Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031119\

Quantitation Report (Not Reviewed)

Data File : VV009589.D
Acq On : 11 Mar 2019 12:43
Operator : SY/MD
Sample : K1818-19
Misc : 5.81G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0R9

Quant Time: Mar 11 13:08:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 12:01:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	113567	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110715	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46966	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	25358	18.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.20%			
7) Chloroethane-d5	1.56	69	29197	14.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 59.08%			
10) 1,1-Dichloroethene-d2	2.12	63	59314	16.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.68%			
20) 2-Butanone-d5	3.93	46	34569	74.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 148.42%#			
24) Chloroform-d	4.40	84	60581	22.39	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.56%			
26) 1,2-Dichloroethane-d4	5.08	65	46225	30.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 120.12%			
29) Benzene-d6	5.10	84	139269	25.40	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.60%			
33) 1,2-Dichloropropane-d6	6.12	67	45044	27.84	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.36%			
37) Toluene-d8	7.36	98	134761	25.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.84%			
38) trans-1,3-Dichloropropene-	7.66	79	19609	25.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.04%			
39) 2-Hexanone-d5	8.13	63	25325	67.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 134.12%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55269	32.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 128.20%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	49118	28.65	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 114.60%			

Target Compounds						Qvalue
13) Acetone	2.18	43	1171	2.472	ug/L	54
16) Methylene chloride	2.53	84	2520	1.691	ug/L	92
25) Chloroform	4.42	83	11200	4.200	ug/L #	69
27) 1,2-Dichloroethane	5.10	62	843	0.455	ug/L #	77
35) Trichloroethene	5.66	95	3608	2.195	ug/L #	6
40) 1,2-Dichloropropane	6.11	63	5569	3.775	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1544	0.674	ug/L #	76
45) trans-1,3-Dichloropropene	7.67	75	1087	0.544	ug/L	89

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031119\

Quantitation Report (Not Reviewed)

