Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\

Quantitation Report (Not Reviewed)

Data File : VV009973.D
Acq On : 28 Mar 2019 18:31
Operator : SY/MD
Sample : K2085-04
Misc : 5.46G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7X1

Quant Time: Mar 29 02:24:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142392	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	147019	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58590	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	63898	22.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.44%			
7) Chloroethane-d5	1.56	69	79885	25.60	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.40%			
10) 1,1-Dichloroethene-d2	2.12	63	152523	19.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.20%			
20) 2-Butanone-d5	3.93	46	39272	72.94	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 145.88%#			
24) Chloroform-d	4.40	84	97712	26.93	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.72%			
26) 1,2-Dichloroethane-d4	5.08	65	65882	30.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 120.72%			
29) Benzene-d6	5.10	84	206101	26.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.76%			
33) 1,2-Dichloropropane-d6	6.12	67	63923	28.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 113.20%			
37) Toluene-d8	7.36	98	180324	24.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.72%			
38) trans-1,3-Dichloropropene-	7.66	79	21783	23.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.28%			
39) 2-Hexanone-d5	8.13	63	28193	66.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 133.74%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	65210	29.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 116.64%			
61) 1,2-Dichlorobenzene-d4	11.68	152	63263	28.36	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.44%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.12	96	1622	0.466	ug/L #	1
13) Acetone	2.18	43	2074	2.544	ug/L	92
16) Methylene chloride	2.53	84	6659	2.840	ug/L	92
25) Chloroform	4.43	83	8173	2.166	ug/L	95
35) Trichloroethene	5.66	95	4569	2.146	ug/L #	5
36) Methylcyclohexane	6.12	83	16092	4.816	ug/L #	22
42) cis-1,3-Dichloropropene	7.03	75	2213	0.752	ug/L #	58
45) trans-1,3-Dichloropropene	7.66	75	1357	0.564	ug/L	90
59) 1,2,3-Trichloropropane	11.30	75	9301	5.730	ug/L	89

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

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Quantitation Report (Not Reviewed)

