Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\

Quantitation Report (Not Reviewed)

Data File : VV012446.D
Acq On : 30 Aug 2019 10:02
Operator : SY/MD
Sample : VV0830WBL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK43

Quant Time: Aug 31 00:10:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 00:07:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	222434	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	219036	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81369	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	90939	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	1.59	69	68599	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.60%			
11) 1,1-Dichloroethene-d2	2.13	63	109880	3.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.60%			
20) 2-Butanone-d5	3.97	46	195455	48.37	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.74%			
24) Chloroform-d	4.40	84	158763	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
26) 1,2-Dichloroethane-d4	5.08	65	82170	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.10	84	316935	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.12	67	99476	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.80%			
41) Toluene-d8	7.36	98	261360	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
43) trans-1,3-Dichloropropene-	7.66	79	33360	4.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%			
46) 2-Hexanone-d5	8.14	63	132352	45.89	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.78%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	67003	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	86796	5.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.60%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1299	0.073	ug/L #	26
16) Methylene chloride	2.54	84	2055	0.107	ug/L	83
25) Chloroform	4.42	83	5575	0.126	ug/L	86
35) Methylcyclohexane	6.12	83	23850	0.678	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	11144	0.471	ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	1645	0.069	ug/L	85
48) 2-Hexanone	8.14	43	22006	2.411	ug/L #	78

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

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Quantitation Report (Not Reviewed)

