Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031319\

Quantitation Report (Not Reviewed)

Data File : VV009654.D
Acq On : 13 Mar 2019 23:35
Operator : SY/MD
Sample : K1794-17
Misc : 3.79G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5P4

Quant Time: Mar 14 07:42:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	75547	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	68375	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	18903	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	6104	6.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 25.28%#			
7) Chloroethane-d5	1.57	69	15033	12.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 50.44%			
10) 1,1-Dichloroethene-d2	2.13	63	23151	8.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 35.48%#			
20) 2-Butanone-d5	3.98	46	42	0.17	ug/L	0.06
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.34%#			
24) Chloroform-d	4.40	84	51448	26.71	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.84%			
26) 1,2-Dichloroethane-d4	5.08	65	35255	32.35	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 129.40%			
29) Benzene-d6	5.10	84	91387	25.48	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.92%			
33) 1,2-Dichloropropane-d6	6.12	67	36160	34.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 138.00%#			
37) Toluene-d8	7.36	98	77399	22.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.20%			
38) trans-1,3-Dichloropropene-	7.67	79	2794	5.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 23.20%#			
39) 2-Hexanone-d5	8.15	63	51	0.26	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.52%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	27744	27.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.84%			
61) 1,2-Dichlorobenzene-d4	11.68	152	17657	24.11	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.44%			
Target Compounds						Qvalue
13) Acetone	2.18	43	2496	8.183	ug/L	96
15) Methyl Acetate	2.46	43	331	0.744	ug/L #	51
16) Methylene chloride	2.53	84	4245	3.860	ug/L	96
25) Chloroform	4.42	83	2398	1.222	ug/L #	71
27) 1,2-Dichloroethane	5.10	62	517	0.381	ug/L #	75
35) Trichloroethene	5.66	95	2437	2.264	ug/L #	5
40) 1,2-Dichloropropane	6.11	63	4146	4.402	ug/L #	88
59) 1,2,3-Trichloropropane	11.30	75	2849	3.890	ug/L #	78

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031319\

Quantitation Report (Not Reviewed)

