Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091619\

Quantitation Report (Not Reviewed)

Data File : VV012843.D
Acq On : 16 Sep 2019 18:16
Operator : SY/MD
Sample : K4780-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: Sep 17 07:25:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 07:22:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	391127	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	391658	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	149468	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	124078	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	1.58	69	100232	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.40%			
11) 1,1-Dichloroethene-d2	2.13	63	160788	3.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.60%			
20) 2-Butanone-d5	3.98	46	229538	61.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.60%			
24) Chloroform-d	4.40	84	199833	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	5.08	65	102335	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.40%			
32) Benzene-d6	5.09	84	403436	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	6.12	67	122795	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.40%			
41) Toluene-d8	7.36	98	314819	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.00%			
43) trans-1,3-Dichloropropene-	7.66	79	38734	4.61	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.20%			
46) 2-Hexanone-d5	8.14	63	102906	43.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.26%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	68671	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	113276	5.47	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.40%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.12	96	1567	0.073	ug/L #	1
16) Methylene chloride	2.53	84	4240	0.167	ug/L	98
25) Chloroform	4.42	83	10194	0.190	ug/L	93
35) Methylcyclohexane	6.12	83	29726	0.857	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	13750	0.516	ug/L #	89
48) 2-Hexanone	8.19	43	49042	4.369	ug/L #	83

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

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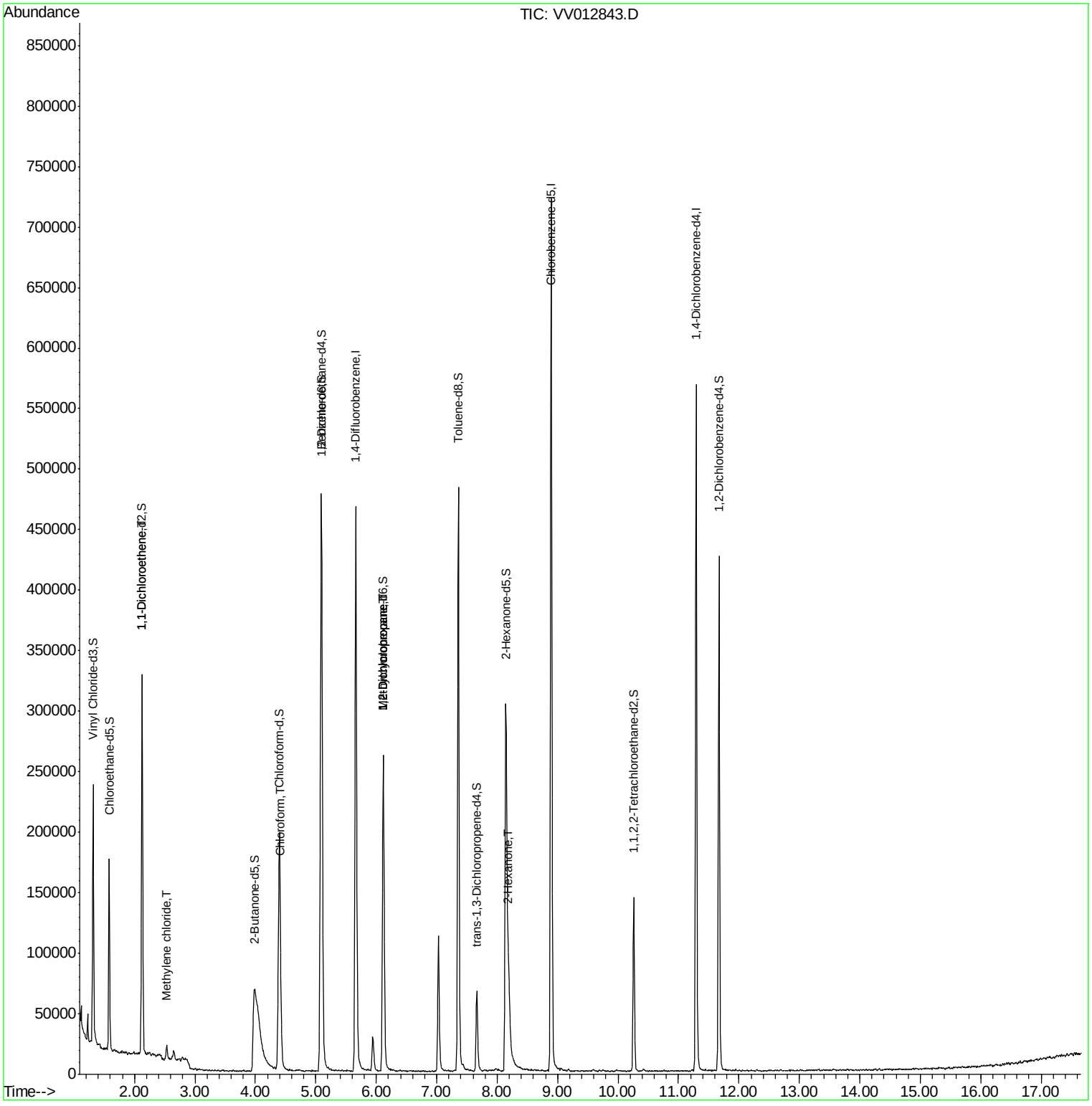
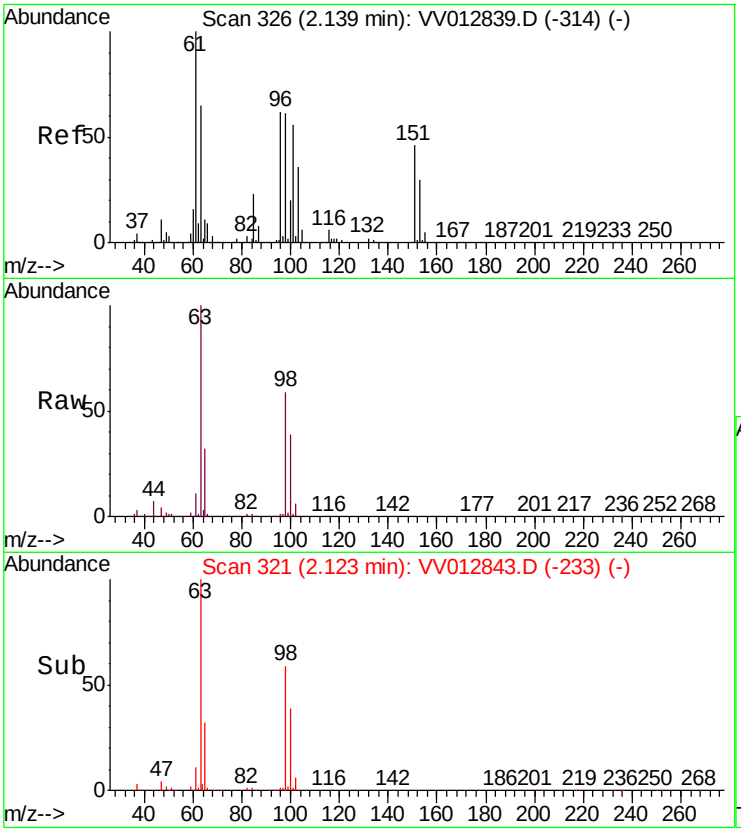
Response via : Initial Calibration