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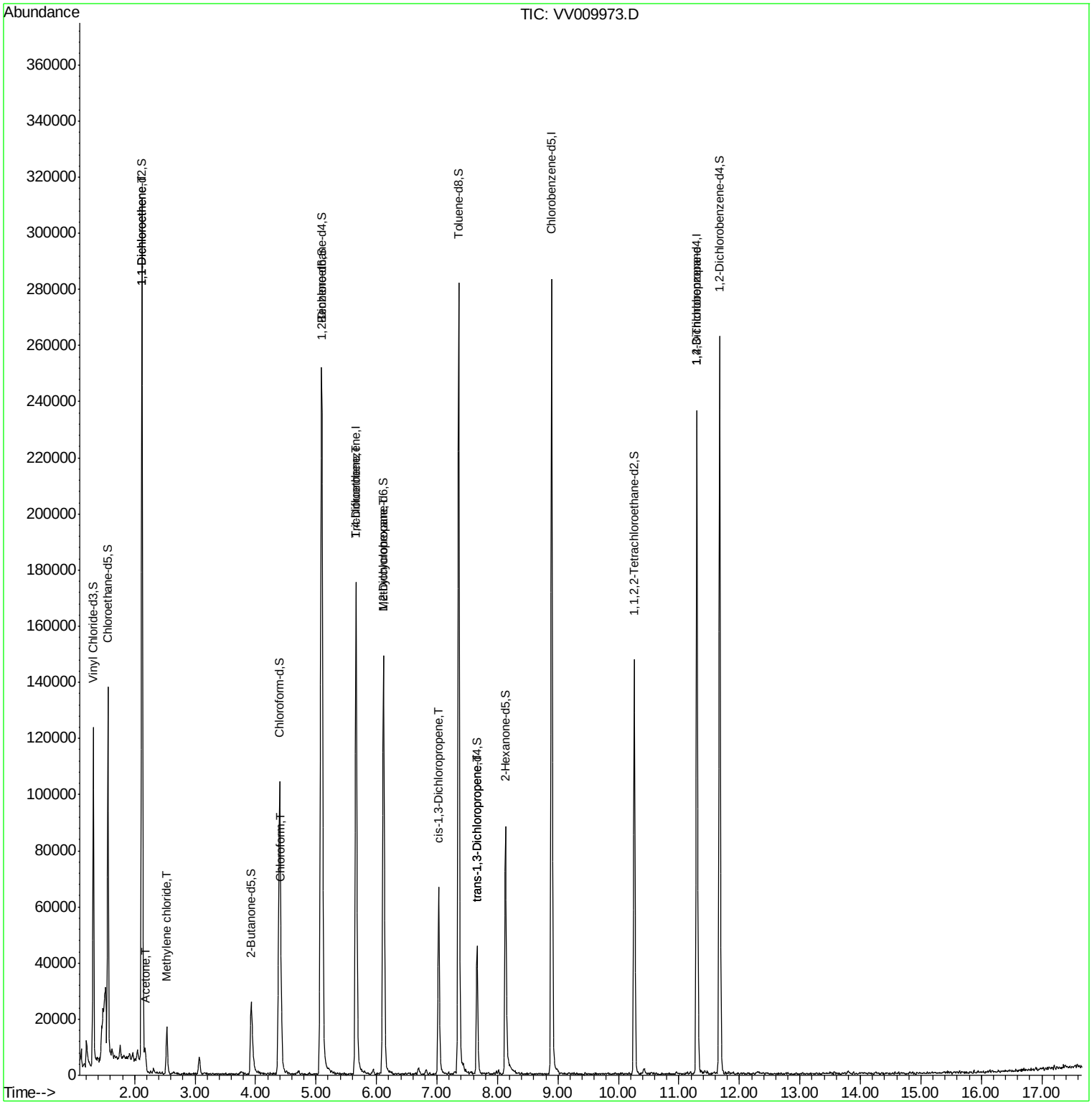
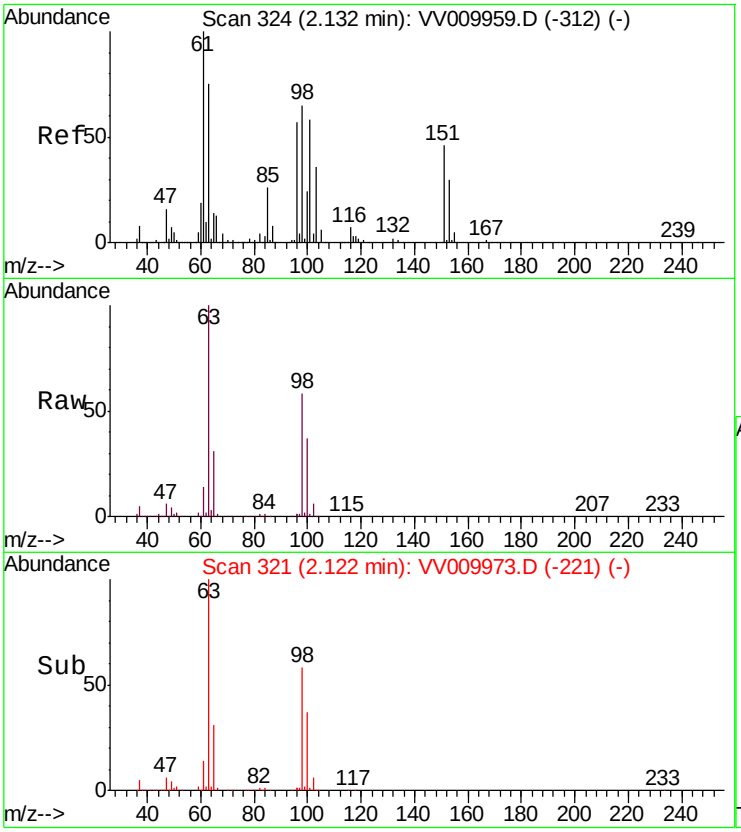
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7X1

Quant Time: Mar 29 02:24:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration