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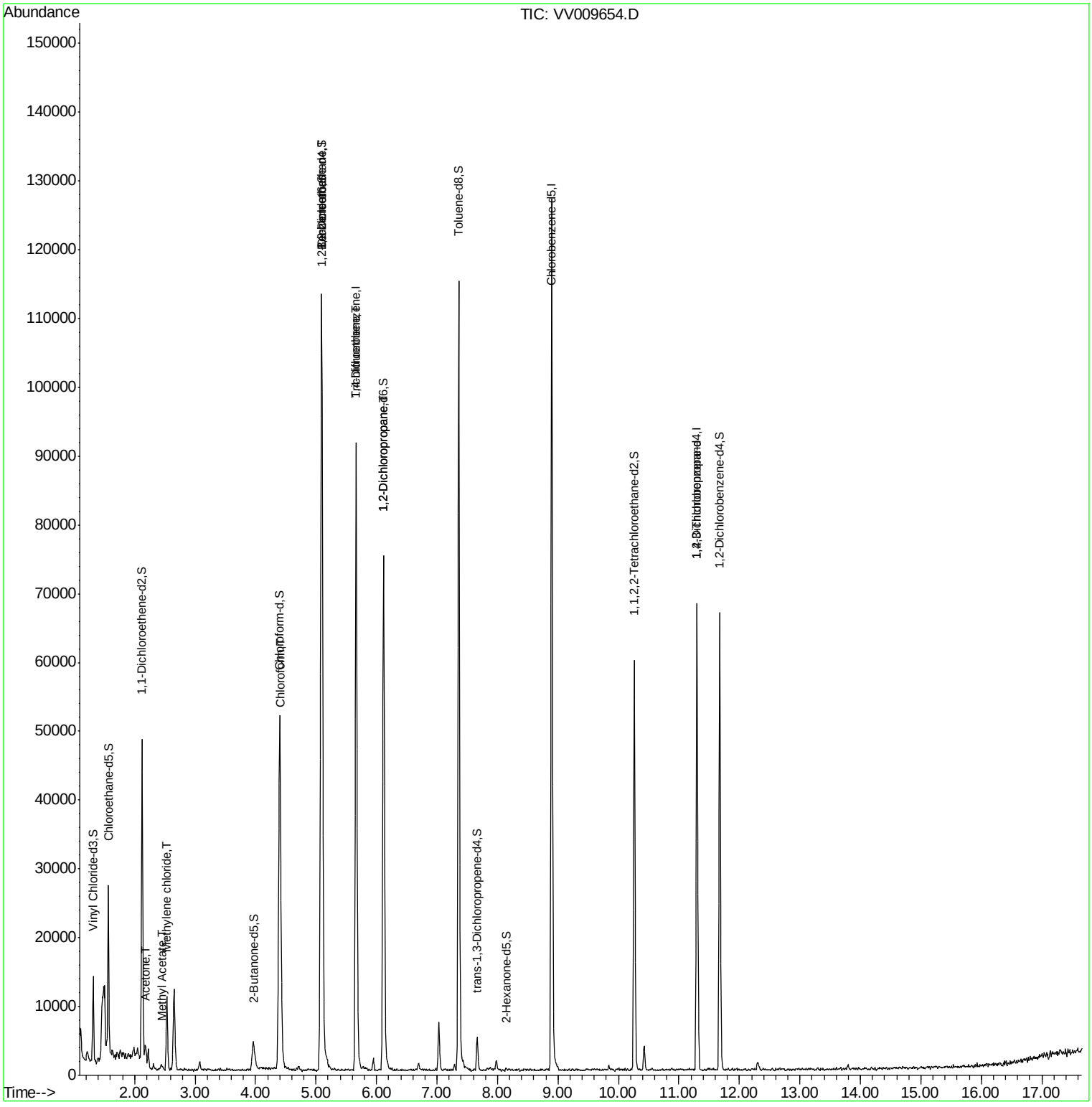
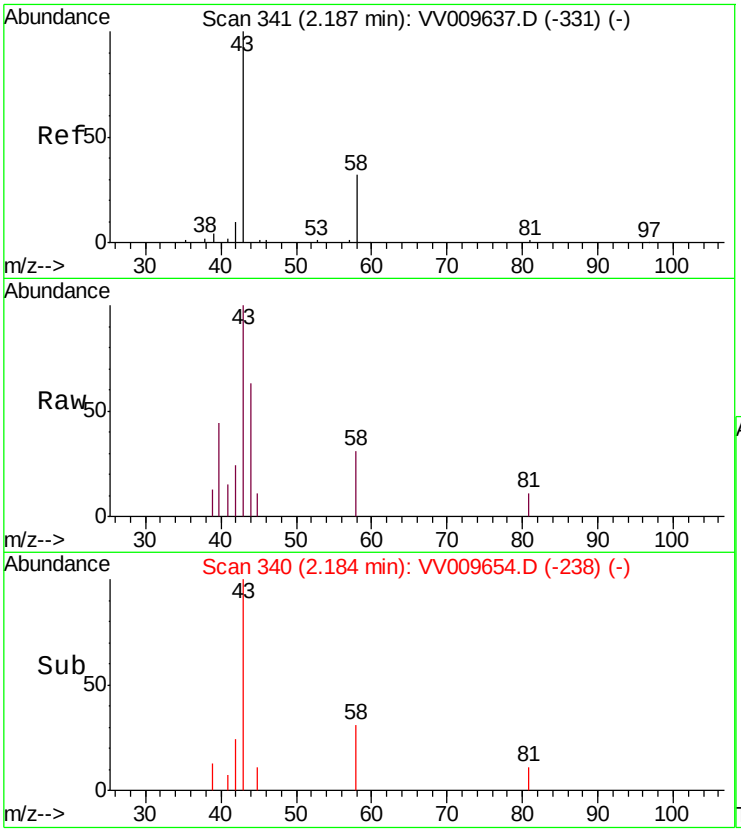
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5P4

Quant Time: Mar 14 07:42:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration



