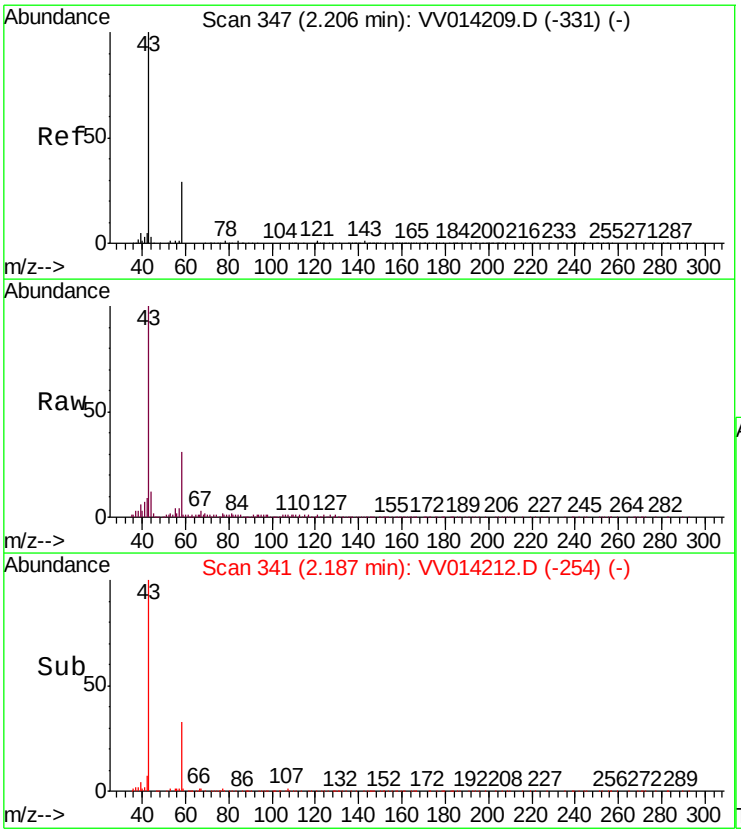
#8
Chloroethane
Concen: 0.344 ug/L
RT: 1.60 min Scan# 159
Delta R.T. 0.00 min
Lab File: VV014212.D
Acq: 28 Dec 2019 13:14