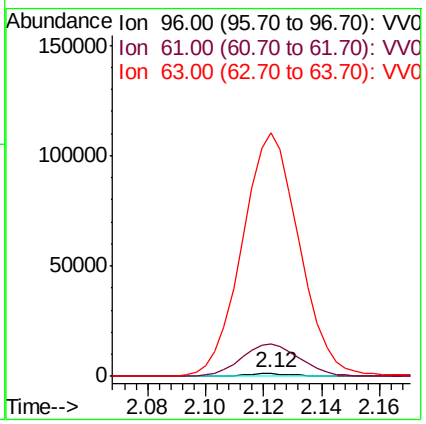


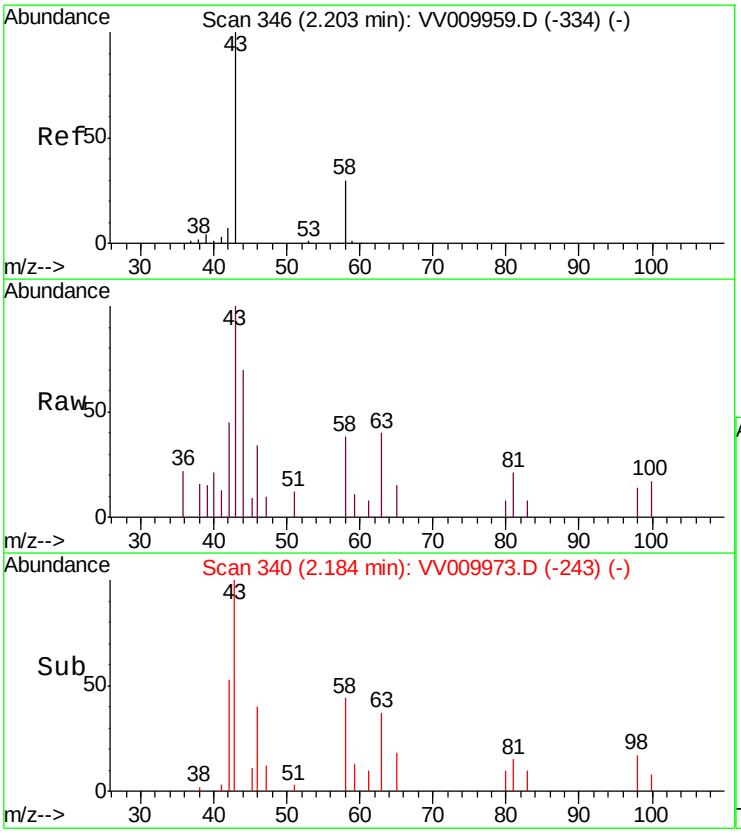
#12
1,1-Dichloroethene
Concen: 0.466 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV009973.D
Acq: 28 Mar 2019 18:31