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
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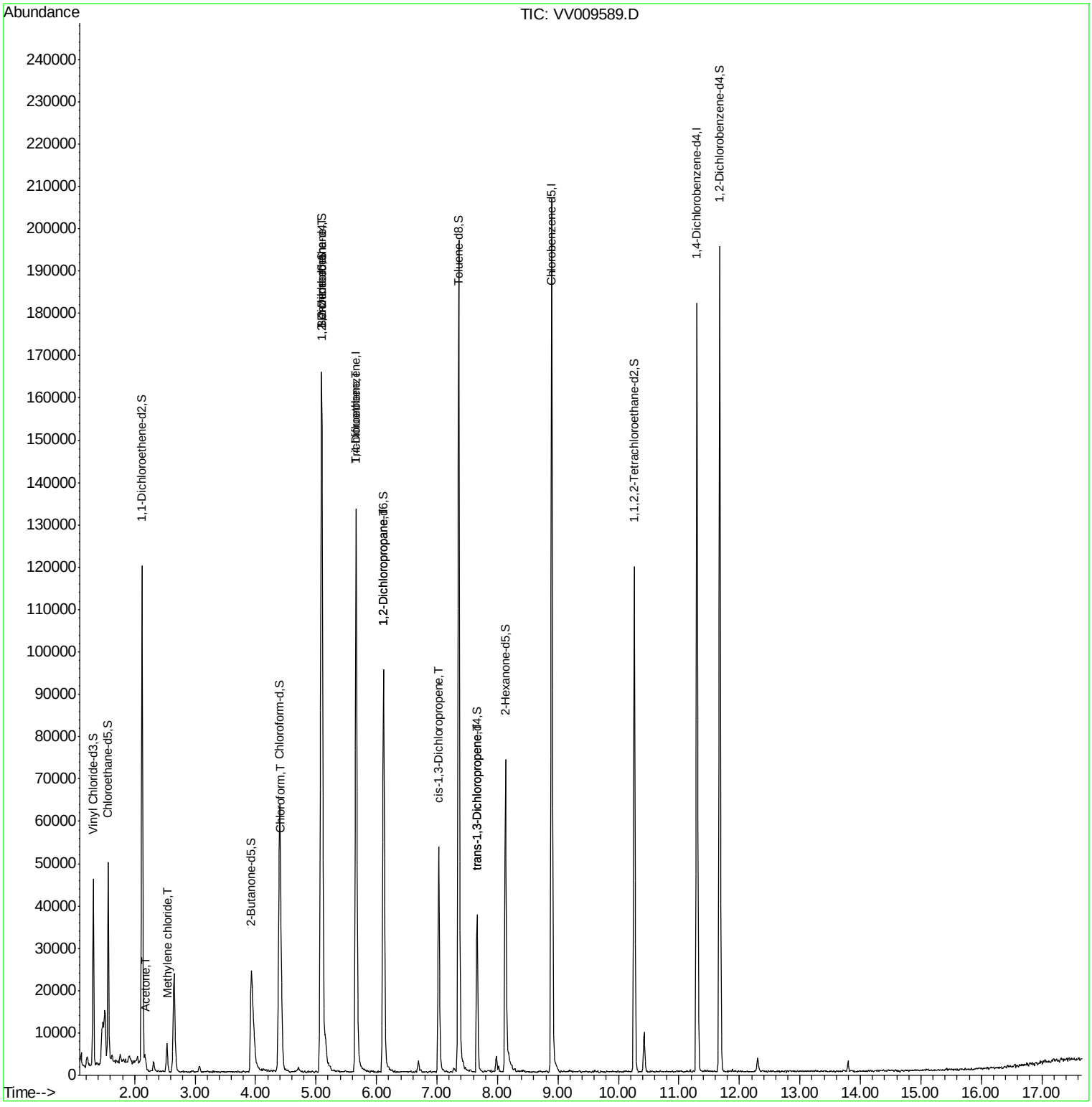
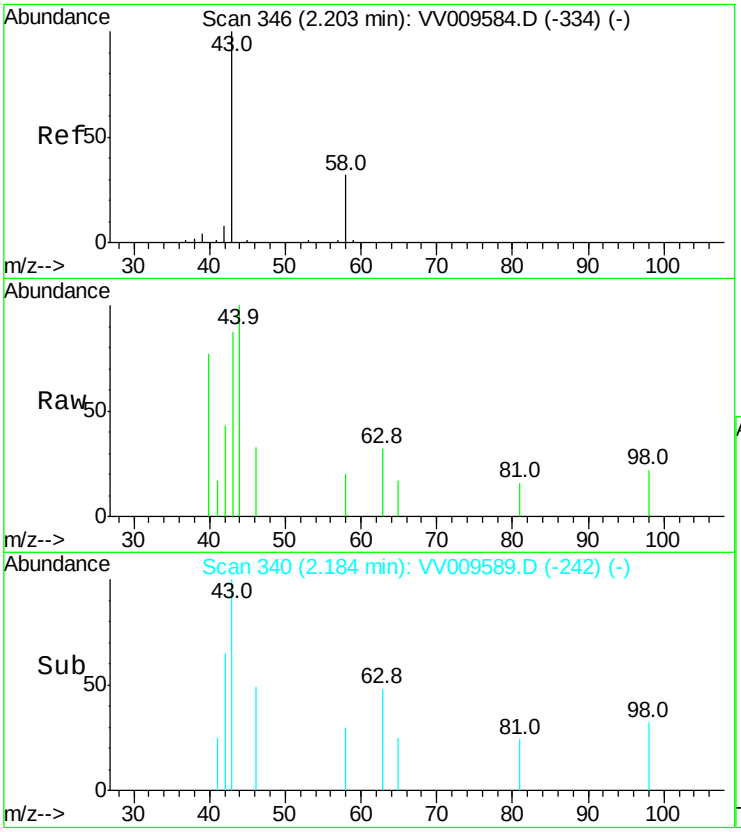
Quant Time: Mar 11 13:08:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 12:01:50 2019
Response via : Initial Calibration