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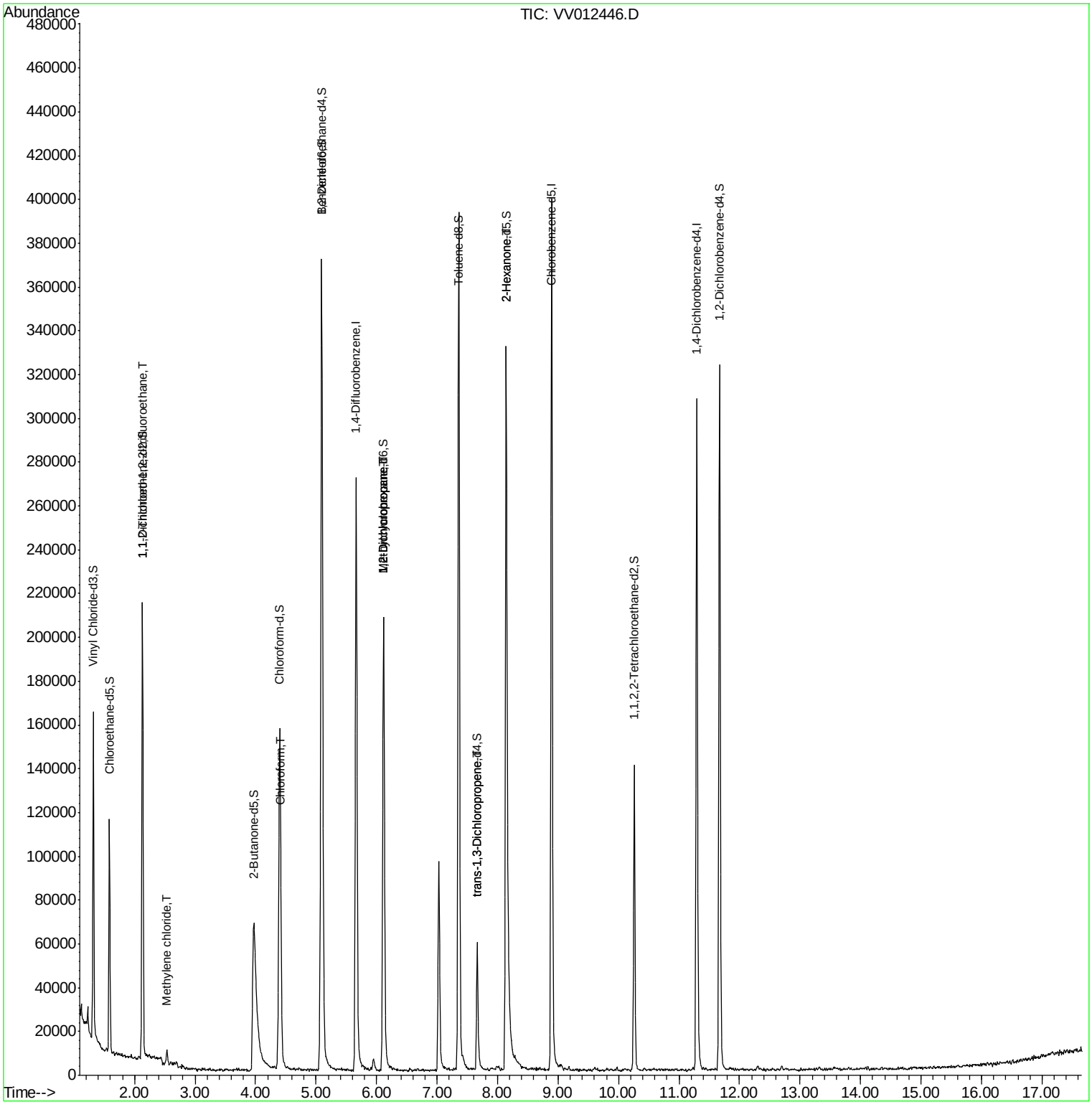
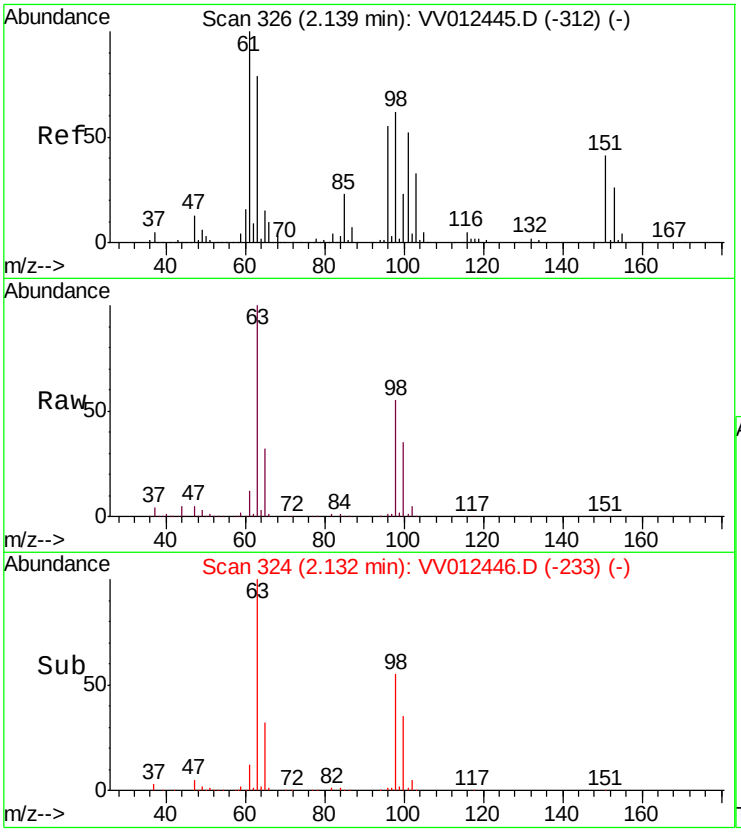
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK43

Quant Time: Aug 31 00:10:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 00:07:21 2019
Response via : Initial Calibration