Instrument :
MSVOA_V
ClientSampleId :
BF7X1

Tgt Ion: 96 Resp: 1622

Ion	Ratio	Lower	Upper
96	100		
61	1069.3	124.3	230.8#
63	7903.7	88.2	163.8#

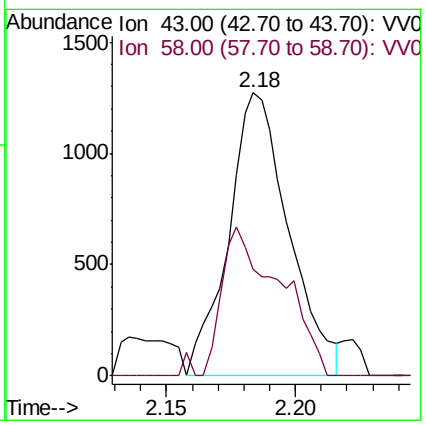


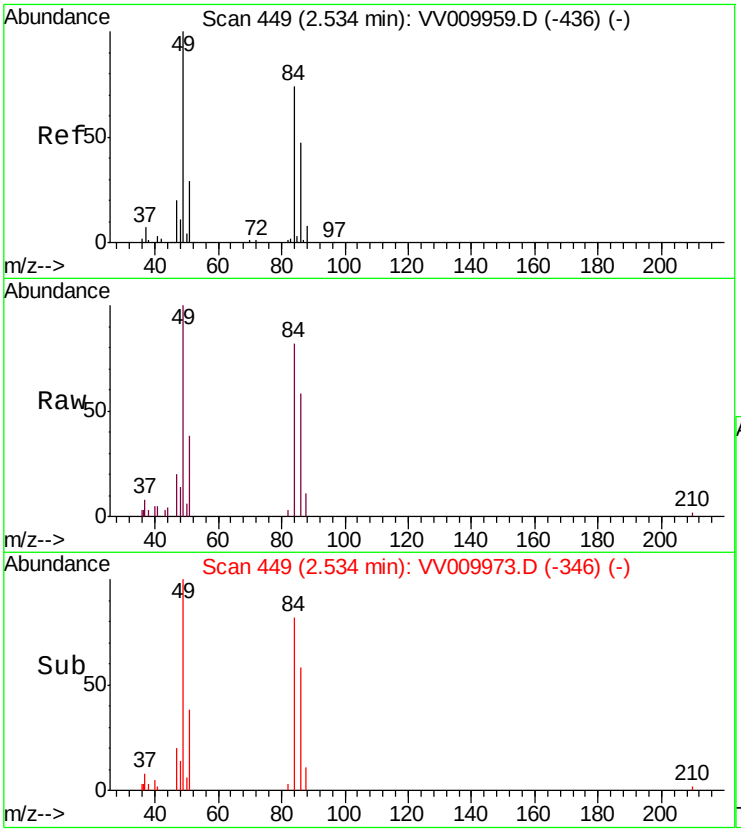


#13
Acetone
Concen: 2.544 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.02 min
Lab File: VV009973.D
Acq: 28 Mar 2019 18:31

Tgt Ion: 43 Resp: 2074

Ion	Ratio	Lower	Upper
43	100		
58	34.1	0.0	59.4



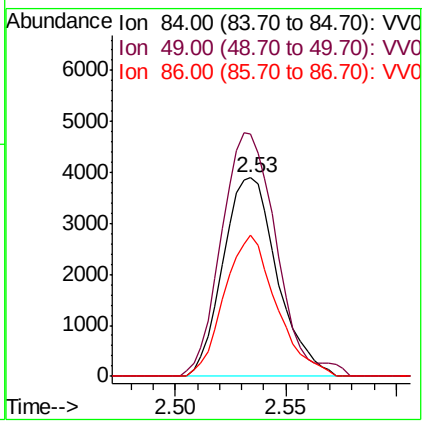


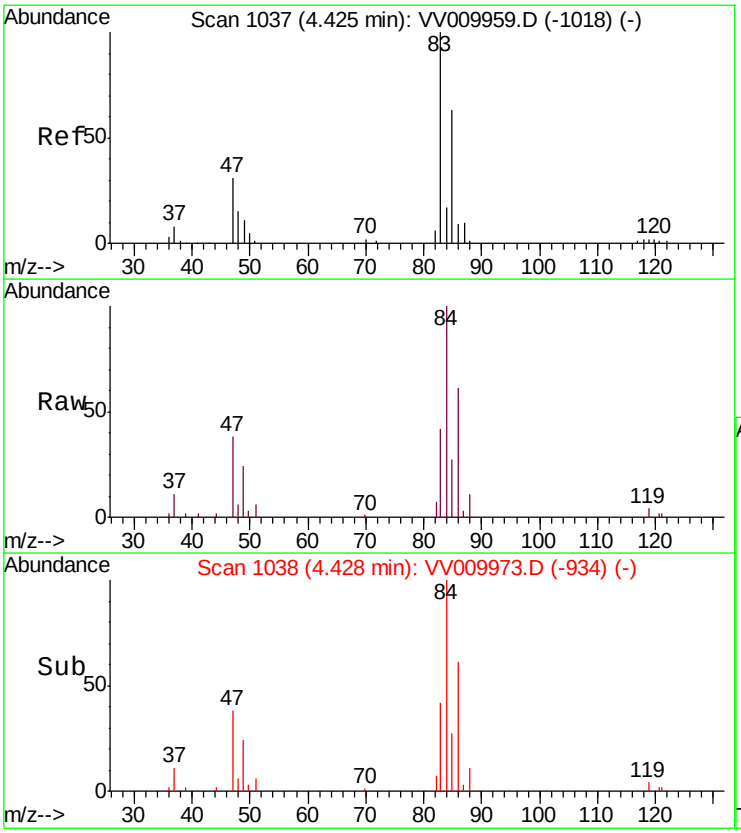
#16
Methylene chloride
Concen: 2.840 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009973.D
Acq: 28 Mar 2019 18:31

