Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031619\

Quantitation Report (Not Reviewed)

Data File : VV009686.D
Acq On : 15 Mar 2019 15:06
Operator : SY/MD
Sample : VV0316MBL01
Misc : 5.00g/5.0mL/100uL/15.0mL/MSVOA_V/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK72

Quant Time: Mar 16 02:35:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 02:32:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	138064	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132324	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50735	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40914	50.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.14%			
7) Chloroethane-d5	1.57	69	44806	52.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.36%			
11) 1,1-Dichloroethene-d2	2.13	63	90242	41.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.72%			
21) 2-Butanone-d5	3.93	46	65246	108.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.05%			
24) Chloroform-d	4.40	84	90953	50.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.90%			
26) 1,2-Dichloroethane-d4	5.08	65	63740	53.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.94%			
32) Benzene-d6	5.10	84	189090	54.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.92%			
36) 1,2-Dichloropropane-d6	6.12	67	59604	57.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 115.86%			
41) Toluene-d8	7.36	98	175370	52.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.64%			
43) trans-1,3-Dichloropropene-	7.66	79	25506	48.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.00%			
47) 2-Hexanone-d5	8.13	63	47040	104.53	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.53%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	80915	48.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.92%			
64) 1,2-Dichlorobenzene-d4	11.68	152	58099	54.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.56%			

Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	822	0.436	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	822	0.786	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	509	0.569	ug/L #	1
25) Chloroform	4.42	83	3796	2.245	ug/L	84
27) 1,2-Dichloroethane	5.09	62	1140	0.861	ug/L #	78
39) cis-1,3-Dichloropropene	7.03	75	2324	1.723	ug/L	89
69) Naphthalene	13.56	128	3045	1.563	ug/L #	85
70) 1,2,3-Trichlorobenzene	13.80	180	407	0.558	ug/L #	90

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

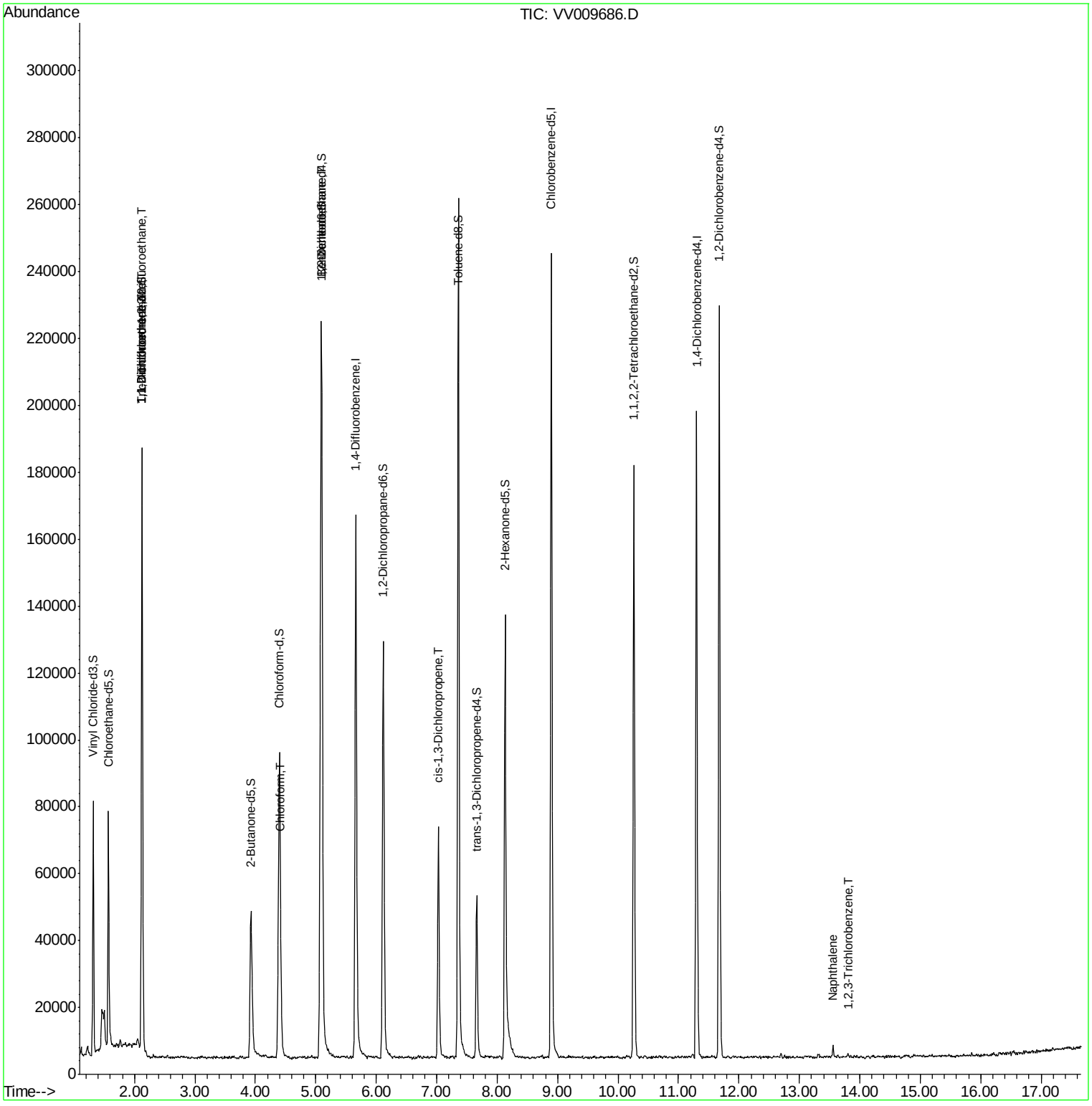
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031619\