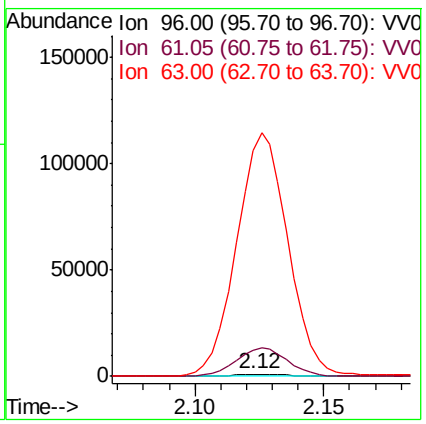


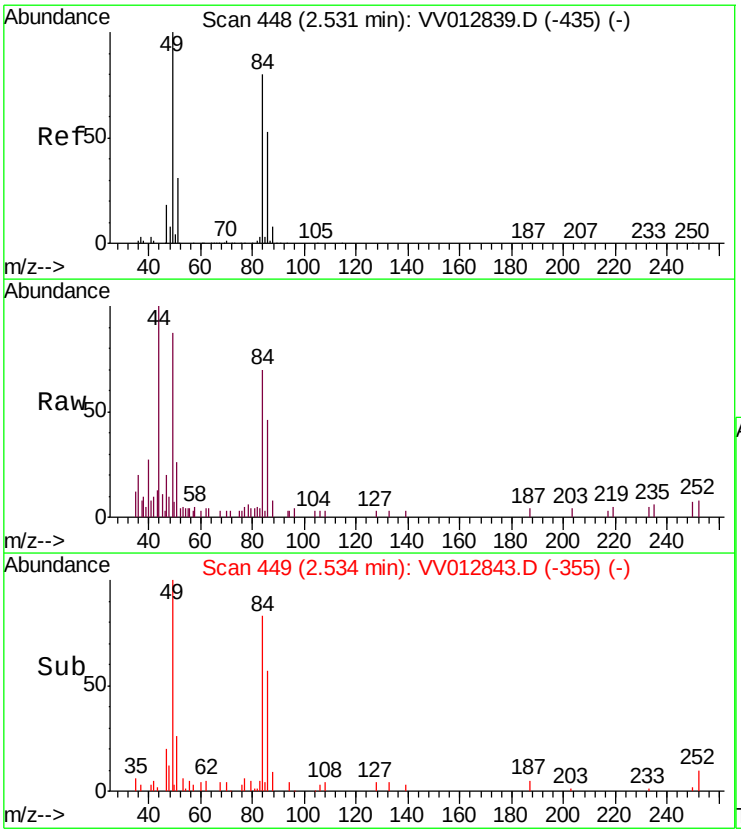
#12
1,1-Dichloroethene
Concen: 0.073 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.02 min
Lab File: VV012843.D
Acq: 16 Sep 2019 18:16

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 96 Resp: 1567

Ion	Ratio	Lower	Upper
96	100		
61	1301.2	120.1	223.1#
63	11320.1	88.3	164.1#

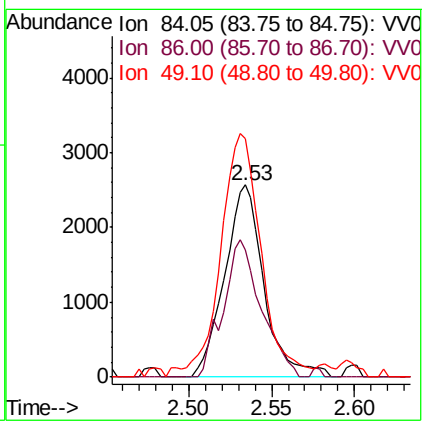


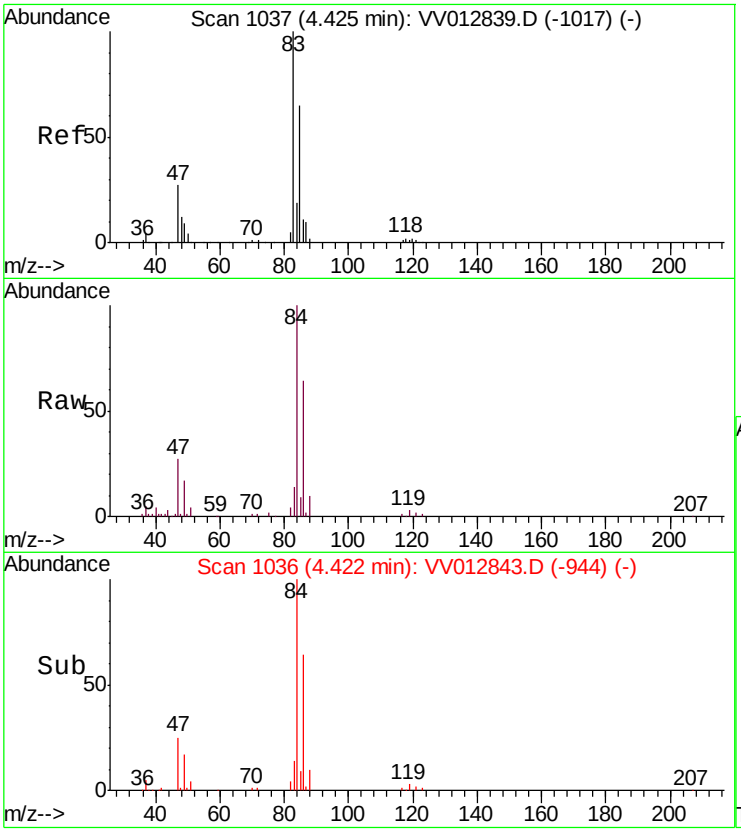


#16
Methylene chloride
Concen: 0.167 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012843.D
Acq: 16 Sep 2019 18:16