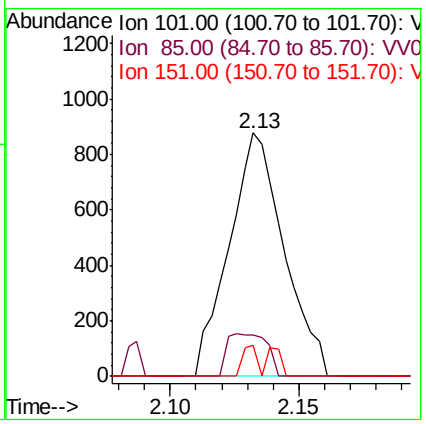


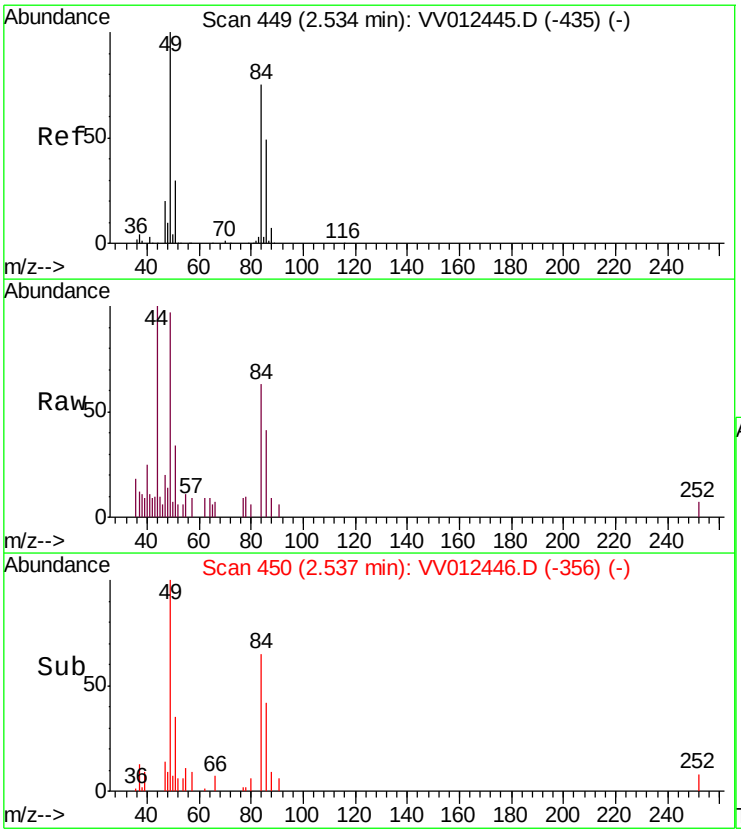
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.073 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV012446.D
Acq: 30 Aug 2019 10:02

Instrument :
MSVOA_V
ClientSampleId :
VBLK43

Tgt Ion:101 Resp: 1299

Ion	Ratio	Lower	Upper
101	100		
85	12.6	35.4	53.2#
151	3.2	64.4	96.6#

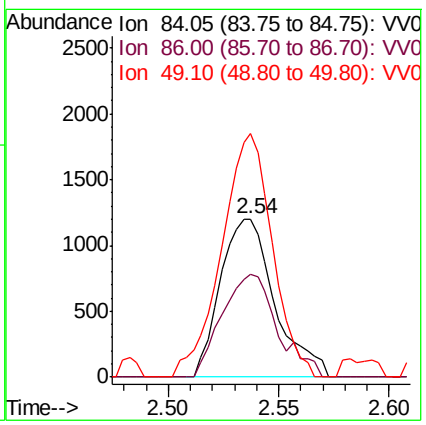


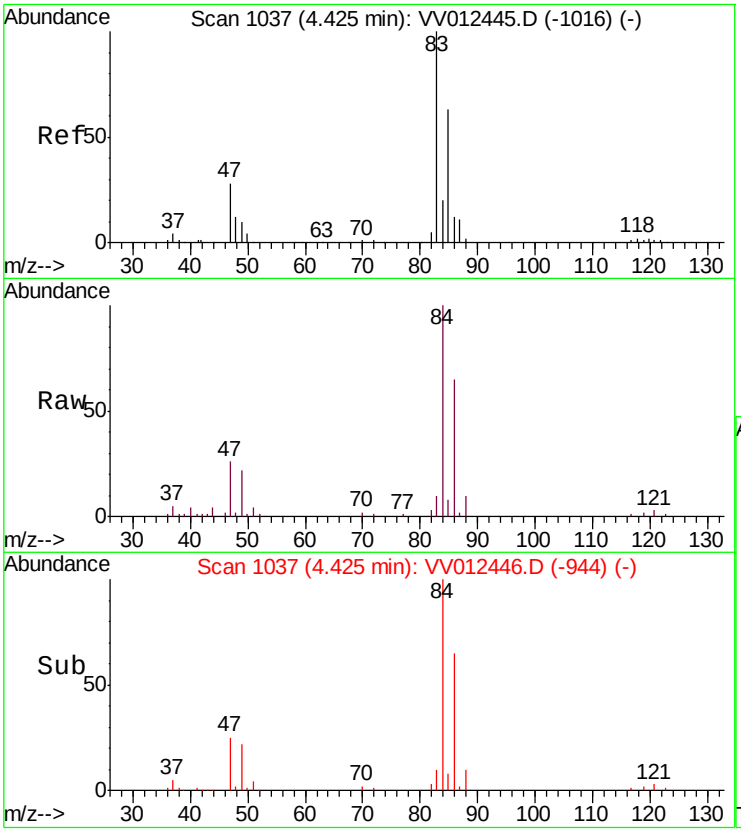


#16
Methylene chloride
Concen: 0.107 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012446.D
Acq: 30 Aug 2019 10:02