Instrument :
MSVOA_V
ClientSampleId :
BF6X3RE

Tgt Ion: 64 Resp: 11662

Ion	Ratio	Lower	Upper
64	100		
66	37.9	21.8	40.6

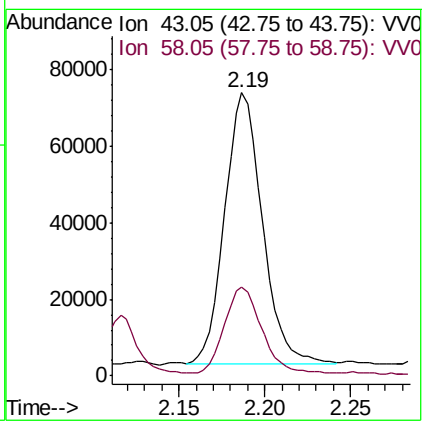


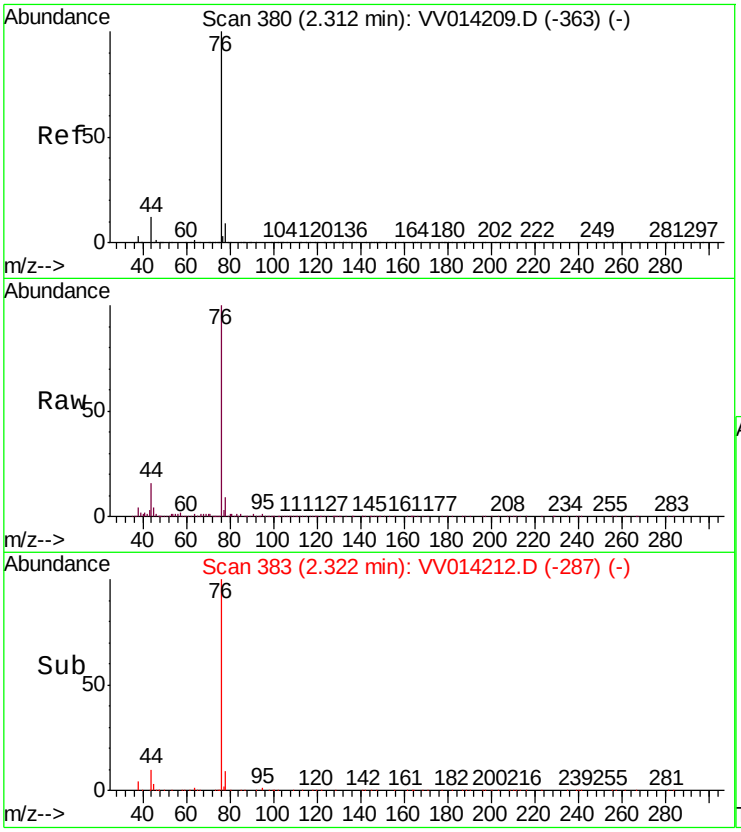


#13
Acetone
Concen: 15.382 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.02 min
Lab File: VV014212.D
Acq: 28 Dec 2019 13:14

Tgt Ion: 43 Resp: 107651

Ion	Ratio	Lower	Upper
43	100		
58	31.1	0.0	66.0



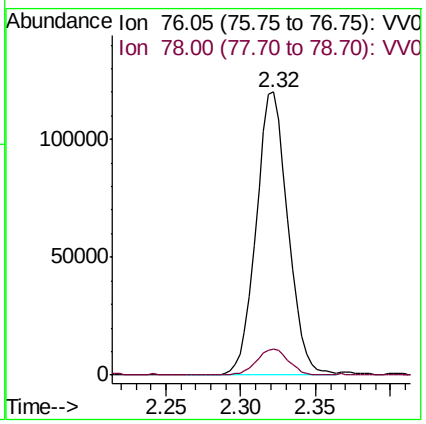


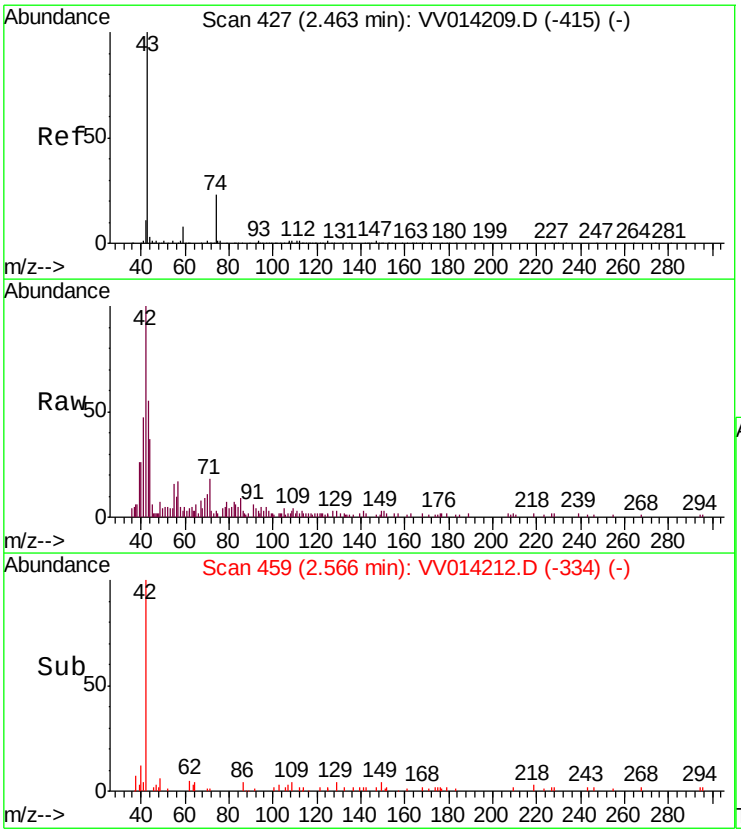
#14
Carbon disulfide
Concen: 0.942 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VV014212.D
Acq: 28 Dec 2019 13:14

