Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061219\

Quantitation Report (Not Reviewed)

Data File : VV011435.D
Acq On : 12 Jun 2019 22:20
Operator : SY/MD
Sample : K3310-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0M03

Quant Time: Jun 13 02:37:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 02:32:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137514	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	121513	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	44866	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	32062	3.08	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 61.60%			
7) Chloroethane-d5	1.58	69	27547	3.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 63.60%#			
11) 1,1-Dichloroethene-d2	2.12	63	57123	2.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 54.80%#			
20) 2-Butanone-d5	3.97	46	114752	48.92	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.84%			
24) Chloroform-d	4.40	84	78932	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
26) 1,2-Dichloroethane-d4	5.08	65	45796	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
32) Benzene-d6	5.09	84	152645	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
36) 1,2-Dichloropropane-d6	6.12	67	48670	4.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.00%			
41) Toluene-d8	7.36	98	128658	3.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.00%			
43) trans-1,3-Dichloropropene-	7.66	79	12851	3.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 60.20%			
46) 2-Hexanone-d5	8.14	63	82912	45.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.96%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33579	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	40914	4.62	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	4189	0.319	ug/L	91
6) Bromomethane	1.53	94	3191	0.485	ug/L	91
8) Chloroethane	1.40	64	54769	6.774	ug/L #	57
13) Acetone	2.22	43	2276	1.447	ug/L	71
15) Methyl Acetate	2.46	43	784	0.188	ug/L #	82
35) Methylcyclohexane	6.12	83	12135	0.735	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	6706	0.697	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1472	0.105	ug/L #	56