Instrument :
MSVOA_V
ClientSampleId :
BF7X1

Tgt Ion: 84 Resp: 6659

Ion	Ratio	Lower	Upper
84	100		
49	121.9	90.4	167.8
86	71.2	44.0	81.6

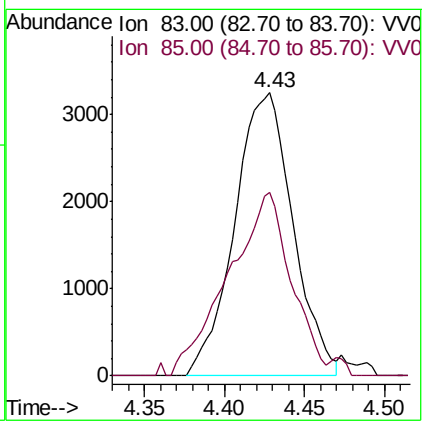


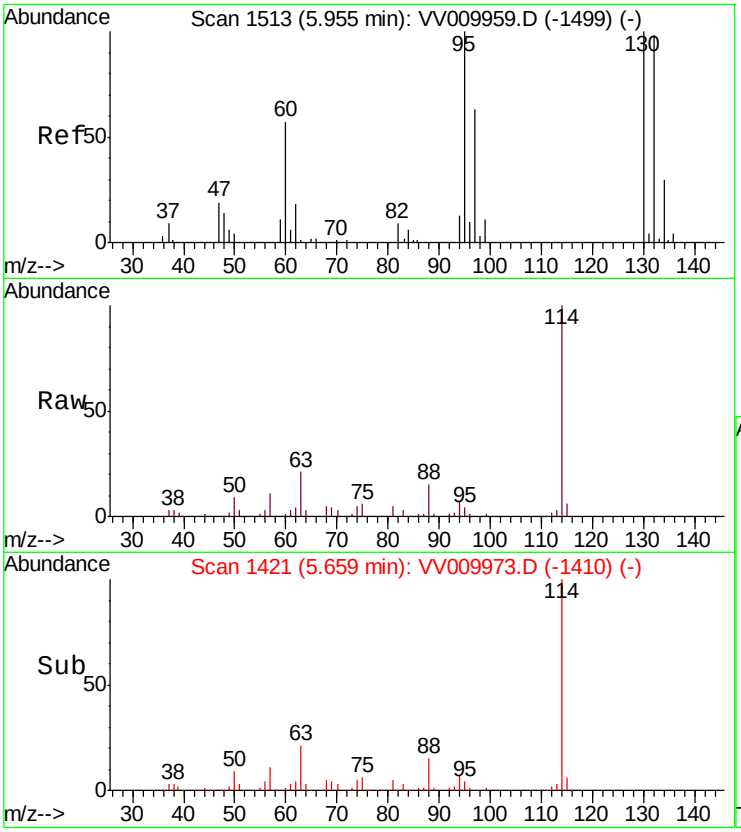


#25
Chloroform
Concen: 2.166 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009973.D
Acq: 28 Mar 2019 18:31