Instrument :
MSVOA_V
ClientSampleId :
BF6X3RE

Tgt Ion: 76 Resp: 177562

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

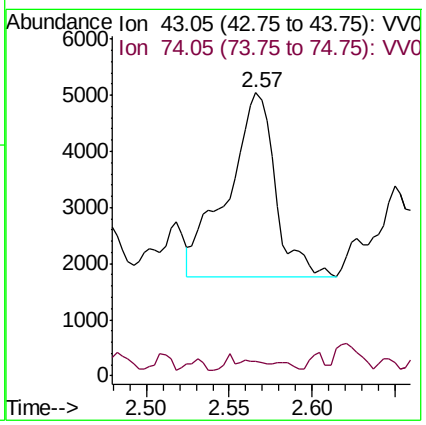


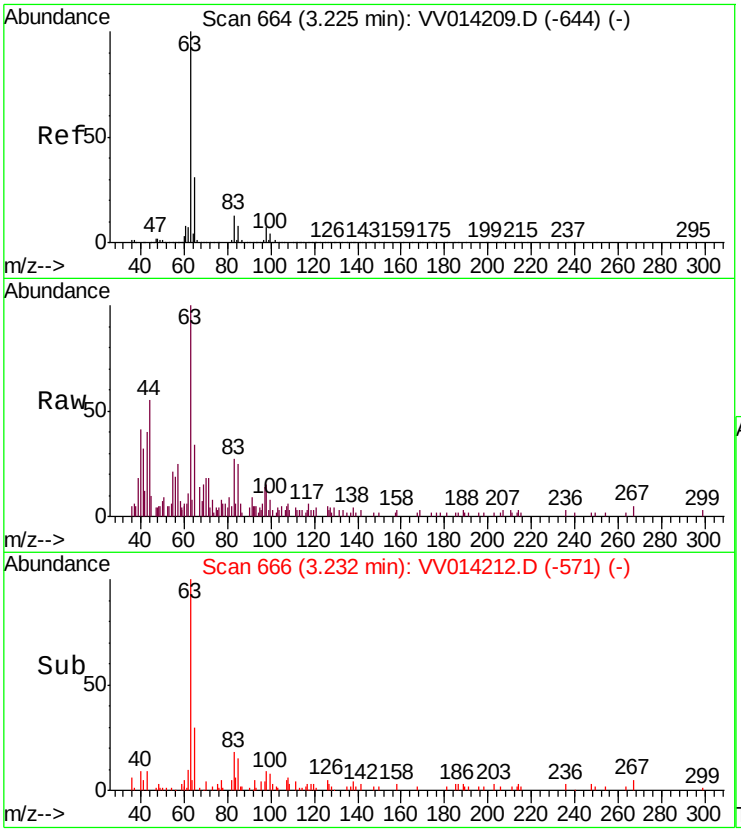


#15
Methyl Acetate
Concen: 0.281 ug/L
RT: 2.57 min Scan# 459
Delta R.T. 0.10 min
Lab File: VV014212.D
Acq: 28 Dec 2019 13:14