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

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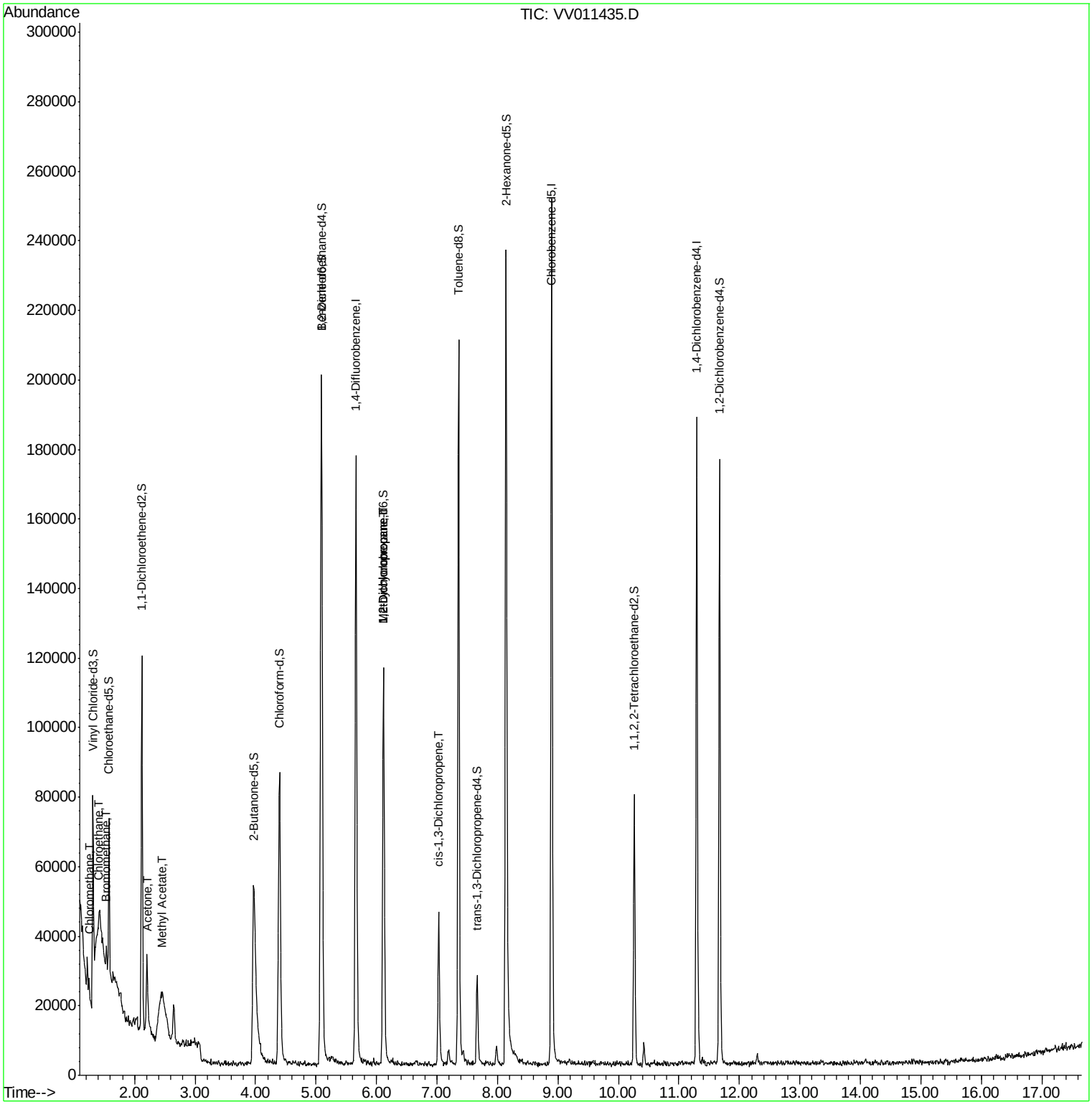
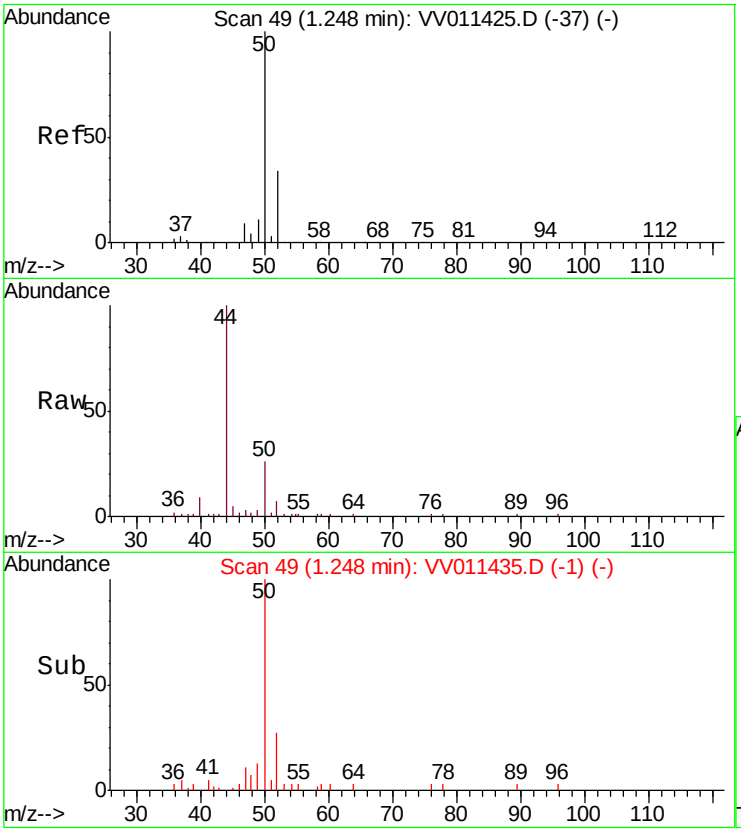
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 02:32:13 2019
Response via : Initial Calibration