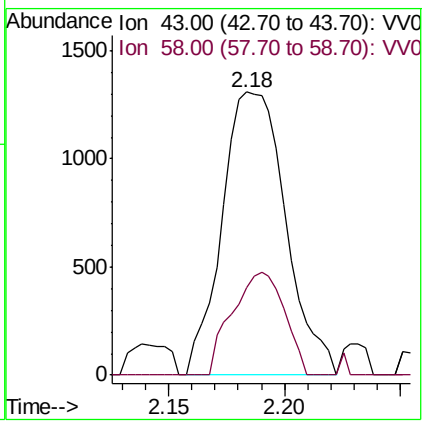


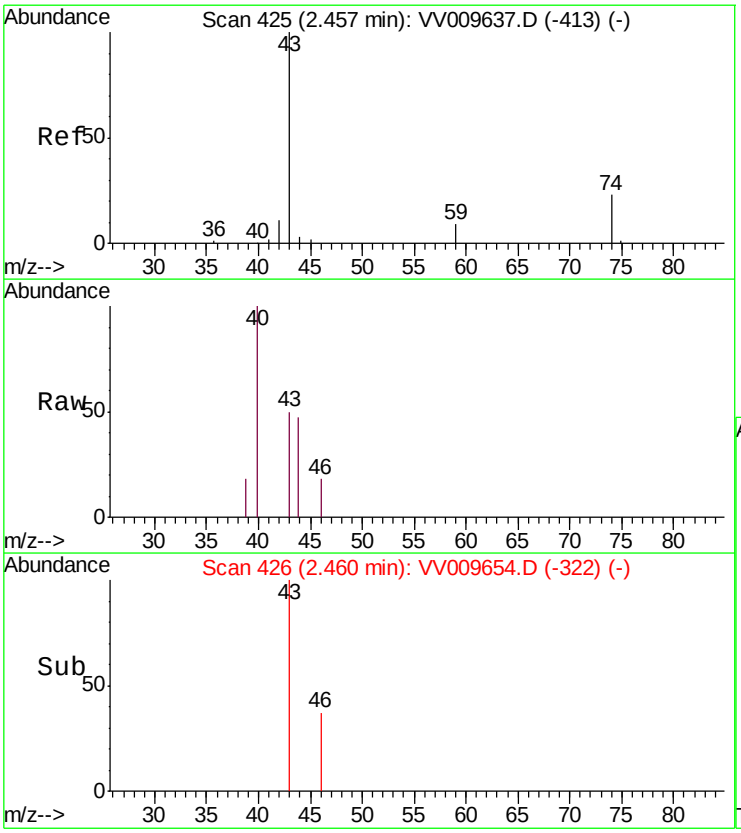
#13
Acetone
Concen: 8.183 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV009654.D
Acq: 13 Mar 2019 23:35