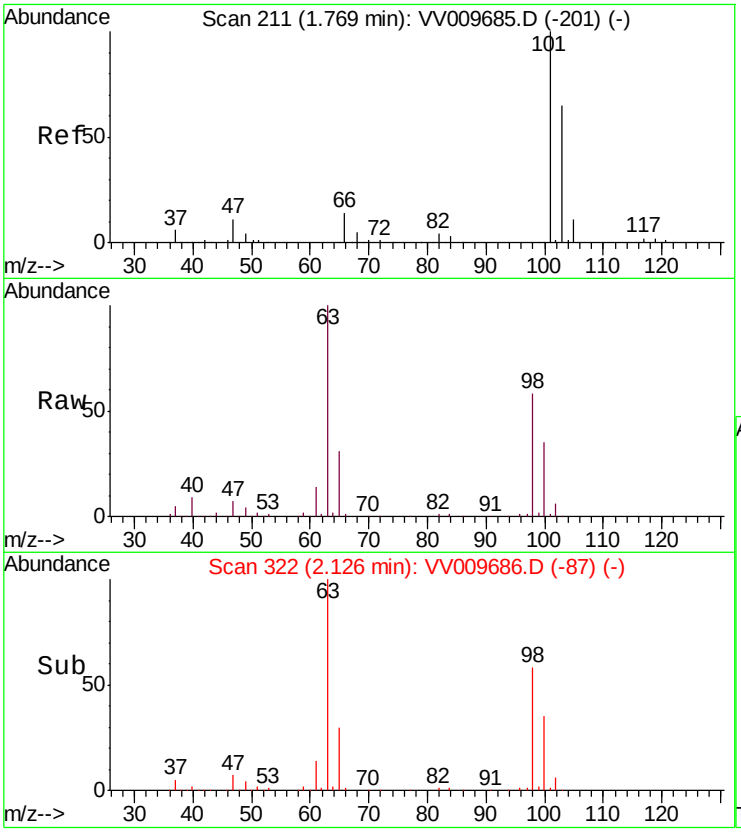
Quantitation Report (Not Reviewed)

Data File : VV009686.D
Acq On : 15 Mar 2019 15:06
Operator : SY/MD
Sample : VV0316MBL01
Misc : 5.00g/5.0mL/100uL/15.0mL/MSVOA_V/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK72

Quant Time: Mar 16 02:35:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 02:32:06 2019
Response via : Initial Calibration