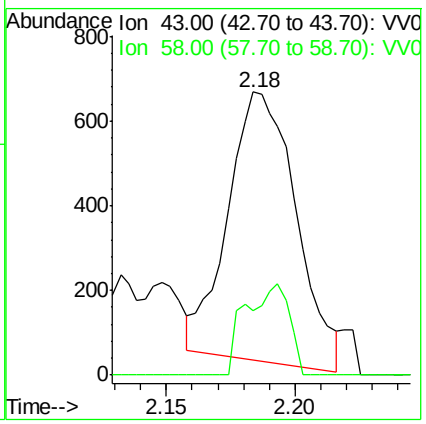


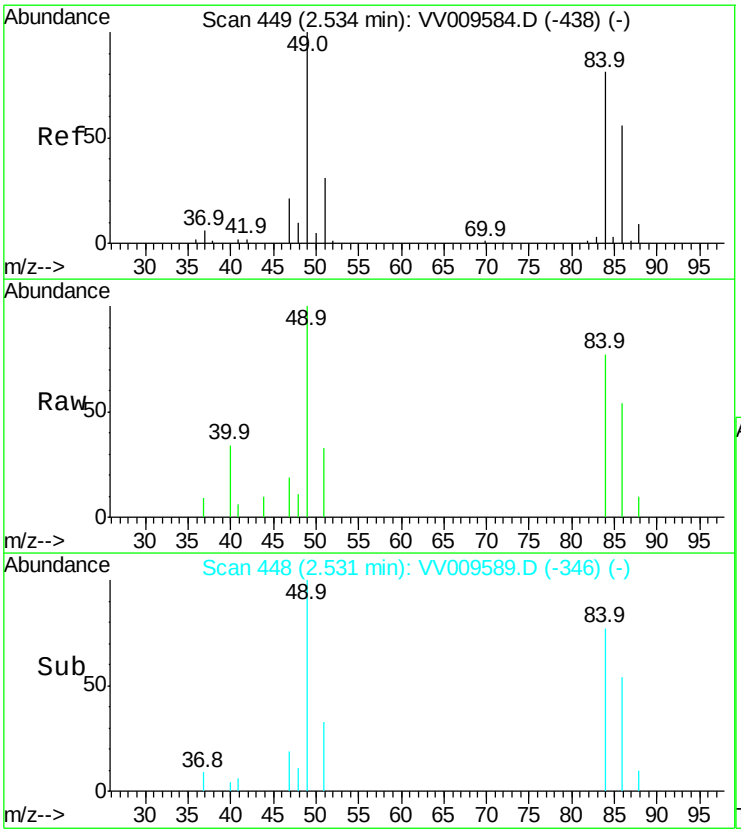
#13
Acetone
Concen: 2.472 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.02 min
Lab File: VV009589.D
Acq: 11 Mar 2019 12:43

Instrument :
MSVOA_V
ClientSampleId :
BF0R9

Tgt Ion: 43 Resp: 1171

Ion	Ratio	Lower	Upper
43	100		
58	7.8	0.0	68.8

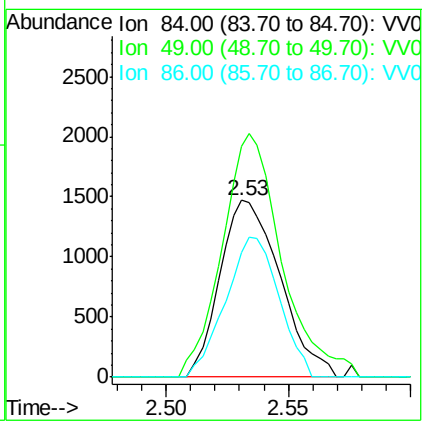


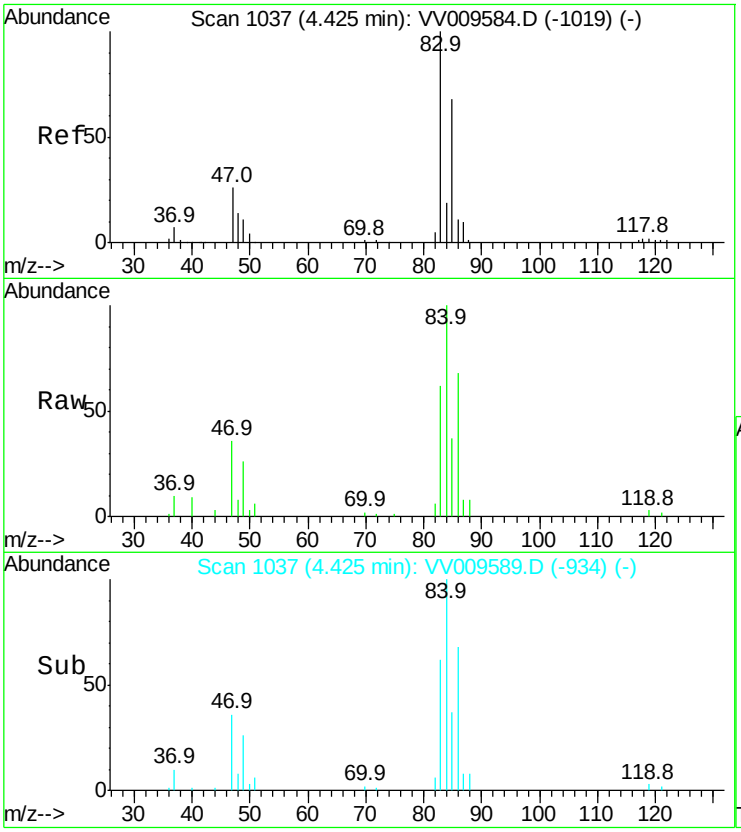


#16
Methylene chloride
Concen: 1.691 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV009589.D
Acq: 11 Mar 2019 12:43