Instrument :
MSVOA_V
ClientSampleId :
BF5P4

Tgt Ion: 43 Resp: 2496

Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	64.8

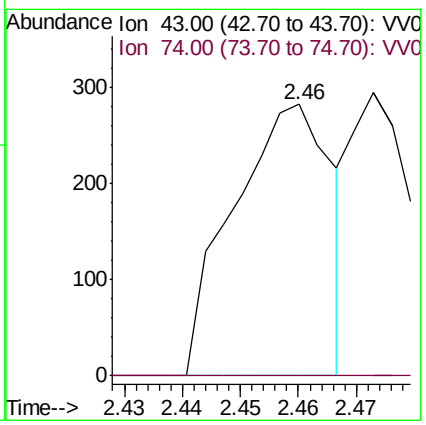


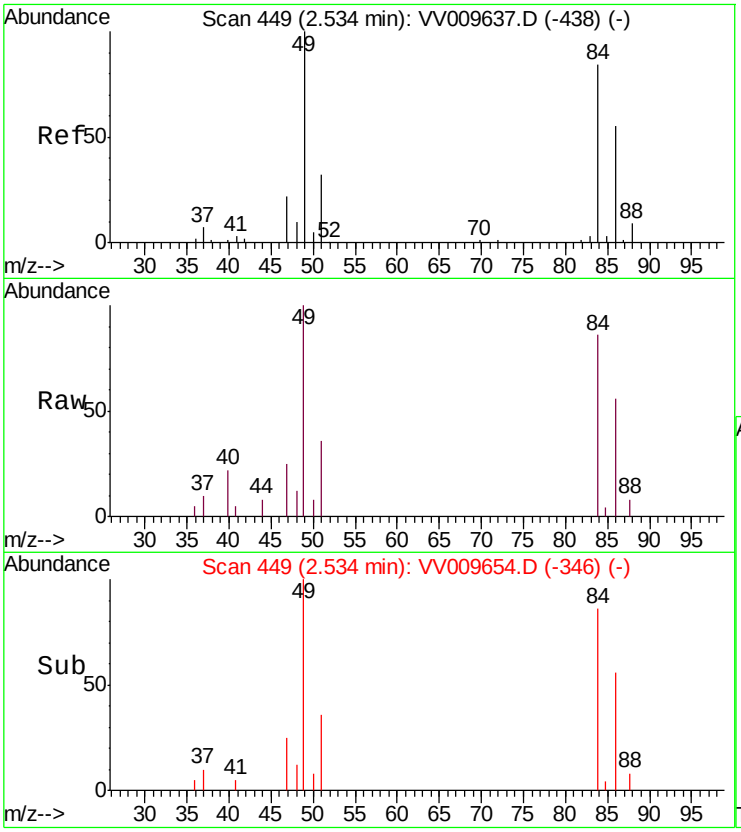


#15
Methyl Acetate
Concen: 0.744 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: VV009654.D
Acq: 13 Mar 2019 23:35

Tgt Ion: 43 Resp: 331

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.8	29.6#



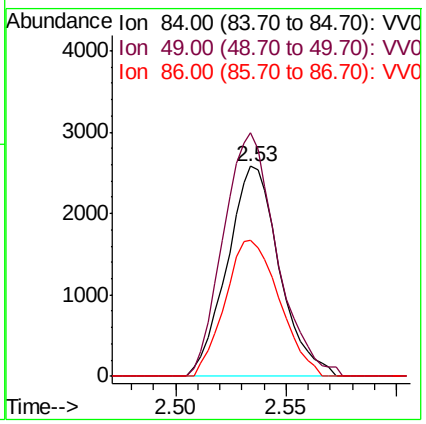


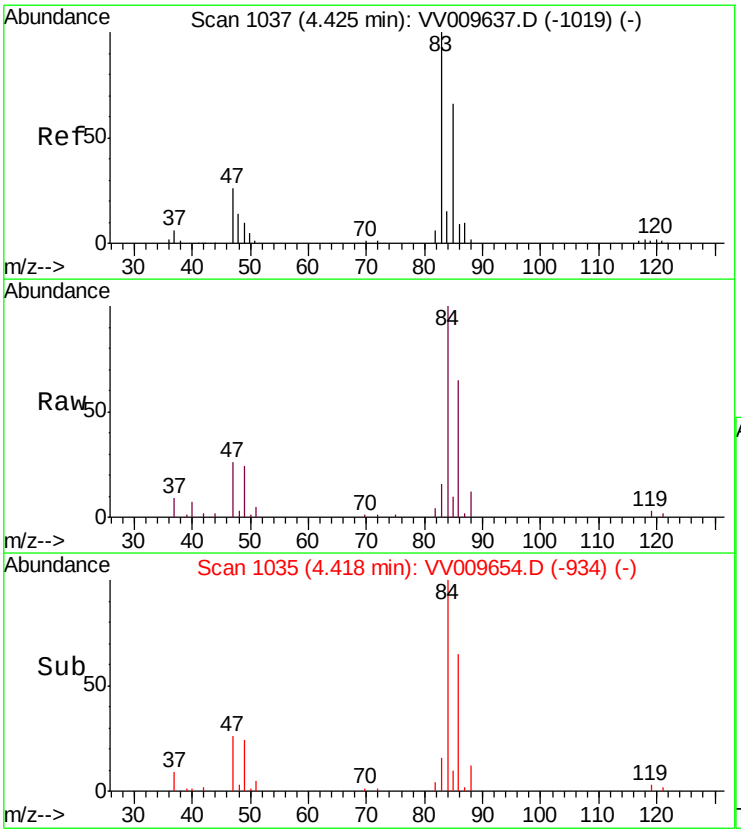
#16
Methylene chloride
Concen: 3.860 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009654.D
Acq: 13 Mar 2019 23:35