Tgt Ion: 84 Resp: 4240

Ion	Ratio	Lower	Upper
84	100		
86	66.3	45.4	84.4
49	124.0	88.0	163.4



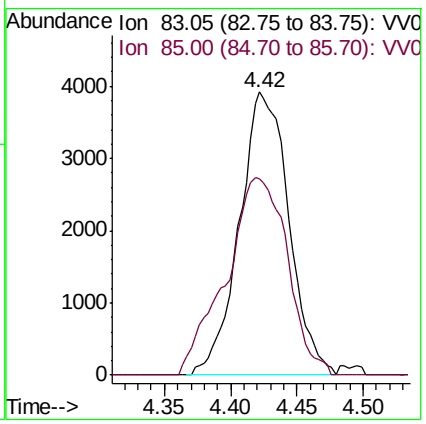


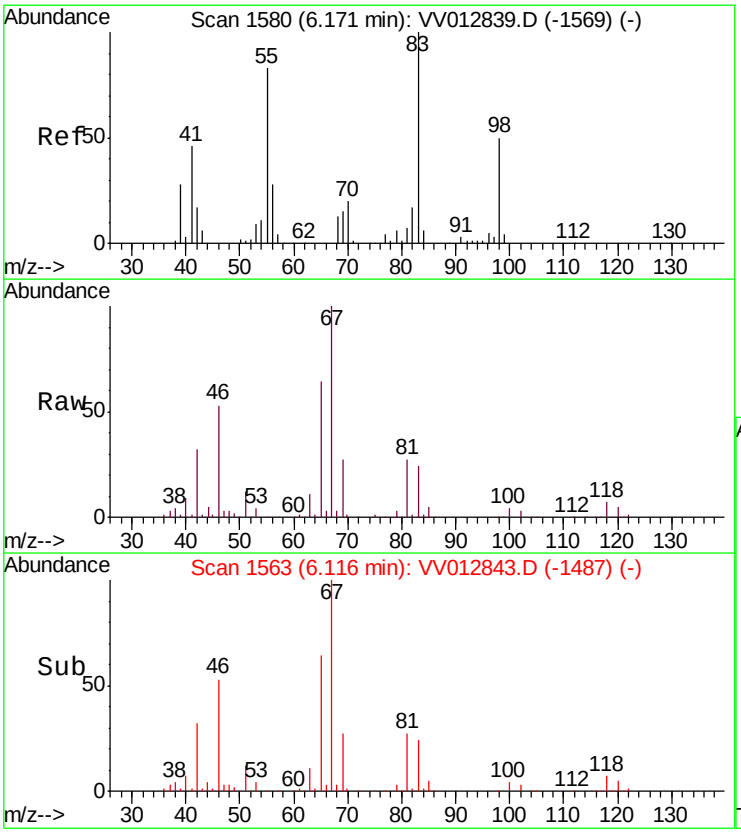
#25
Chloroform
Concen: 0.190 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012843.D
Acq: 16 Sep 2019 18:16