Tgt Ion: 84 Resp: 2520

Ion	Ratio	Lower	Upper
84	100		
49	130.4	84.6	157.0
86	70.6	46.1	85.7



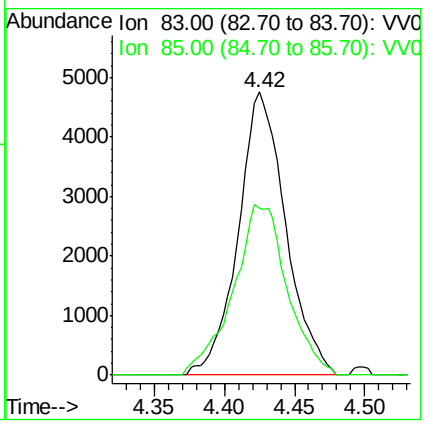


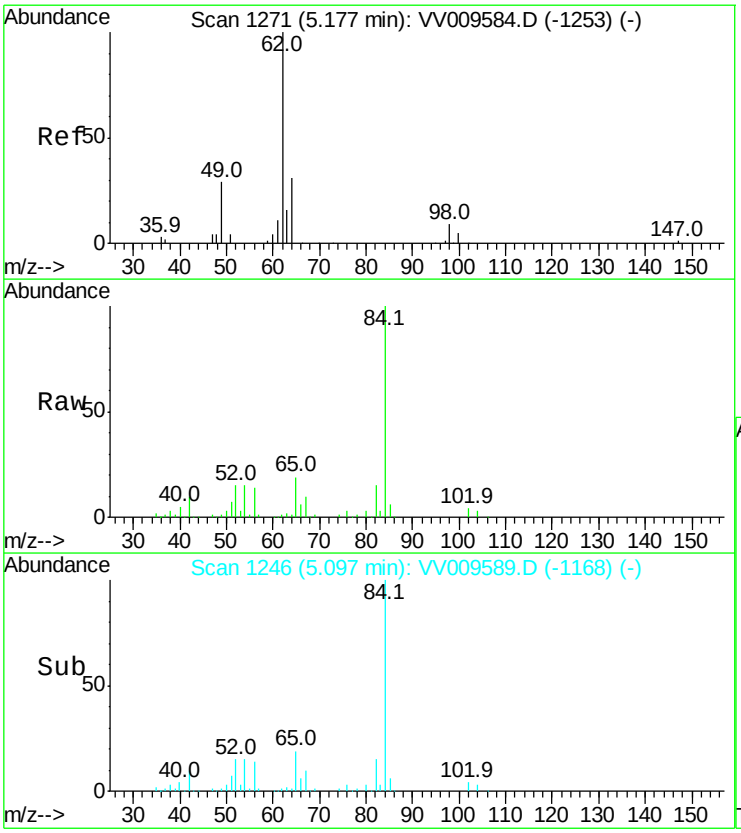
#25
Chloroform
Concen: 4.200 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009589.D
Acq: 11 Mar 2019 12:43