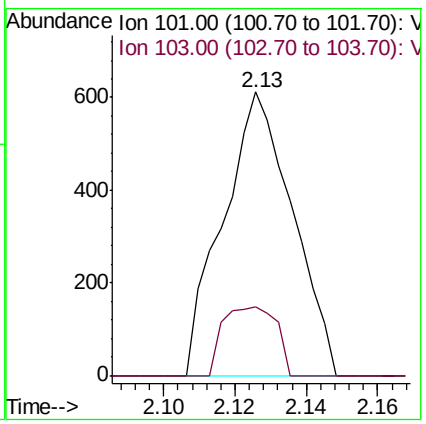


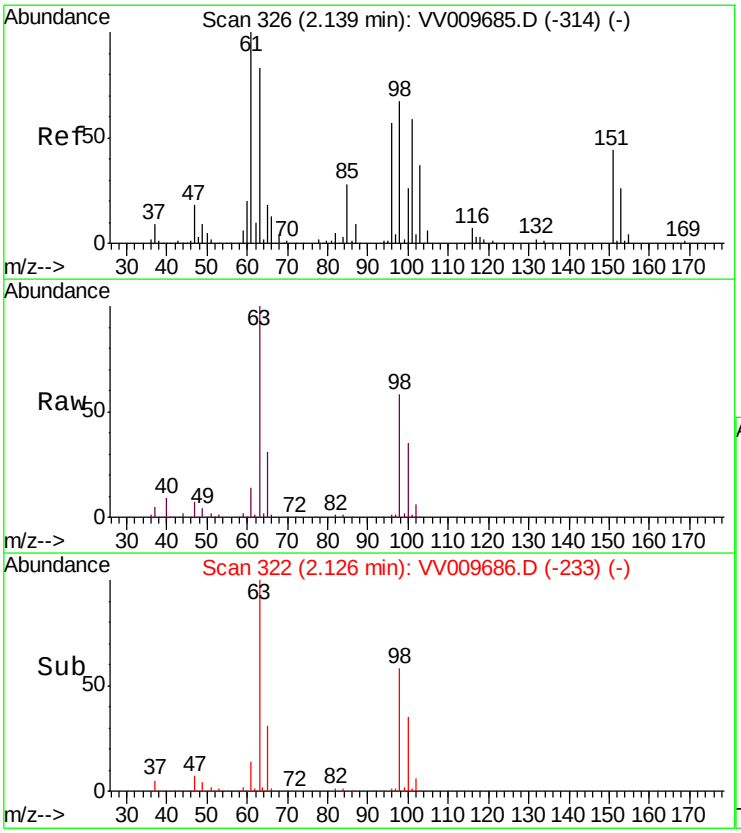
#9
Trichlorofluoromethane
Concen: 0.436 ug/L
RT: 2.13 min Scan# 322
Delta R.T. 0.36 min
Lab File: VV009686.D
Acq: 15 Mar 2019 15:06