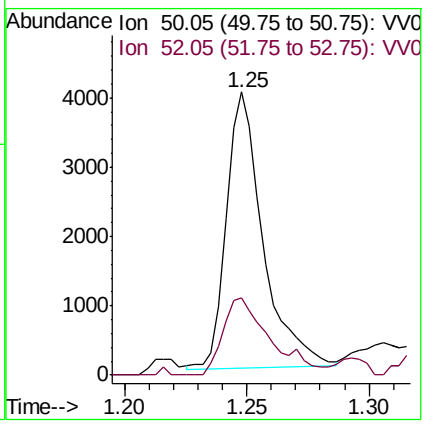


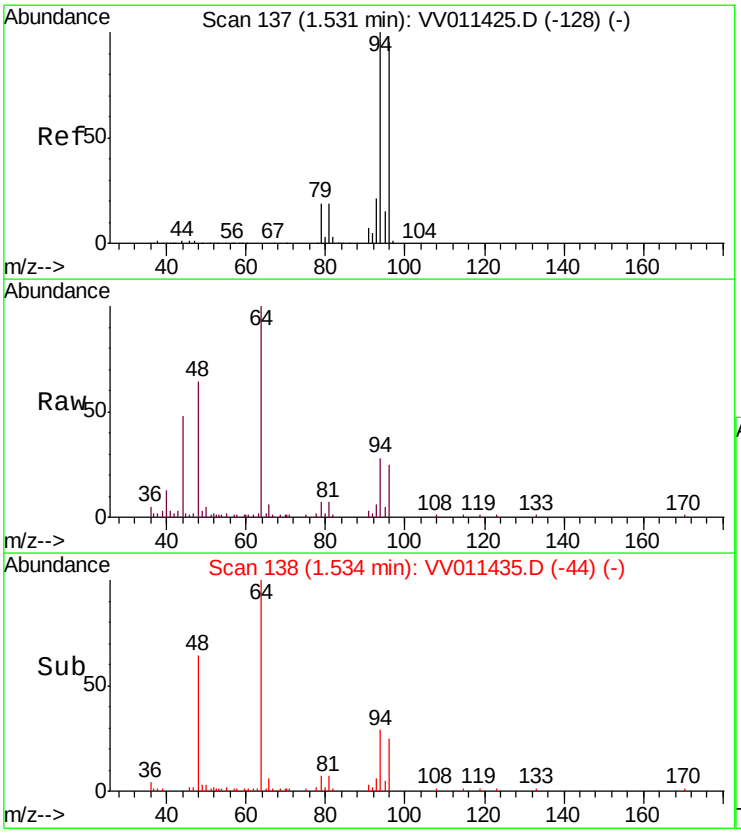
#3
Chloromethane
Concen: 0.319 ug/L
RT: 1.25 min Scan# 49
Delta R.T. -0.00 min
Lab File: VV011435.D
Acq: 12 Jun 2019 22:20