Instrument :
MSVOA_V
ClientSampleId :
BF5P4

Tgt Ion: 84 Resp: 4245

Ion	Ratio	Lower	Upper
84	100		
49	116.1	86.1	159.9
86	64.9	45.2	84.0

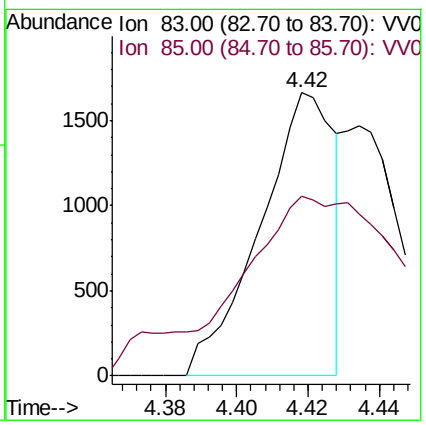


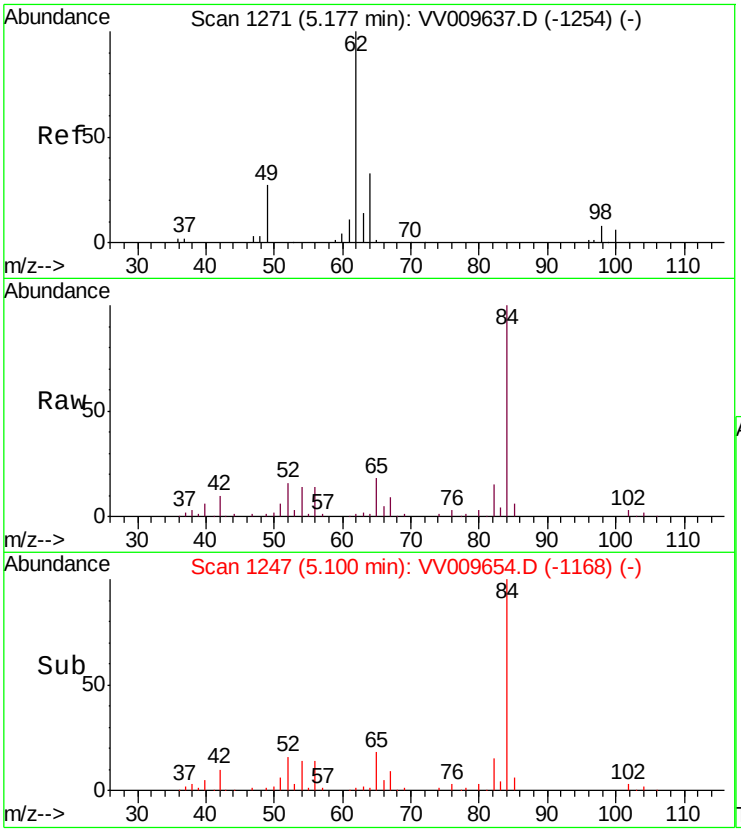


#25
Chloroform
Concen: 1.222 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV009654.D
Acq: 13 Mar 2019 23:35