Instrument :
MSVOA_V
ClientSampleId :
VBLK72

Tgt Ion:101 Resp: 822

Ion	Ratio	Lower	Upper
101	100		
103	18.6	51.8	77.6#

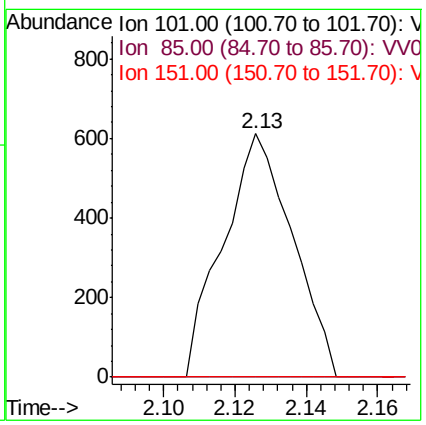


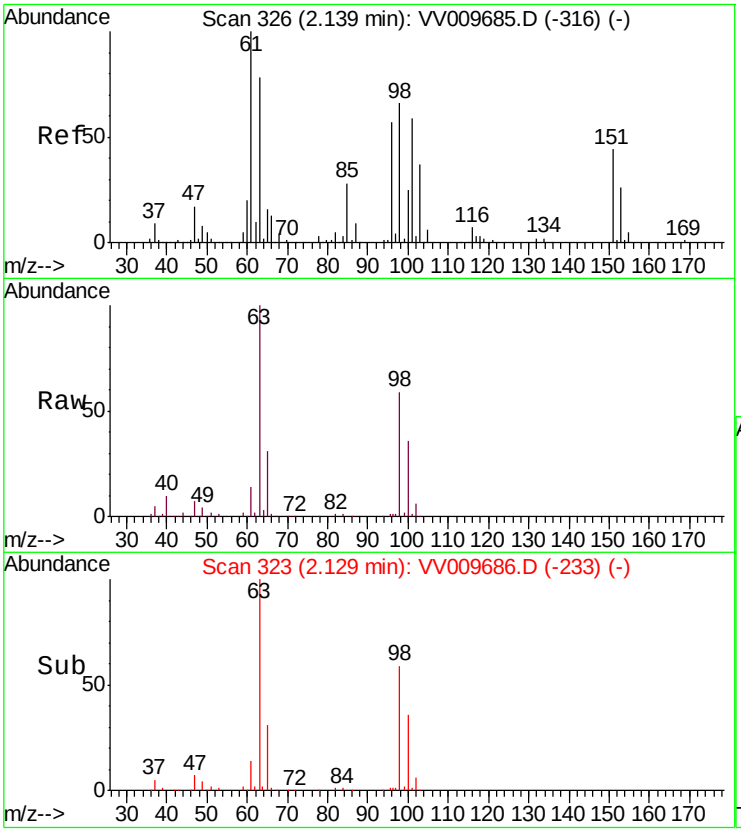


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.786 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV009686.D
Acq: 15 Mar 2019 15:06

Tgt Ion:101 Resp: 822

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.8	56.6#
151	0.0	59.6	89.4#



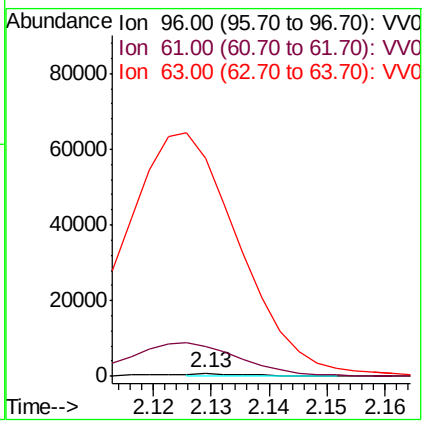


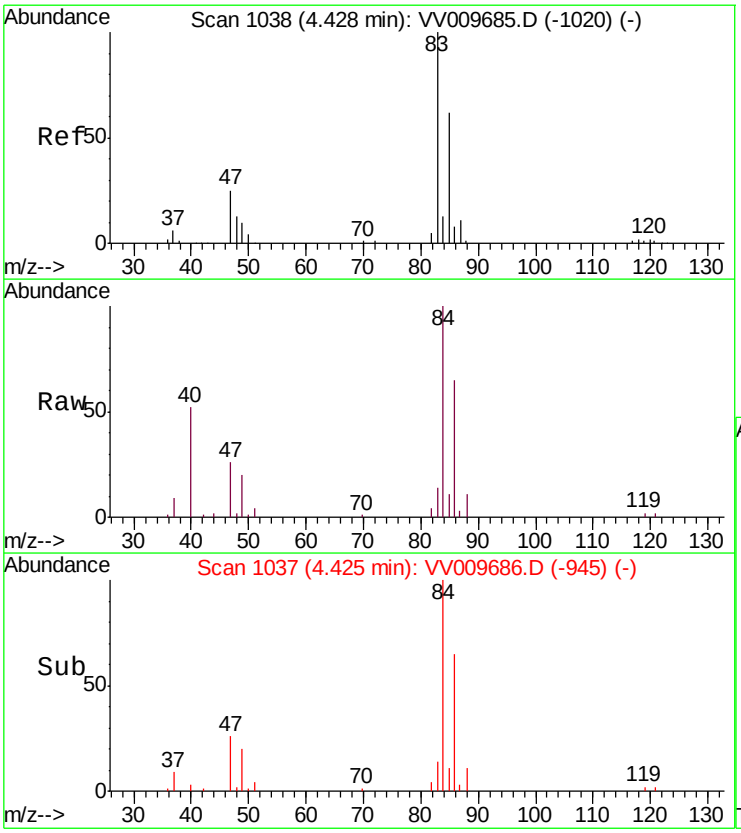
#12
1,1-Dichloroethene
Concen: 0.569 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV009686.D
Acq: 15 Mar 2019 15:06