Tgt Ion: 43 Resp: 6501

Ion	Ratio	Lower	Upper
43	100		
74	1.0	18.6	28.0#



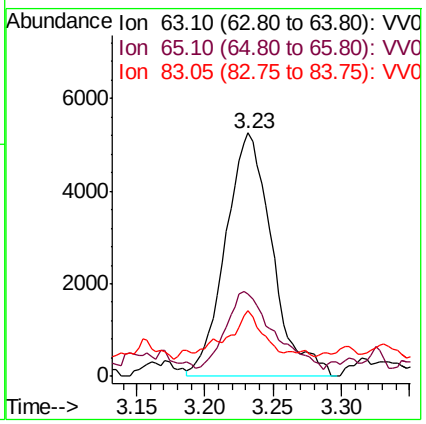


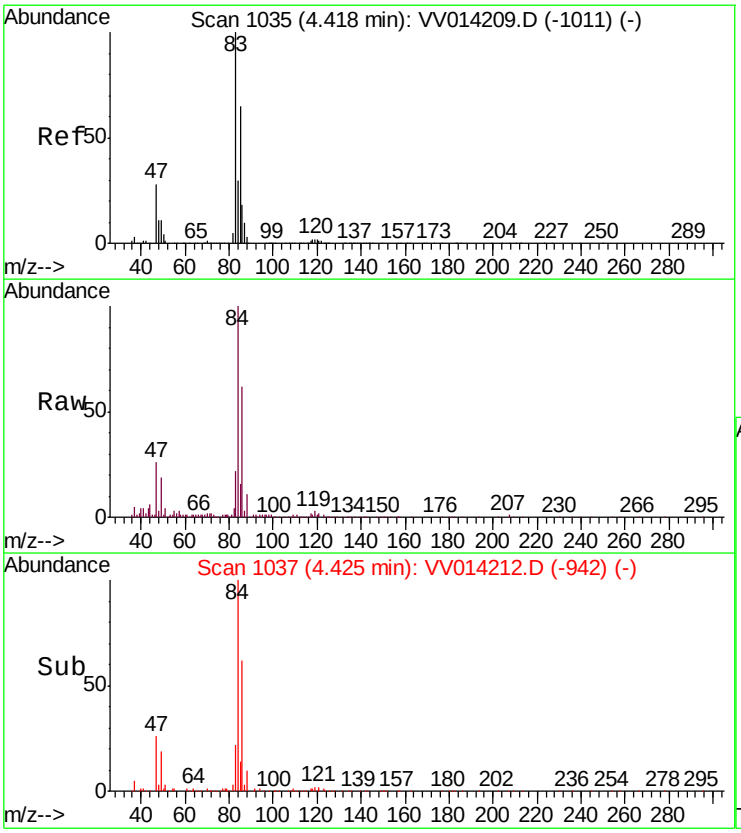
#19
1,1-Dichloroethane
Concen: 0.100 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.01 min
Lab File: VV014212.D
Acq: 28 Dec 2019 13:14

Instrument :
MSVOA_V
ClientSampleId :
BF6X3RE

Tgt Ion: 63 Resp: 12503

Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.7	42.3
83	27.1	10.0	18.6#

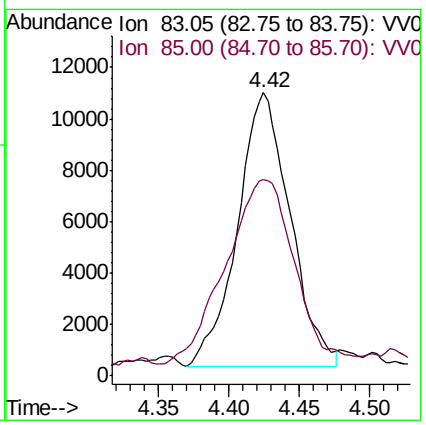


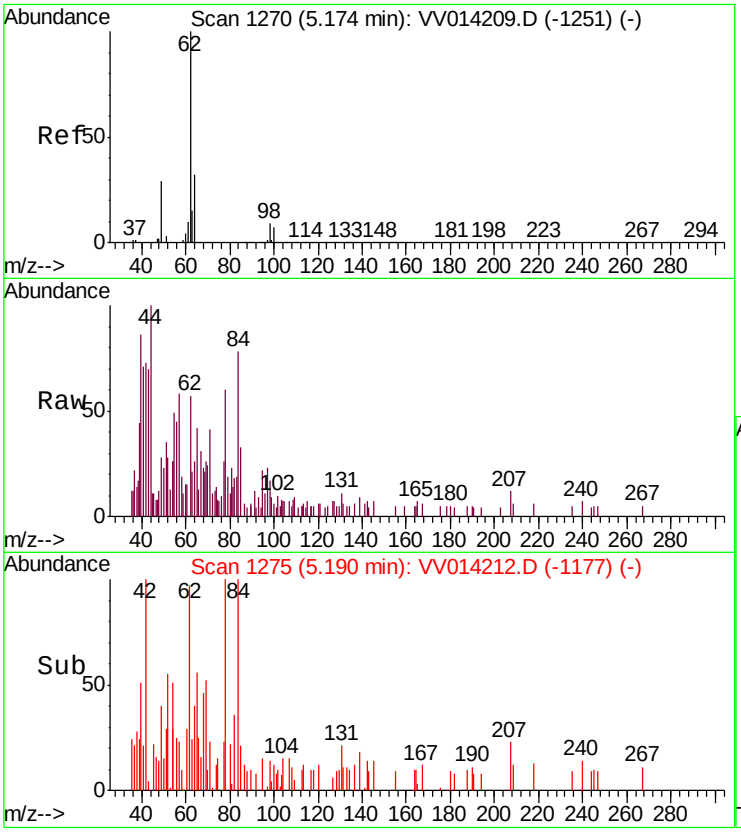


#25
Chloroform
Concen: 0.219 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV014212.D
Acq: 28 Dec 2019 13:14