Tgt Ion: 83 Resp: 8173

Ion	Ratio	Lower	Upper
83	100		
85	70.0	46.1	85.7



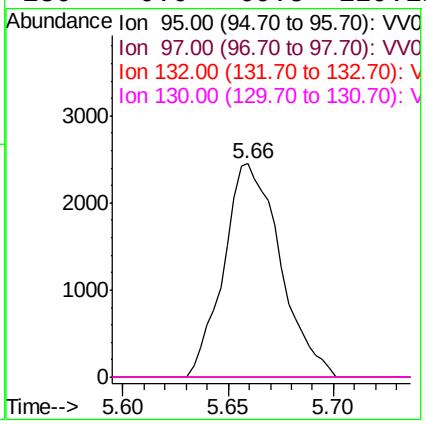


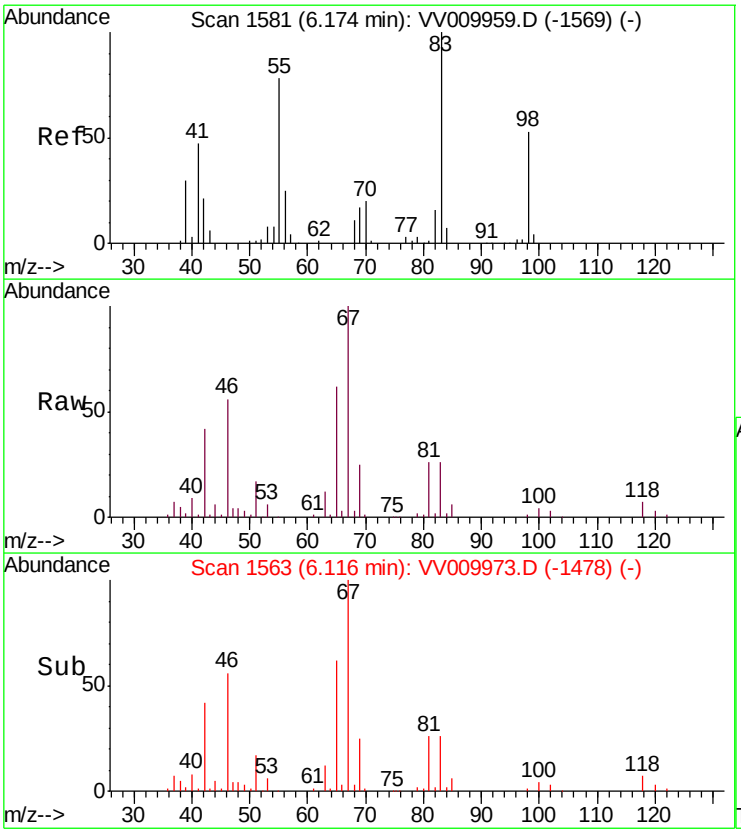
#35
Trichloroethene
Concen: 2.146 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV009973.D
Acq: 28 Mar 2019 18:31

Instrument :
MSVOA_V
ClientSampleId :
BF7X1

Tgt Ion: 95 Resp: 4569

Ion	Ratio	Lower	Upper
95	100		
97	2.8	46.3	85.9#
132	0.0	69.3	128.7#
130	0.0	69.5	129.1#