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 10194

Ion	Ratio	Lower	Upper
83	100		
85	69.3	44.4	82.5

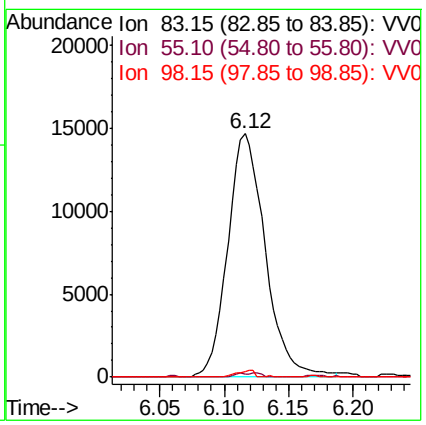


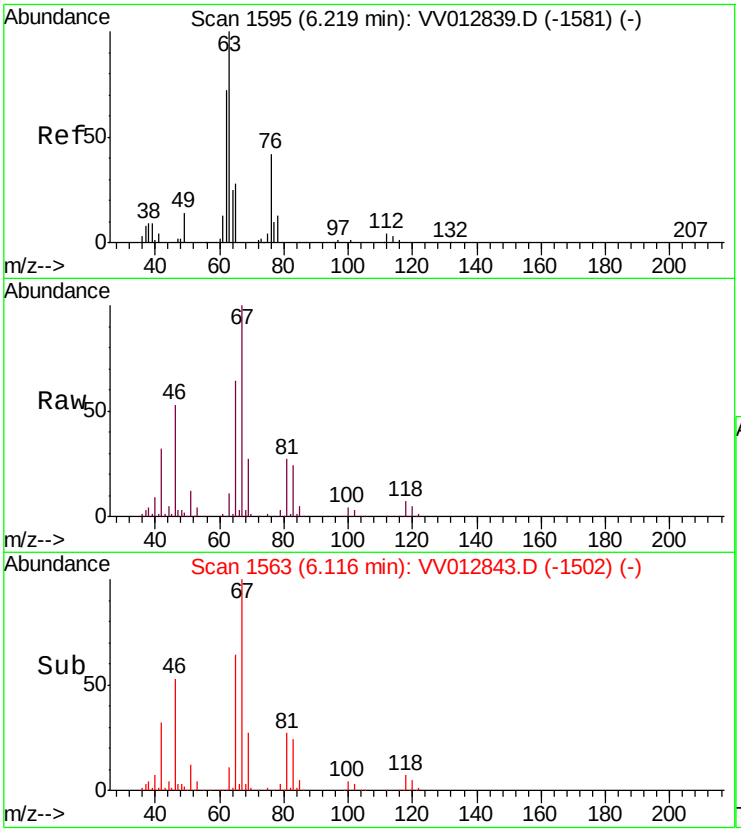


#35
Methylcyclohexane
Concen: 0.857 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012843.D
Acq: 16 Sep 2019 18:16

Tgt Ion: 83 Resp: 29726

Ion	Ratio	Lower	Upper
83	100		
55	1.0	65.4	98.2#
98	1.2	39.0	58.4#



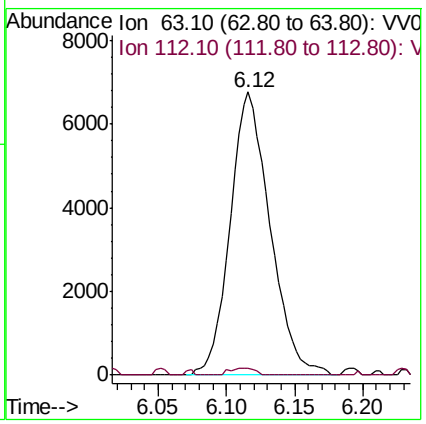


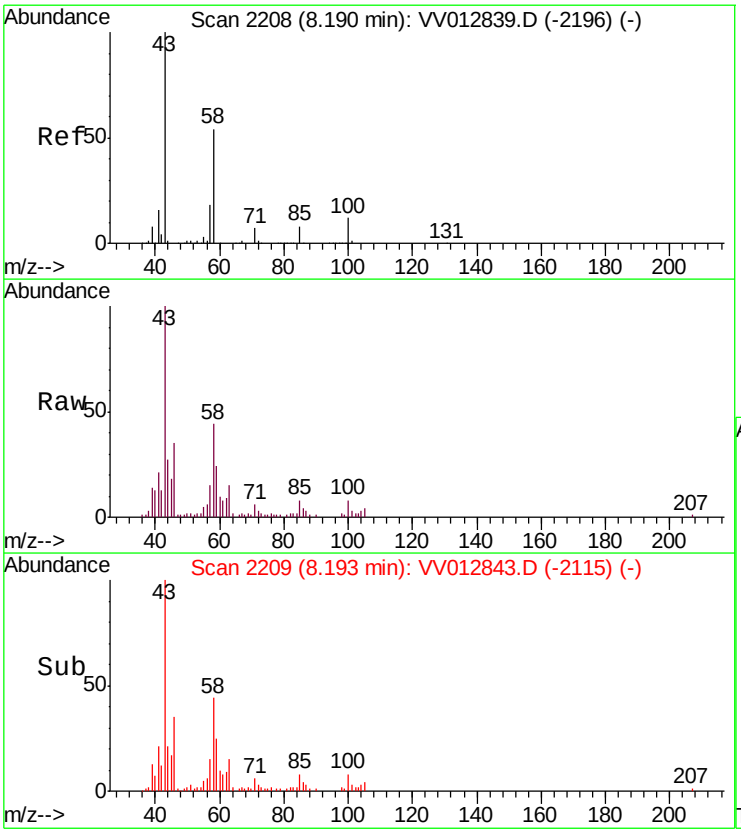
#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012843.D
Acq: 16 Sep 2019 18:16

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Tgt Ion: 63 Resp: 13750

Ion	Ratio	Lower	Upper
63	100		
112	1.5	4.2	6.2#





#48
2-Hexanone
Concen: 4.369 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV012843.D
Acq: 16 Sep 2019 18:16

Tgt Ion: 43 Resp: 49042

Ion	Ratio	Lower	Upper
43	100		
58	42.1	44.8	67.2#
57	11.3	15.0	22.6#
100	8.5	8.8	13.2#