Tgt Ion: 84 Resp: 2055

Ion	Ratio	Lower	Upper
84	100		
86	64.7	45.2	84.0
49	165.2	95.1	176.7



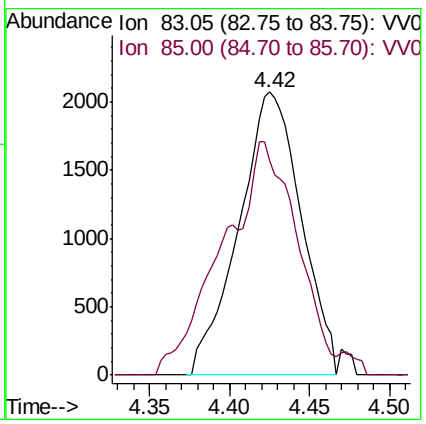


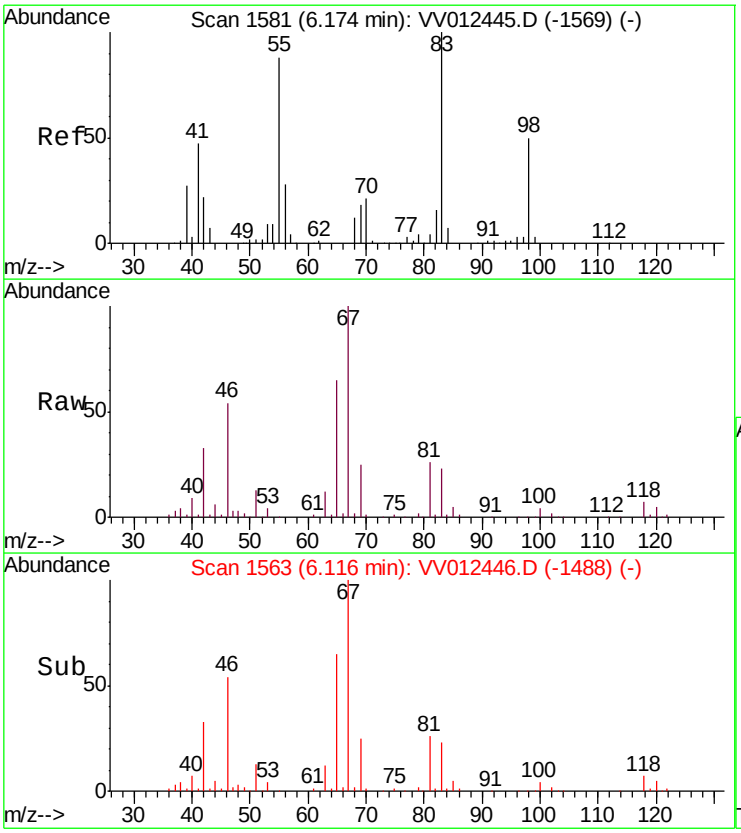
#25
Chloroform
Concen: 0.126 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012446.D
Acq: 30 Aug 2019 10:02