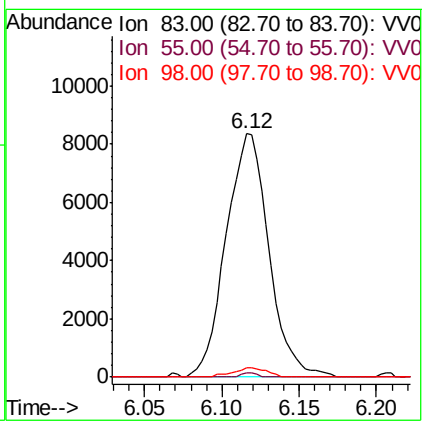


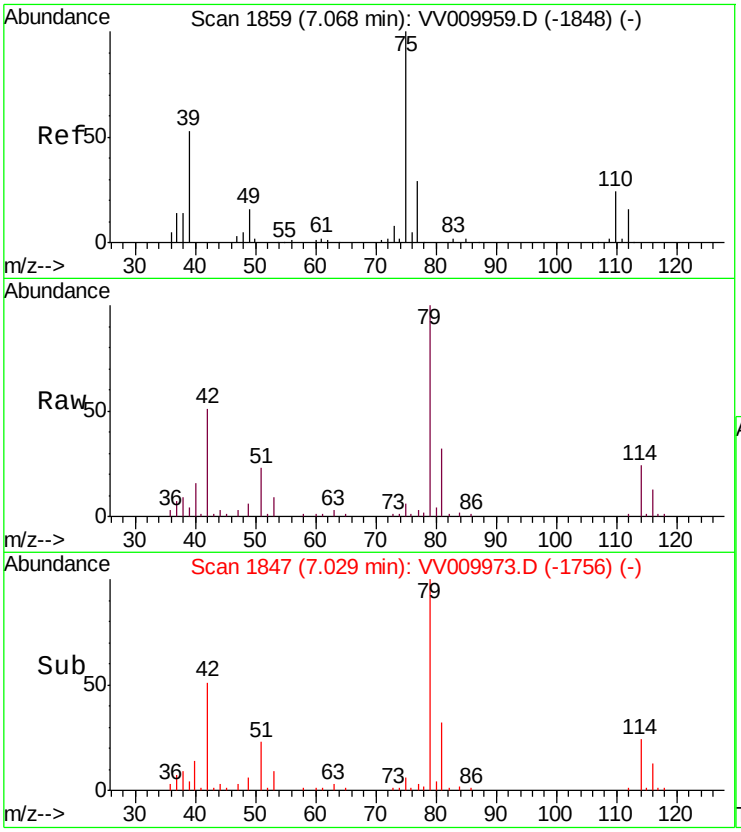


#36
Methylcyclohexane
Concen: 4.816 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009973.D
Acq: 28 Mar 2019 18:31

Tgt Ion: 83 Resp: 16092

Ion	Ratio	Lower	Upper
83	100		
55	0.6	57.3	85.9#
98	2.6	39.2	58.8#



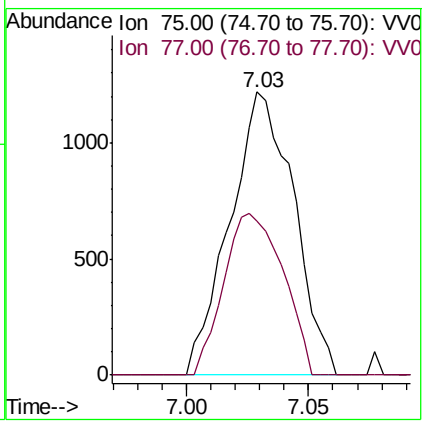


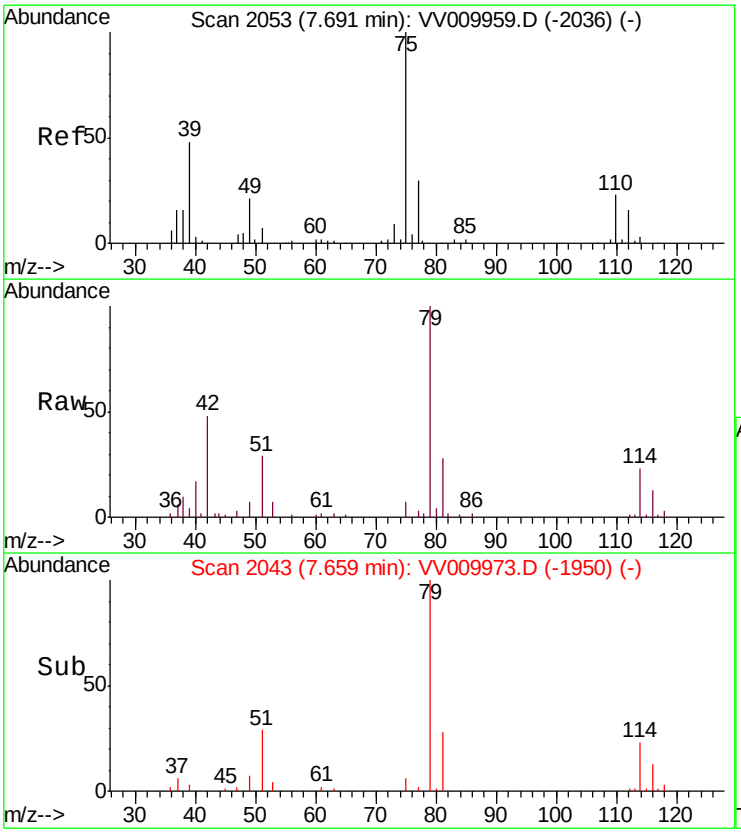
#42
cis-1,3-Dichloropropene
Concen: 0.752 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009973.D
Acq: 28 Mar 2019 18:31