Tgt Ion: 83 Resp: 27743

Ion	Ratio	Lower	Upper
83	100		
85	69.4	46.2	85.8



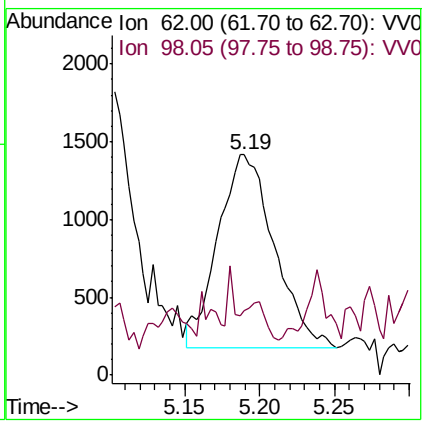


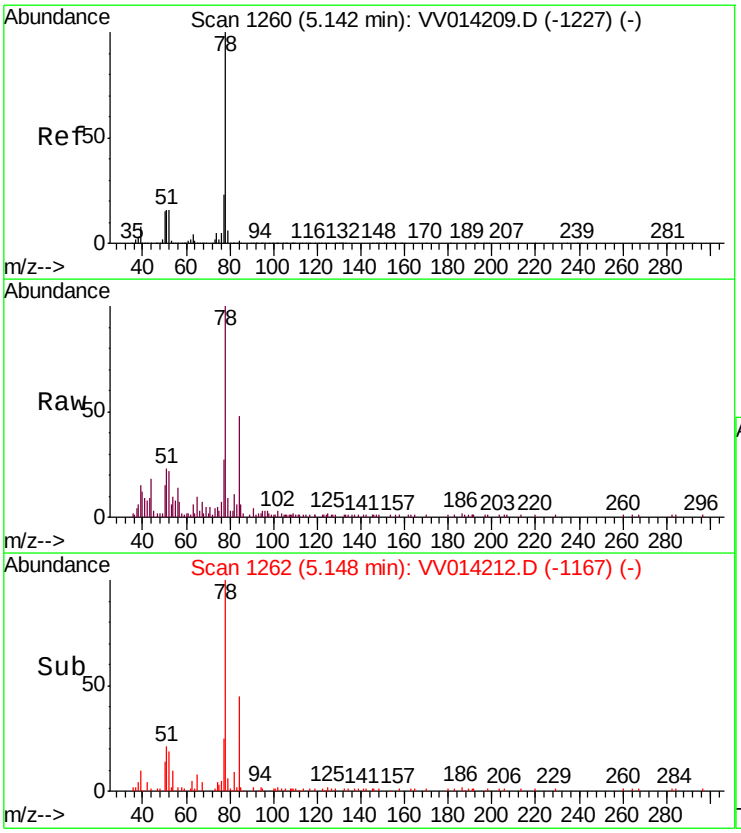
#27
1,2-Dichloroethane
Concen: 0.046 ug/L
RT: 5.19 min Scan# 1275
Delta R.T. 0.02 min
Lab File: VV014212.D
Acq: 28 Dec 2019 13:14

Instrument :
MSVOA_V
ClientSampleId :
BF6X3RE

Tgt Ion: 62 Resp: 3252

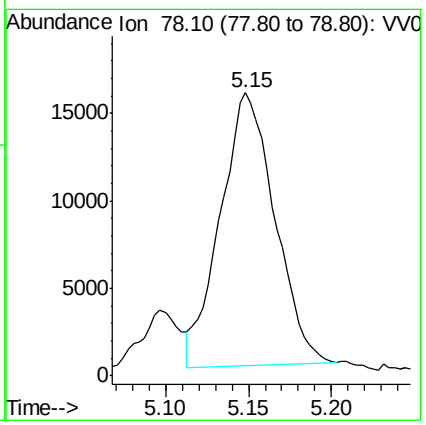
Ion	Ratio	Lower	Upper
62	100		
98	29.4	9.2	13.8#