Instrument :
MSVOA_V
ClientSampleId :
VBLK43

Tgt Ion: 83 Resp: 5575

Ion	Ratio	Lower	Upper
83	100		
85	75.7	45.4	84.4

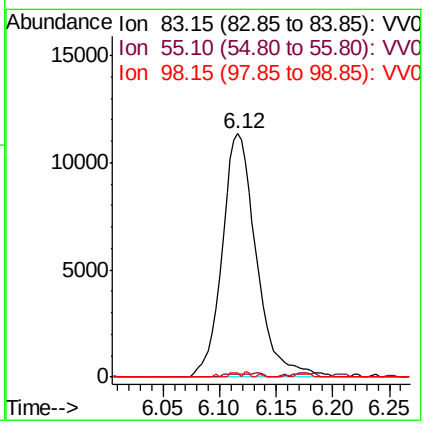


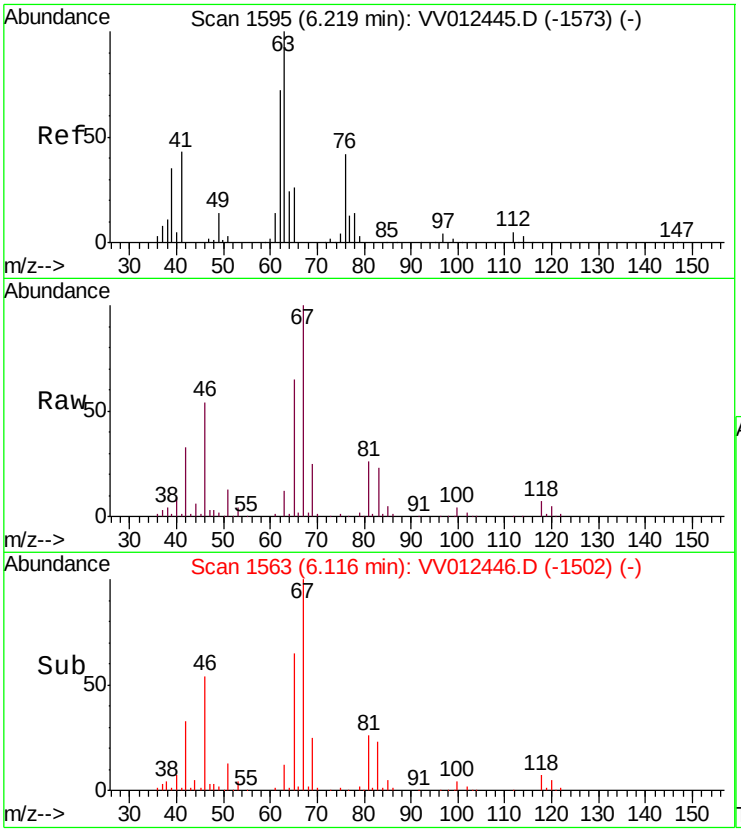


#35
Methylcyclohexane
Concen: 0.678 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012446.D
Acq: 30 Aug 2019 10:02

Tgt Ion: 83 Resp: 23850

Ion	Ratio	Lower	Upper
83	100		
55	0.4	67.8	101.6#
98	0.5	39.2	58.8#



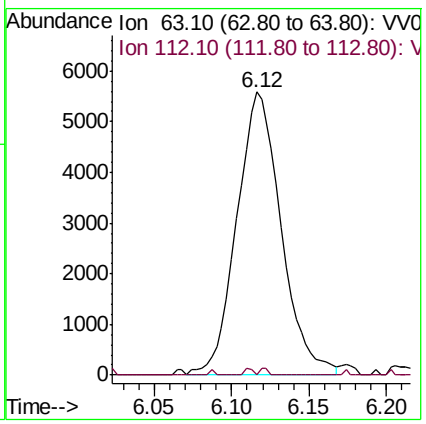


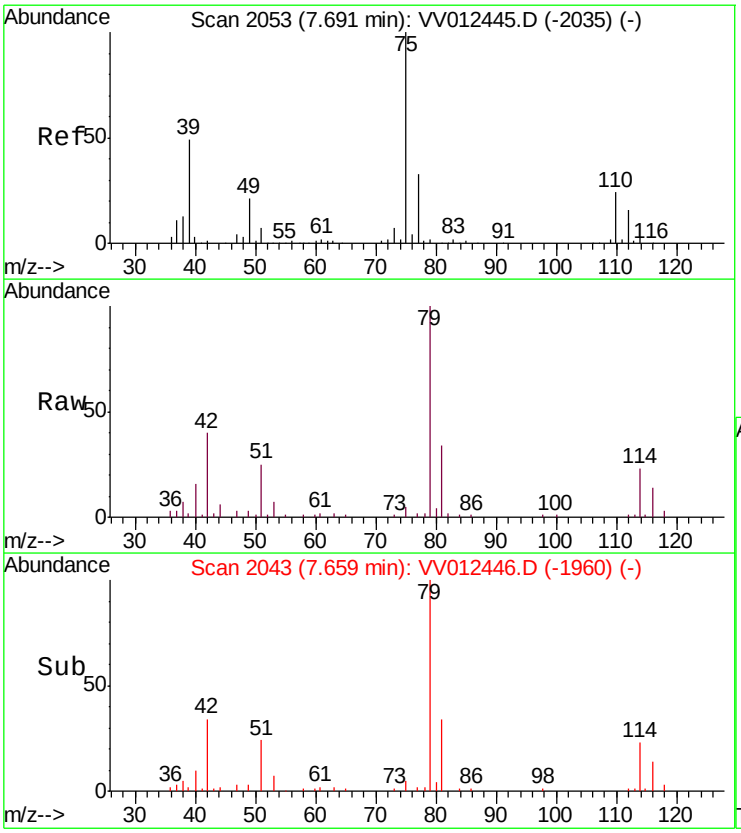
#37
1,2-Dichloropropane
Concen: 0.471 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012446.D
Acq: 30 Aug 2019 10:02