Instrument :
MSVOA_V
ClientSampleId :
C0M03

Tgt Ion: 50 Resp: 4189

Ion	Ratio	Lower	Upper
50	100		
52	27.1	22.3	41.5

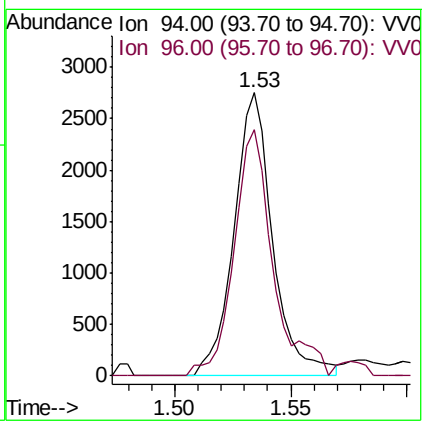


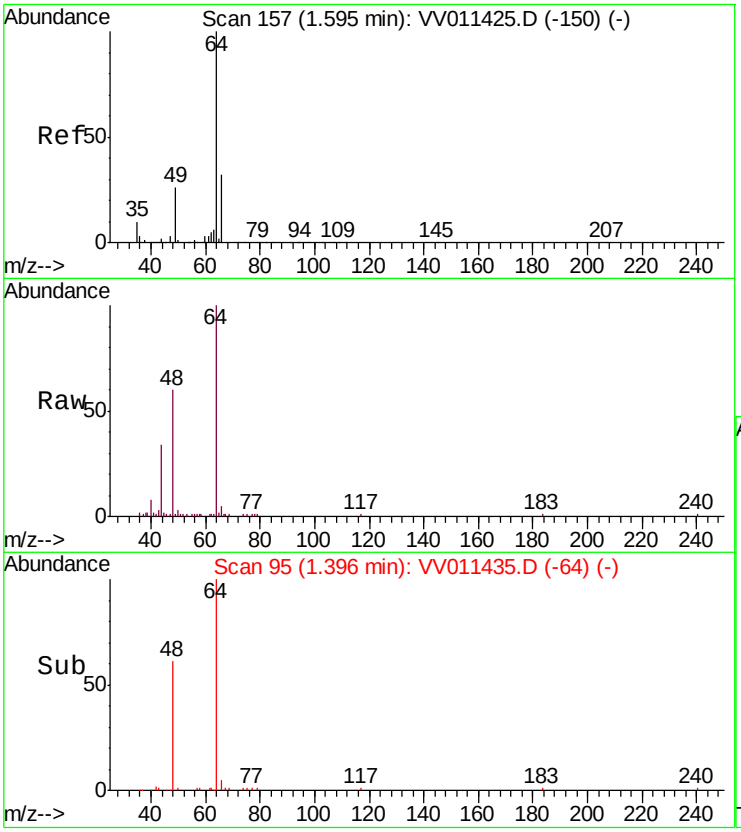


#6
Bromomethane
Concen: 0.485 ug/L
RT: 1.53 min Scan# 138
Delta R.T. 0.00 min
Lab File: VV011435.D
Acq: 12 Jun 2019 22:20

Tgt Ion: 94 Resp: 3191

Ion	Ratio	Lower	Upper
94	100		
96	86.9	67.0	124.4



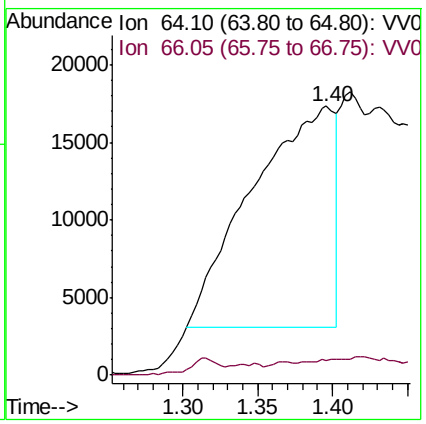


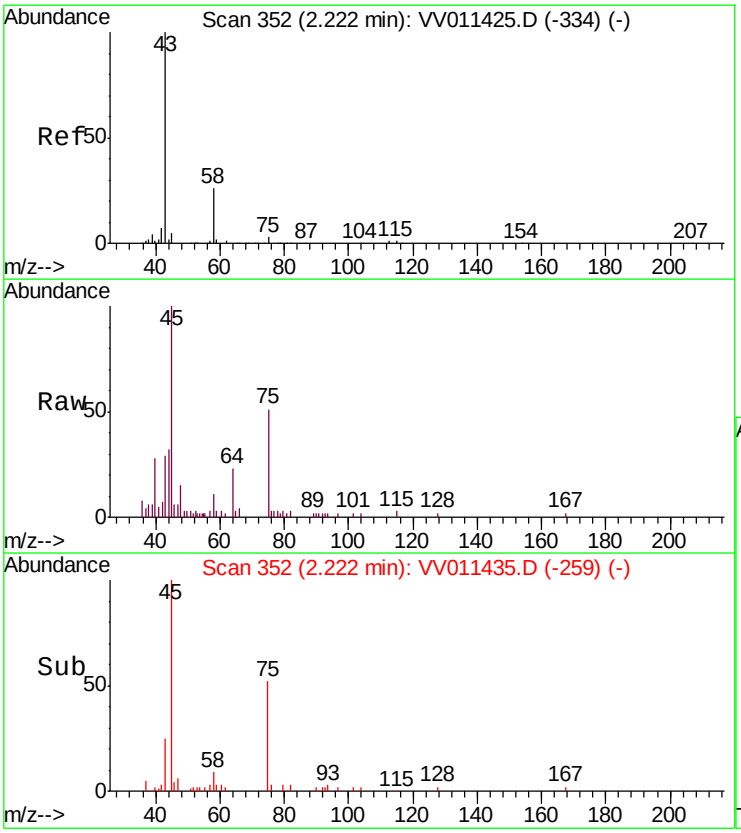
#8
Chloroethane
Concen: 6.774 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.20 min
Lab File: VV011435.D
Acq: 12 Jun 2019 22:20