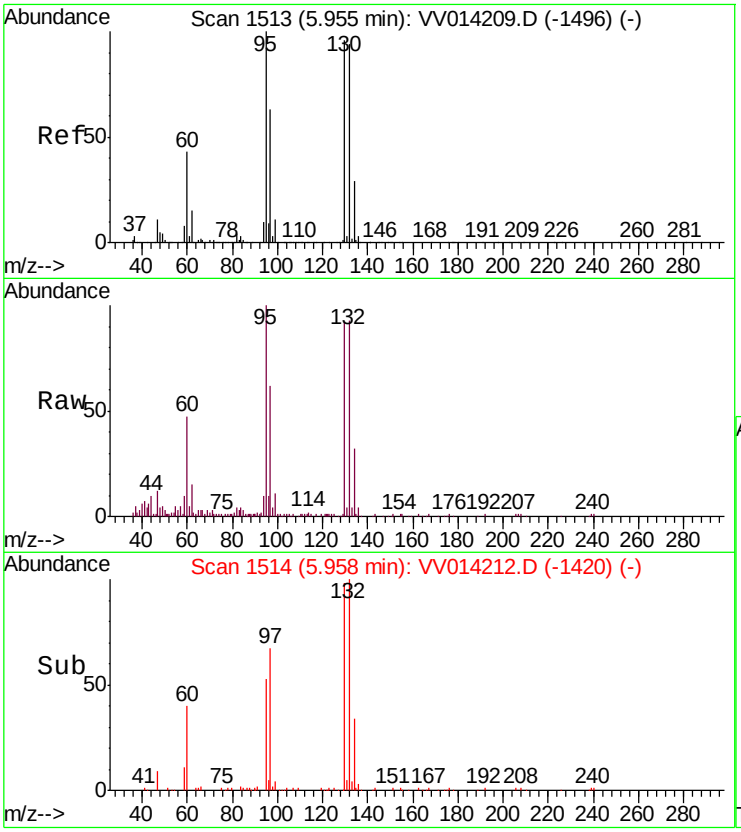




#33
Benzene
Concen: 0.131 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV014212.D
Acq: 28 Dec 2019 13:14

Tgt Ion: 78 Resp: 35652



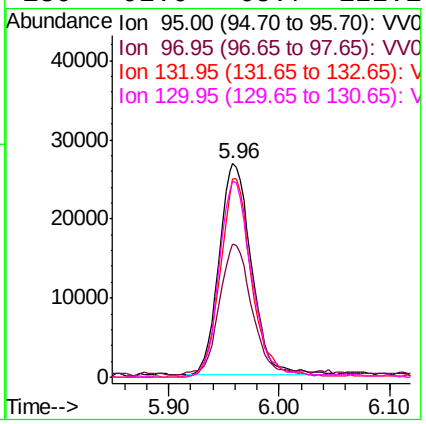


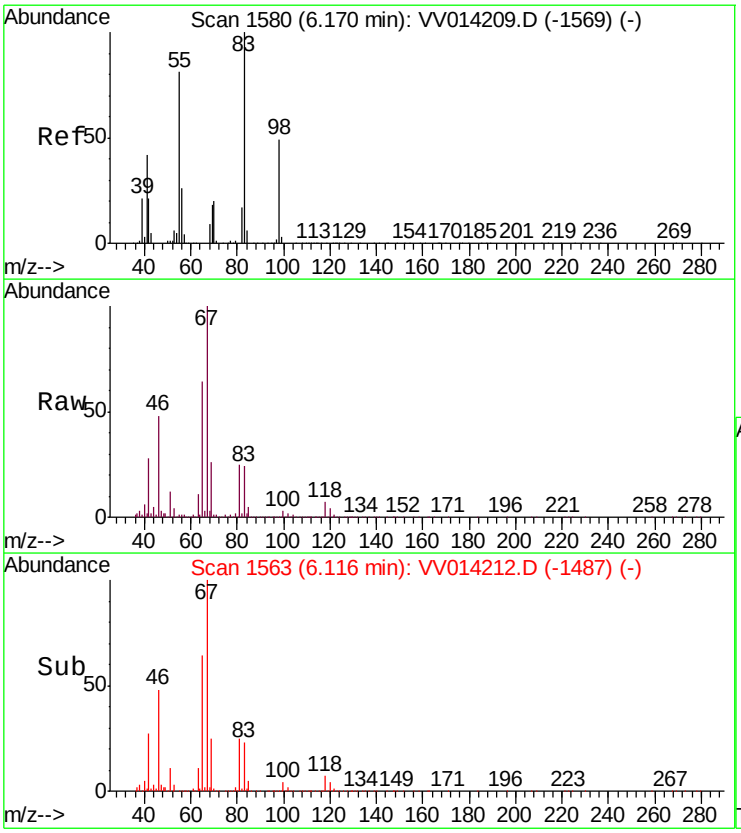
#34
Trichloroethene
Concen: 0.747 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV014212.D
Acq: 28 Dec 2019 13:14