Instrument : MSVOA_V
ClientSampleId : BF0R9

Tgt Ion: 83 Resp: 11200

Ion	Ratio	Lower	Upper
83	100		
85	40.1	45.4	84.2#

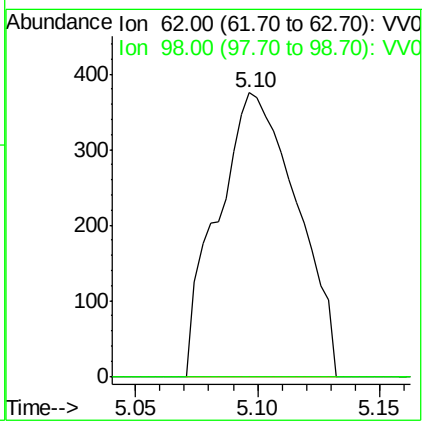


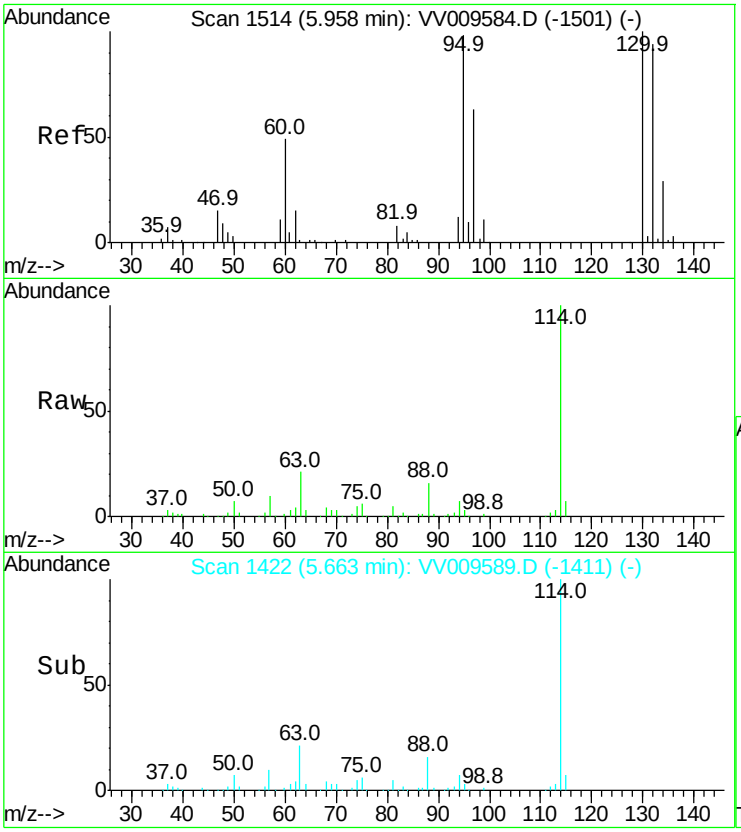


#27
1,2-Dichloroethane
Concen: 0.455 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009589.D
Acq: 11 Mar 2019 12:43

Tgt Ion: 62 Resp: 843

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



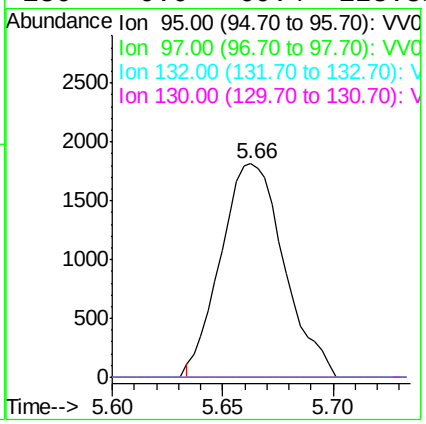


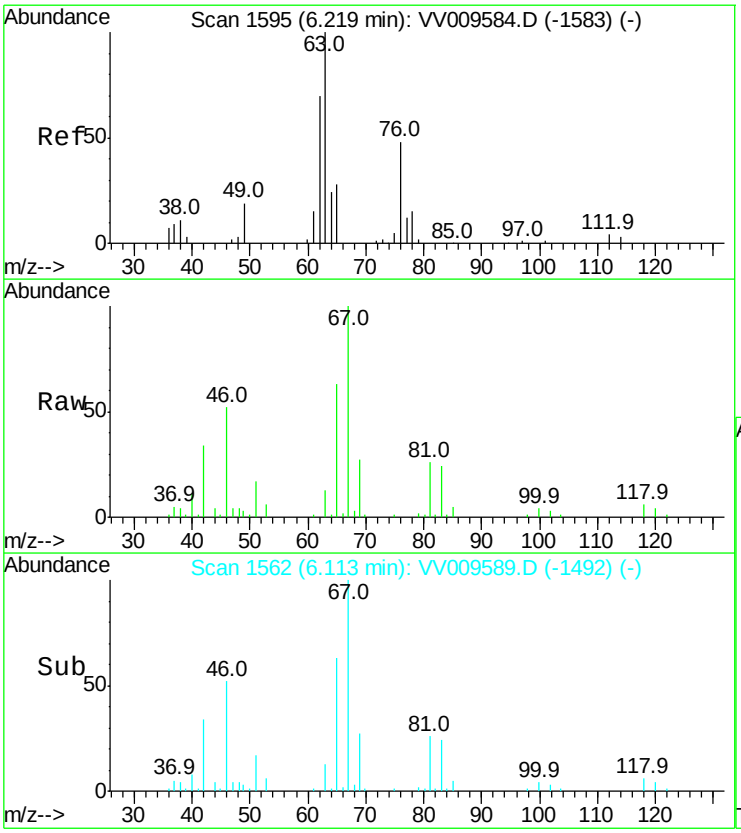
#35
Trichloroethene
Concen: 2.195 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV009589.D
Acq: 11 Mar 2019 12:43