Instrument :
MSVOA_V
ClientSampleId :
BF7X1

Tgt Ion: 75 Resp: 2213

Ion	Ratio	Lower	Upper
75	100		
77	54.4	21.8	40.6#

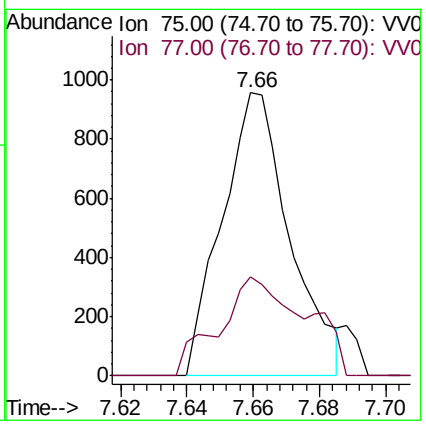


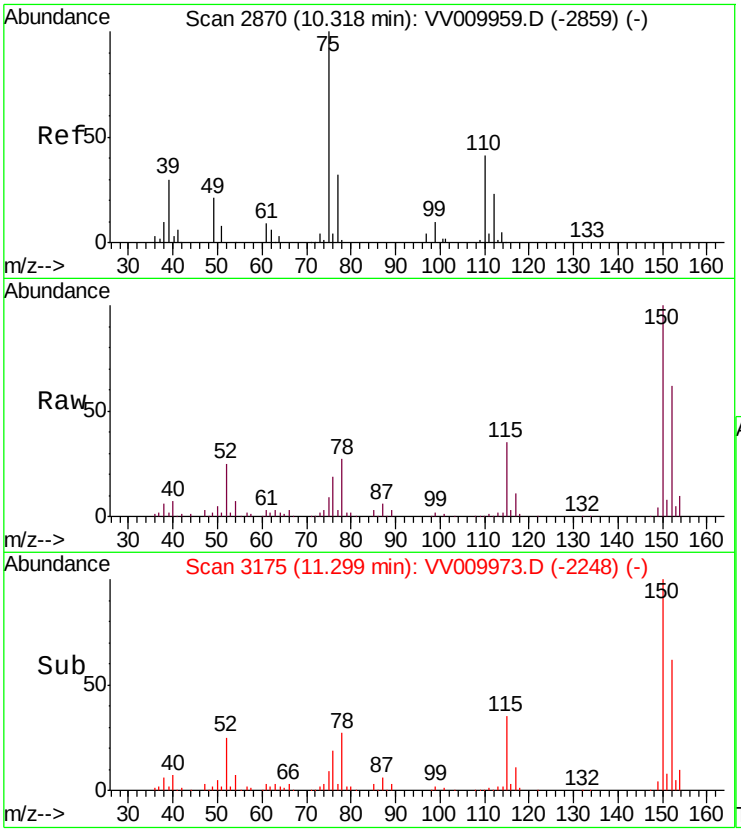


#45
trans-1,3-Dichloropropene
Concen: 0.564 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV009973.D
Acq: 28 Mar 2019 18:31

Tgt Ion: 75 Resp: 1357

Ion	Ratio	Lower	Upper
75	100		
77	34.8	20.7	38.5





#59
1,2,3-Trichloropropane
Concen: 5.730 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009973.D
Acq: 28 Mar 2019 18:31

Instrument :
MSVOA_V
ClientSampleId :
BF7X1

Tgt Ion: 75 Resp: 9301

Ion	Ratio	Lower	Upper
75	100		
77	38.7	26.2	39.2