Instrument : MSVOA_V
ClientSampleId : BF6X3RE

Tgt Ion: 95 Resp: 54237

Ion	Ratio	Lower	Upper
95	100		
97	62.3	43.8	81.3
132	93.2	63.4	117.8
130	92.0	65.7	122.1

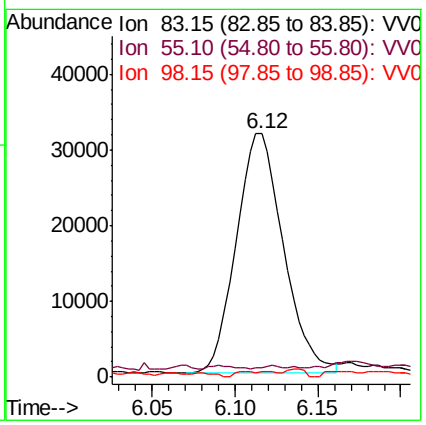


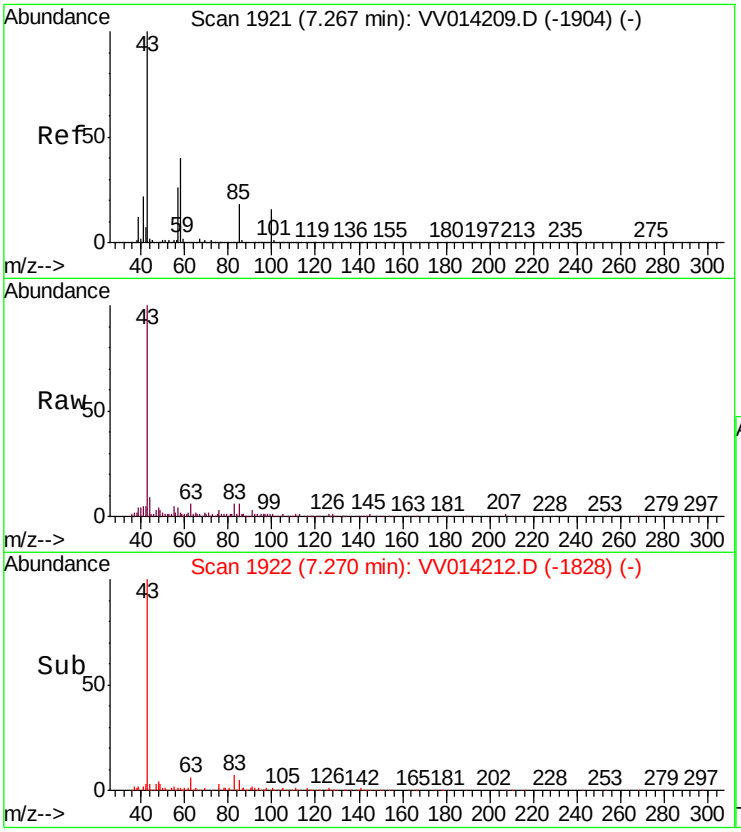


#35
Methylcyclohexane
Concen: 0.518 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014212.D
Acq: 28 Dec 2019 13:14

Tgt Ion: 83 Resp: 62718

Ion	Ratio	Lower	Upper
83	100		
55	0.6	61.7	92.5#
98	0.5	38.1	57.1#





#40
4-Methyl-2-pentanone
Concen: 2.067 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VV014212.D
Acq: 28 Dec 2019 13:14

Instrument :
MSVOA_V
ClientSampleId :
BF6X3RE

Tgt Ion: 43 Resp: 84697

Ion	Ratio	Lower	Upper
43	100		
58	2.4	31.5	47.3#
100	0.0	12.2	18.2#