Instrument : MSVOA_V
ClientSampleId : VBLK72

Tgt Ion: 96 Resp: 509

Ion	Ratio	Lower	Upper
96	100		
61	958.0	122.1	226.7#
63	6856.3	107.6	199.8#

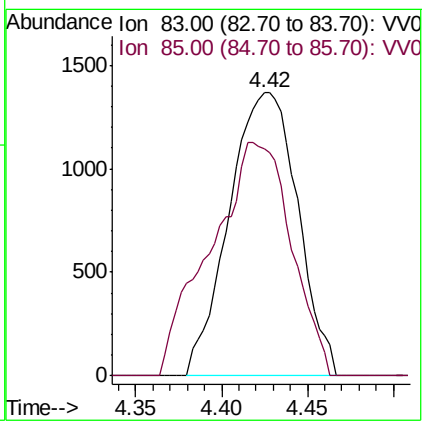


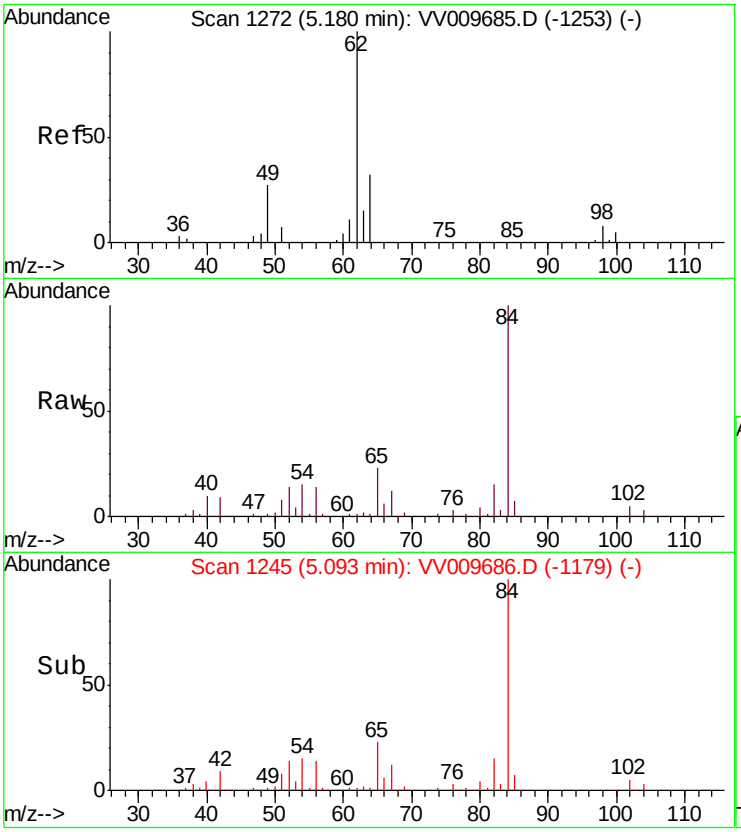


#25
Chloroform
Concen: 2.245 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV009686.D
Acq: 15 Mar 2019 15:06