Instrument : MSVOA_V
ClientSampleId : C0M03

Tgt Ion: 64 Resp: 54769

Ion	Ratio	Lower	Upper
64	100		
66	5.3	19.4	36.0#

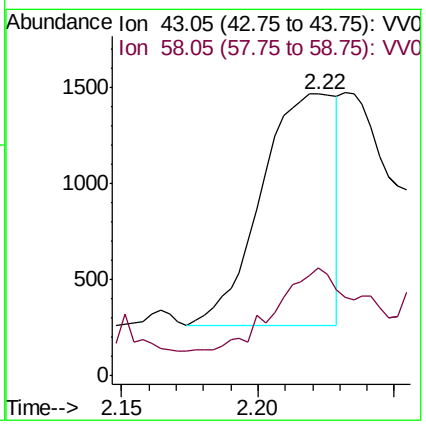


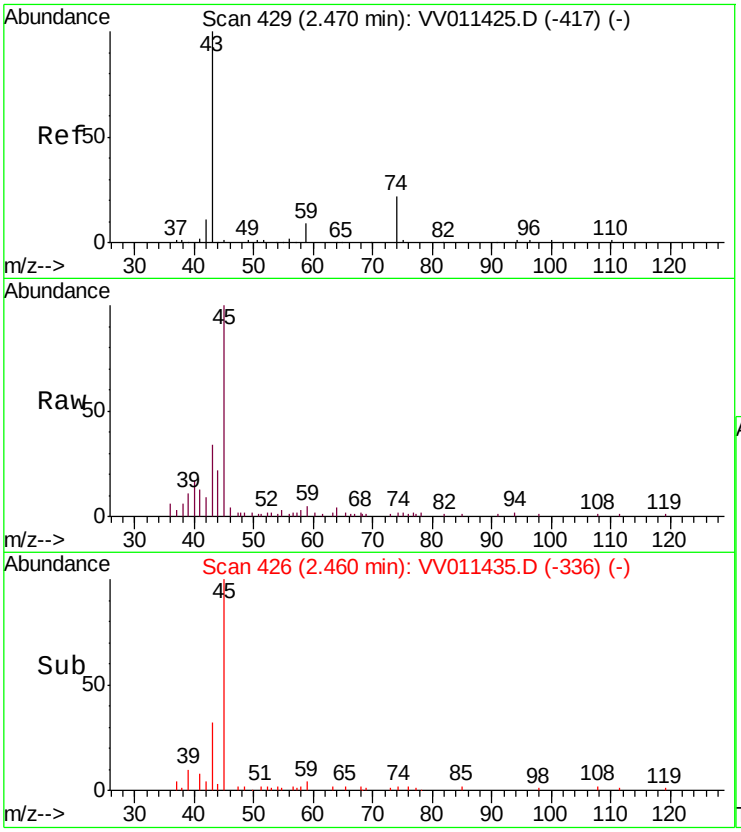


#13
Acetone
Concen: 1.447 ug/L
RT: 2.22 min Scan# 352
Delta R.T. -0.00 min
Lab File: VV011435.D
Acq: 12 Jun 2019 22:20