Tgt Ion: 83 Resp: 2398

Ion	Ratio	Lower	Upper
83	100		
85	42.9	46.4	86.2#



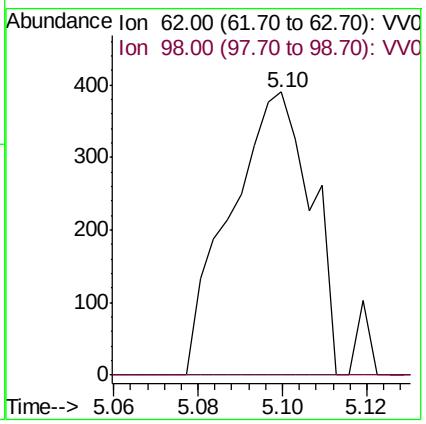


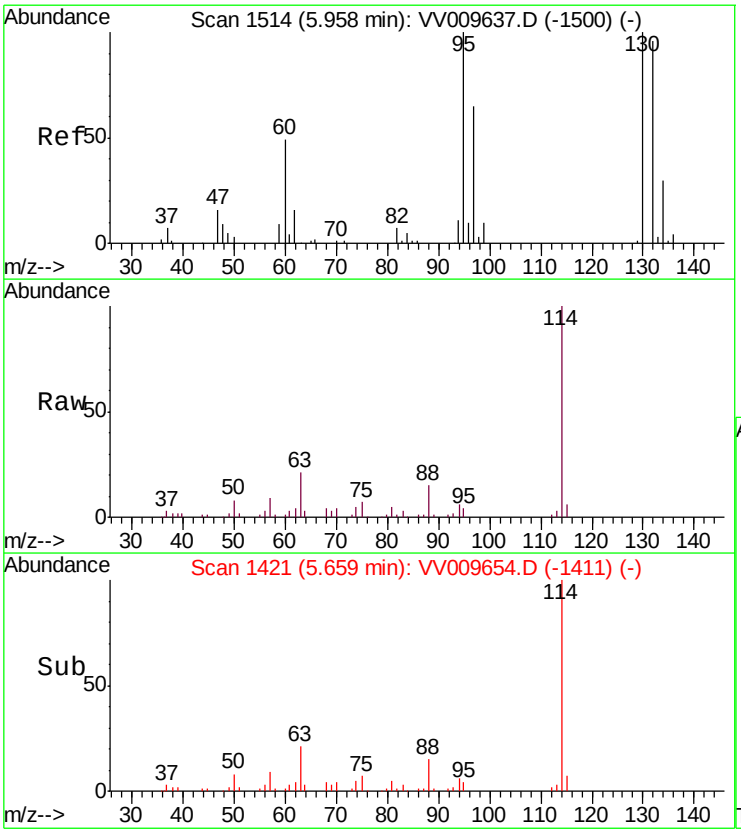
#27
1,2-Dichloroethane
Concen: 0.381 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV009654.D
Acq: 13 Mar 2019 23:35