Tgt Ion: 83 Resp: 3796

Ion	Ratio	Lower	Upper
83	100		
85	80.0	47.0	87.4



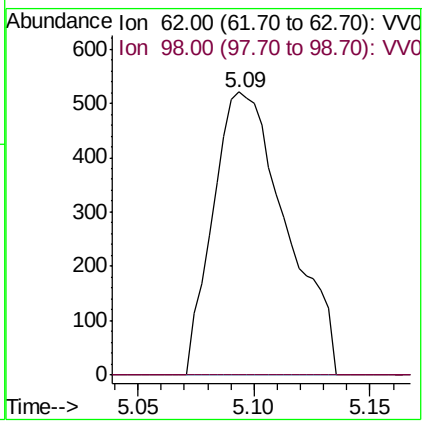


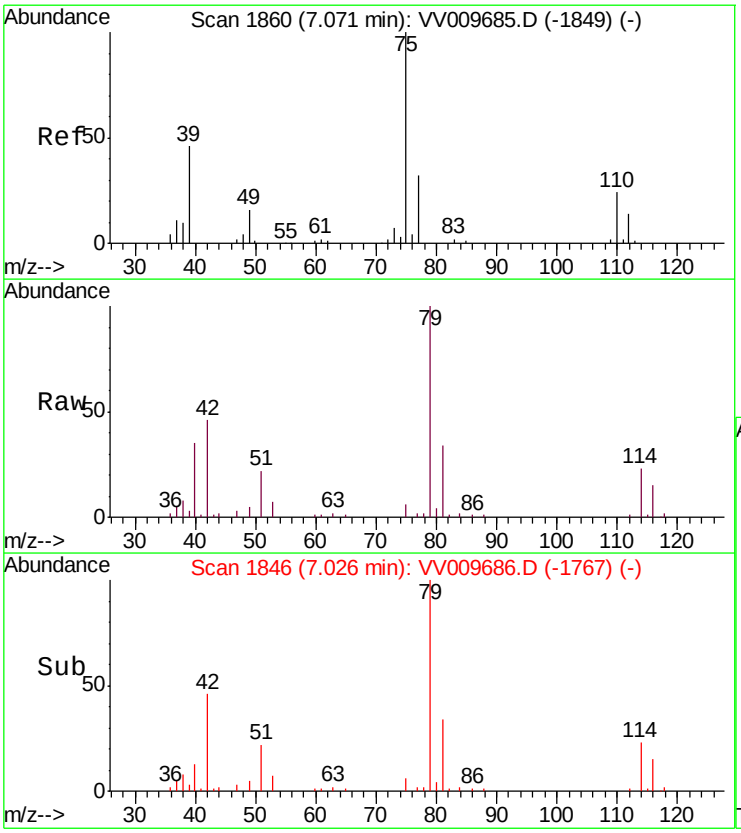
#27
1,2-Dichloroethane
Concen: 0.861 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VV009686.D
Acq: 15 Mar 2019 15:06