Tgt Ion: 43 Resp: 2276

Ion	Ratio	Lower	Upper
43	100		
58	42.8	0.0	55.2



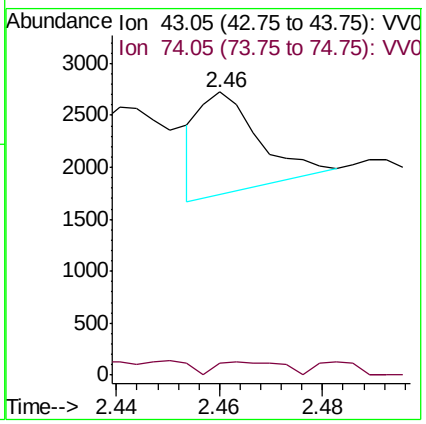


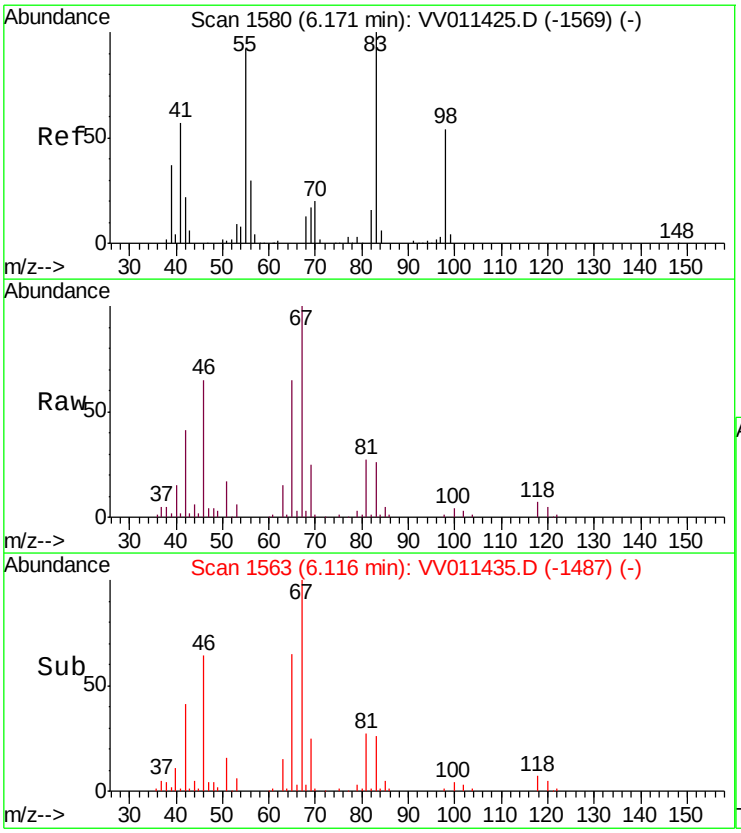
#15
Methyl Acetate
Concen: 0.188 ug/L
RT: 2.46 min Scan# 426
Delta R.T. -0.01 min
Lab File: VV011435.D
Acq: 12 Jun 2019 22:20