Instrument :
MSVOA_V
ClientSampleId :
BF5P4

Tgt Ion: 62 Resp: 517

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

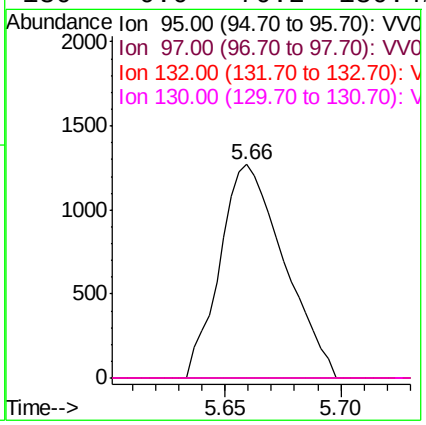


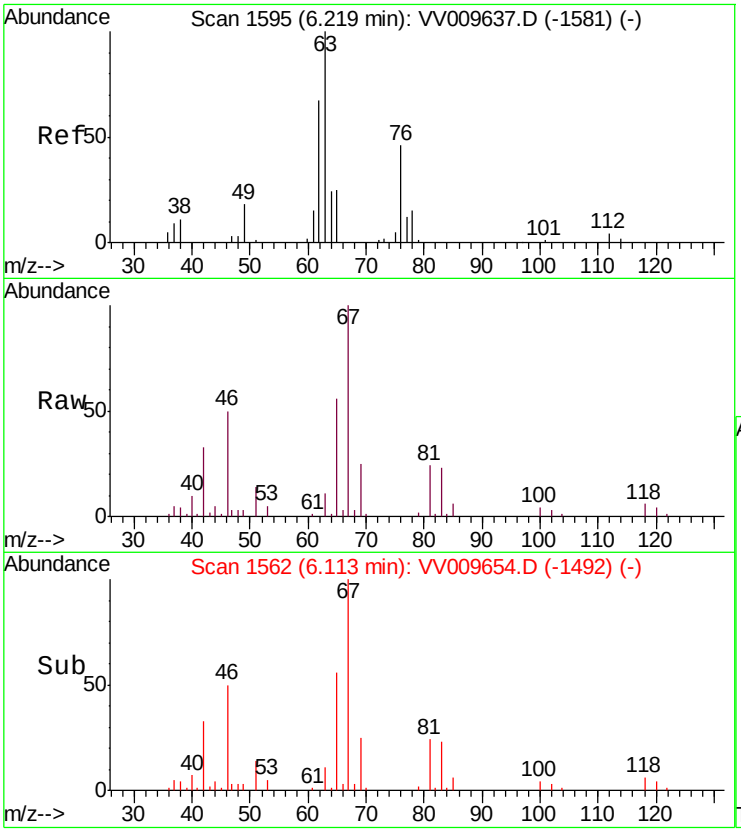


#35
Trichloroethene
Concen: 2.264 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV009654.D
Acq: 13 Mar 2019 23:35

Tgt Ion: 95 Resp: 2437

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.9	83.5#
132	0.0	66.4	123.2#
130	0.0	70.2	130.4#



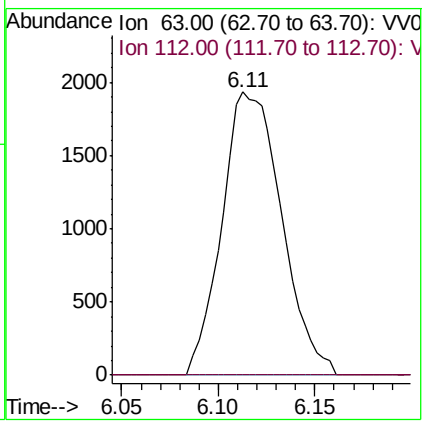


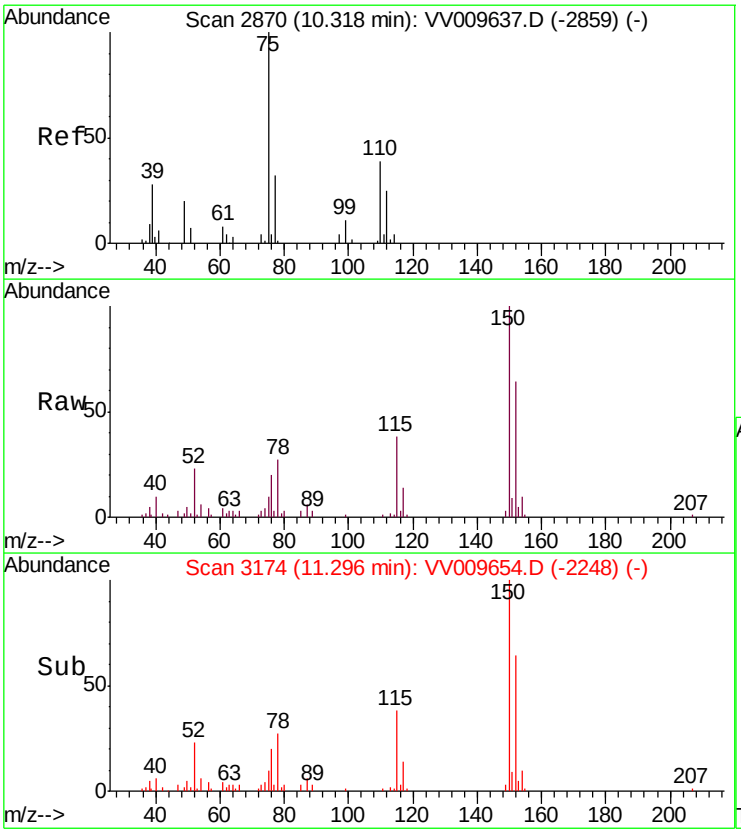
#40
1,2-Dichloropropane
Concen: 4.402 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV009654.D
Acq: 13 Mar 2019 23:35

Instrument :
MSVOA_V
ClientSampleId :
BF5P4

Tgt Ion: 63 Resp: 4146

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#59
1,2,3-Trichloropropane
Concen: 3.890 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009654.D
Acq: 13 Mar 2019 23:35

Tgt Ion: 75 Resp: 2849

Ion	Ratio	Lower	Upper
75	100		
77	19.4	25.3	37.9#