Instrument :
MSVOA_V
ClientSampleId :
VBLK72

Tgt Ion: 62 Resp: 1140

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.2	9.4#

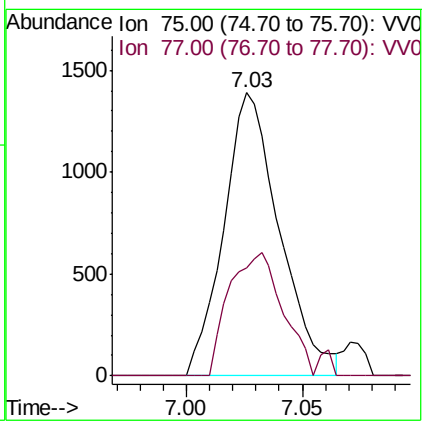


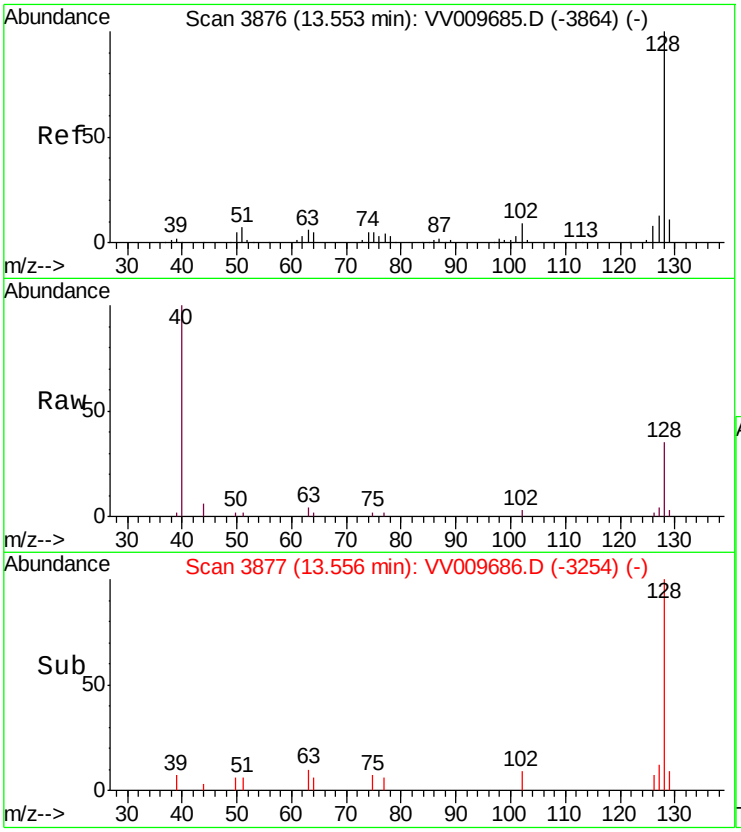


#39
cis-1,3-Dichloropropene
Concen: 1.723 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV009686.D
Acq: 15 Mar 2019 15:06

Tgt Ion: 75 Resp: 2324

Ion	Ratio	Lower	Upper
75	100		
77	38.2	22.3	41.5



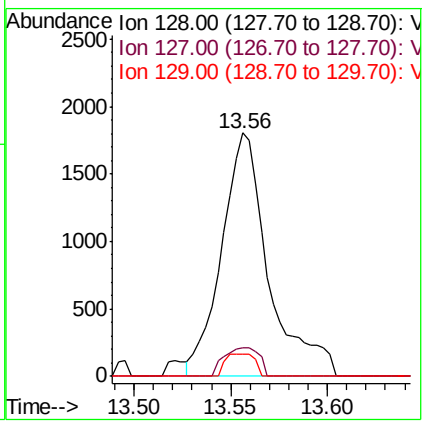


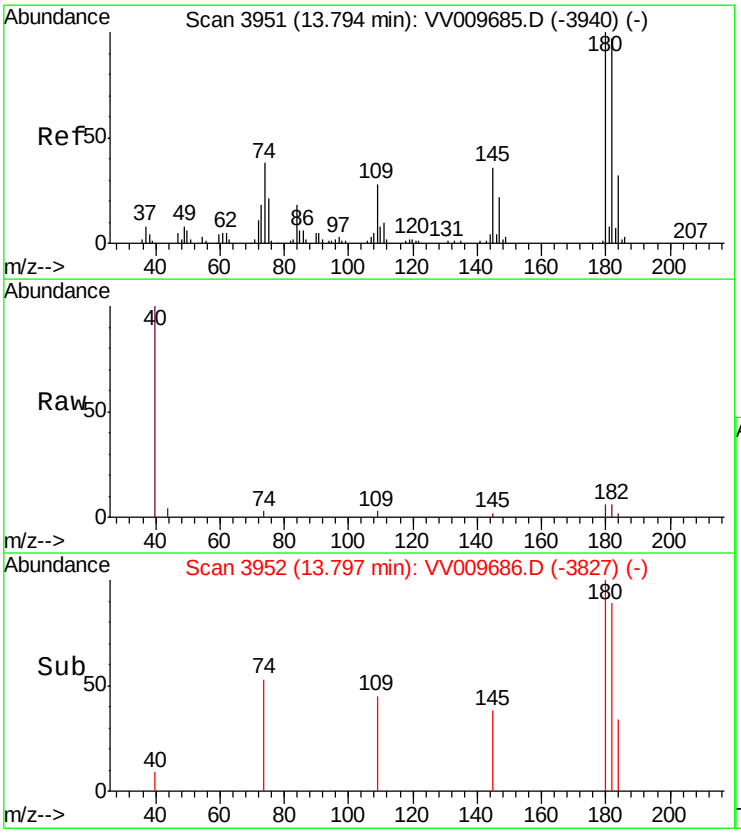
#69
Naphthalene
Concen: 1.563 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV009686.D
Acq: 15 Mar 2019 15:06

Instrument : MSVOA_V
ClientSampleId : VBLK72

Tgt Ion:128 Resp: 3045

Ion	Ratio	Lower	Upper
128	100		
127	8.8	10.5	15.7#
129	3.7	8.8	13.2#





#70
1,2,3-Trichlorobenzene
Concen: 0.558 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV009686.D
Acq: 15 Mar 2019 15:06

Tgt Ion:180 Resp: 407

Ion	Ratio	Lower	Upper
180	100		
182	88.9	73.4	110.0
145	16.2	27.0	40.4#