Instrument :
MSVOA_V
ClientSampleId :
C0M03

Tgt Ion: 43 Resp: 784

Ion	Ratio	Lower	Upper
43	100		
74	14.5	18.5	27.7#

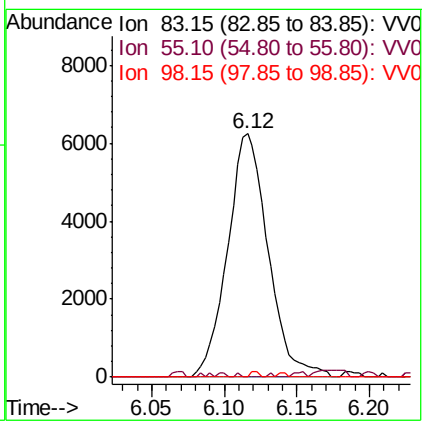


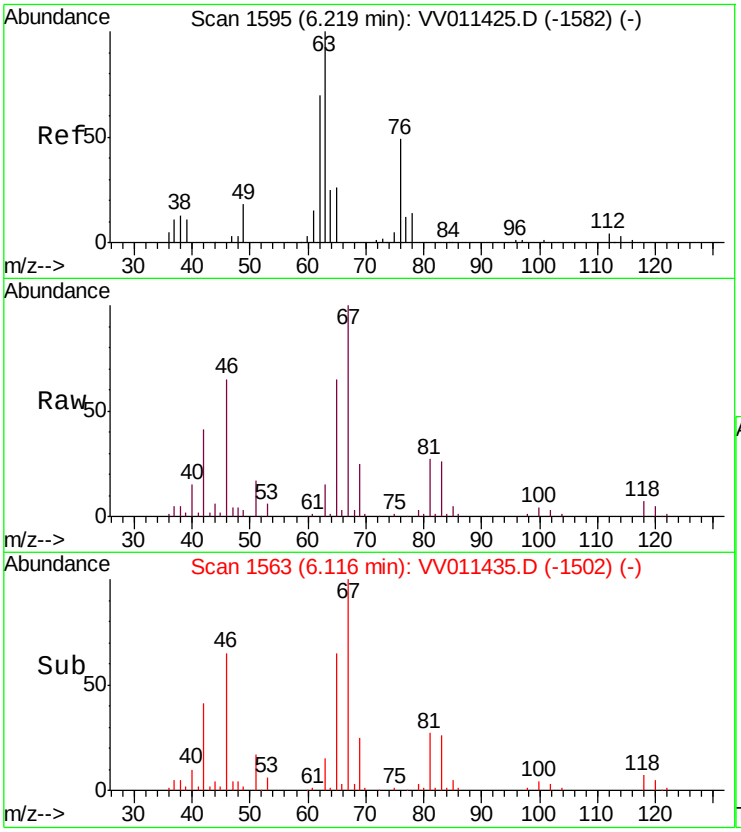


#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011435.D
Acq: 12 Jun 2019 22:20

Tgt Ion: 83 Resp: 12135

Ion	Ratio	Lower	Upper
83	100		
55	0.2	67.0	100.6#
98	0.5	40.0	60.0#



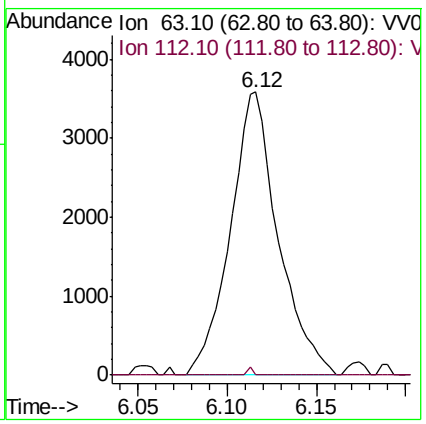


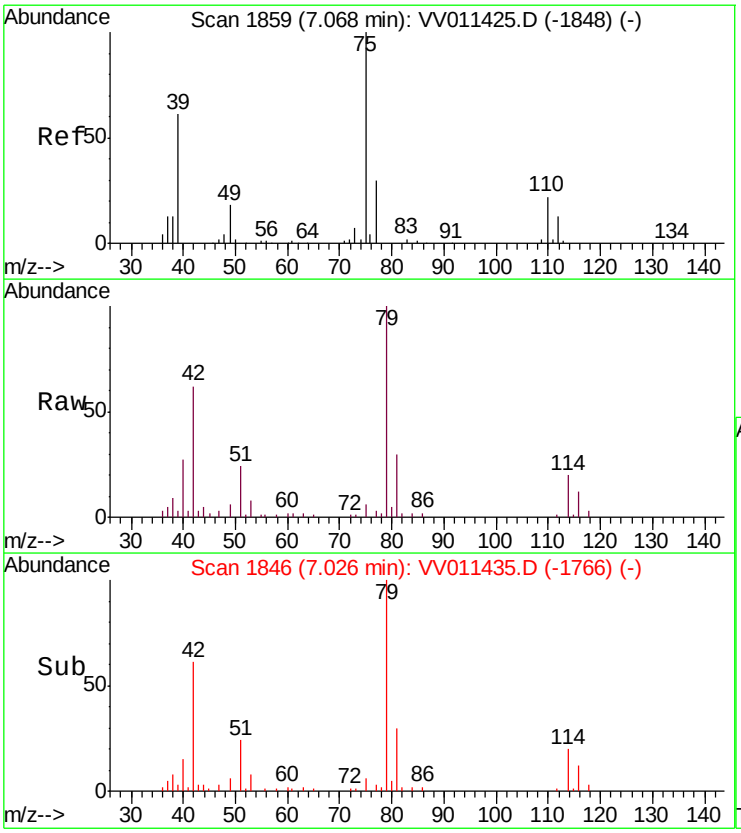
#37
1,2-Dichloropropane
Concen: 0.697 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011435.D
Acq: 12 Jun 2019 22:20

Instrument :
MSVOA_V
ClientSampleId :
C0M03

Tgt Ion: 63 Resp: 6706

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.6	5.4#





#39
cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV011435.D
Acq: 12 Jun 2019 22:20

Tgt Ion: 75 Resp: 1472

Ion	Ratio	Lower	Upper
75	100		
77	56.1	22.2	41.2#