Instrument : MSVOA_V
ClientSampleId : VBLK43

Tgt Ion: 63 Resp: 11144

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.7	5.5#

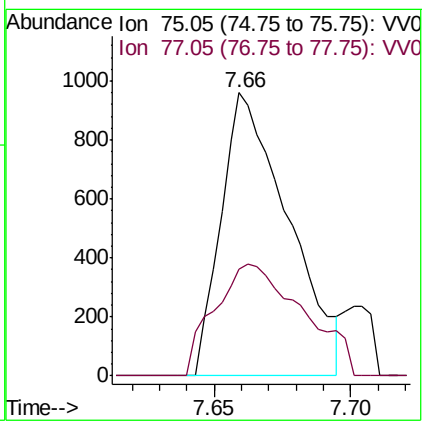


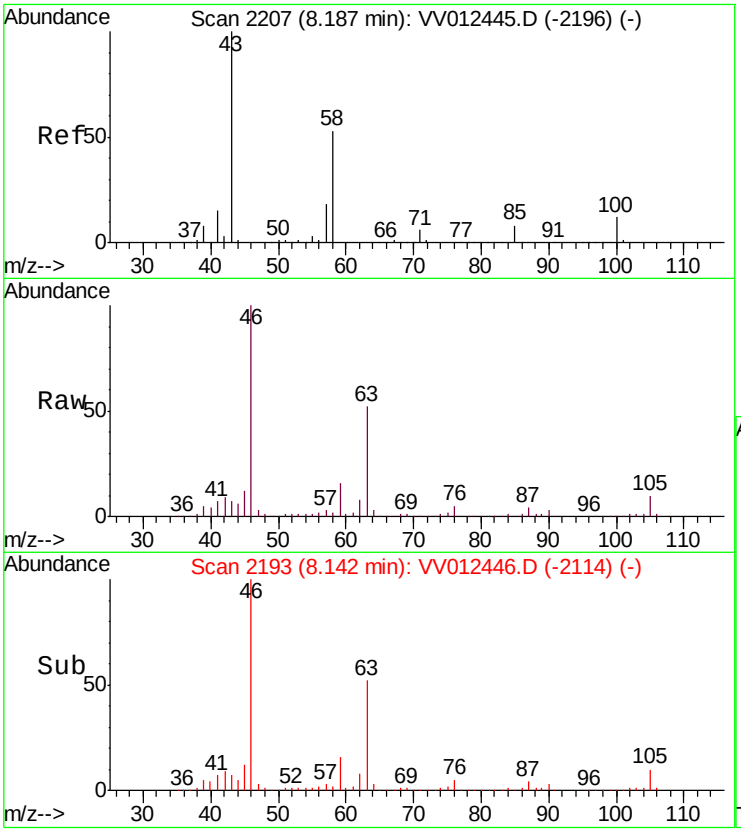


#44
trans-1,3-Dichloropropene
Concen: 0.069 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV012446.D
Acq: 30 Aug 2019 10:02

Tgt Ion: 75 Resp: 1645

Ion	Ratio	Lower	Upper
75	100		
77	37.5	20.6	38.4





#48
2-Hexanone
Concen: 2.411 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.04 min
Lab File: VV012446.D
Acq: 30 Aug 2019 10:02

Instrument :
MSVOA_V
ClientSampleId :
VBLK43

Tgt Ion: 43 Resp: 22006

Ion	Ratio	Lower	Upper
43	100		
58	40.6	43.6	65.4#
57	31.3	14.2	21.2#
100	3.6	8.9	13.3#