Instrument :
MSVOA_V
ClientSampleId :
BF0R9

Tgt Ion: 95 Resp: 3608

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.3	82.3#
132	0.0	64.4	119.6#
130	0.0	69.4	128.8#

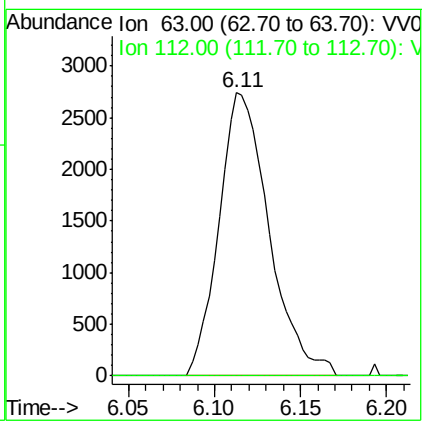


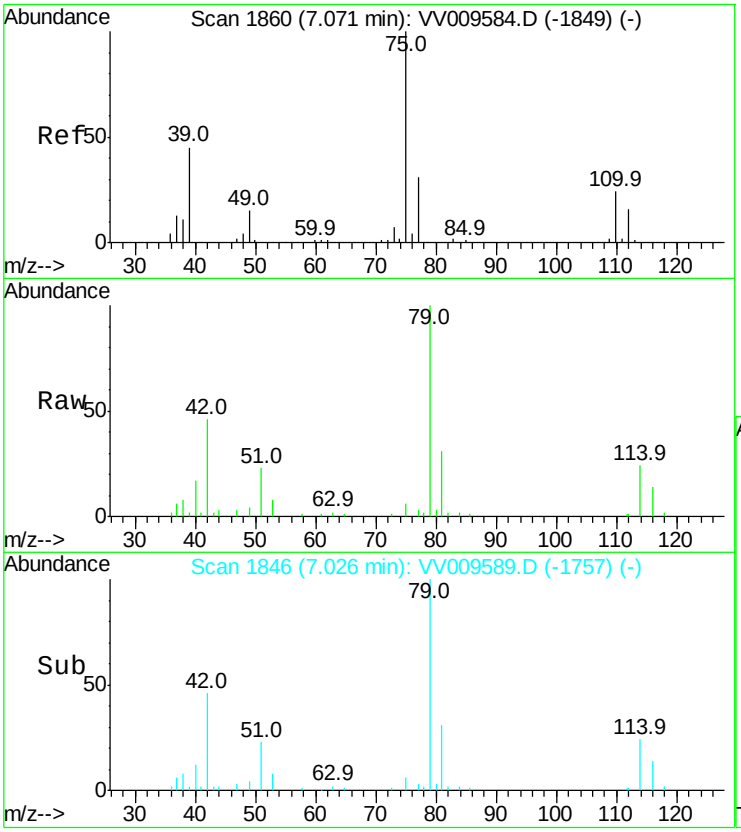


#40
1,2-Dichloropropane
Concen: 3.775 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV009589.D
Acq: 11 Mar 2019 12:43

Tgt Ion: 63 Resp: 5569

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



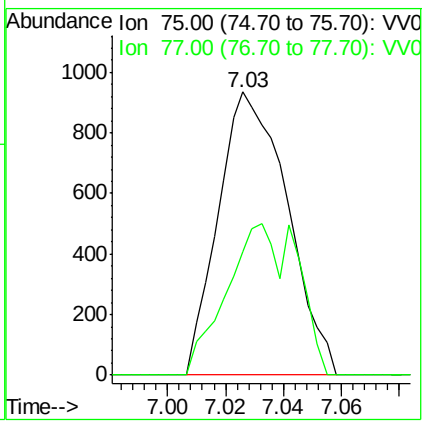


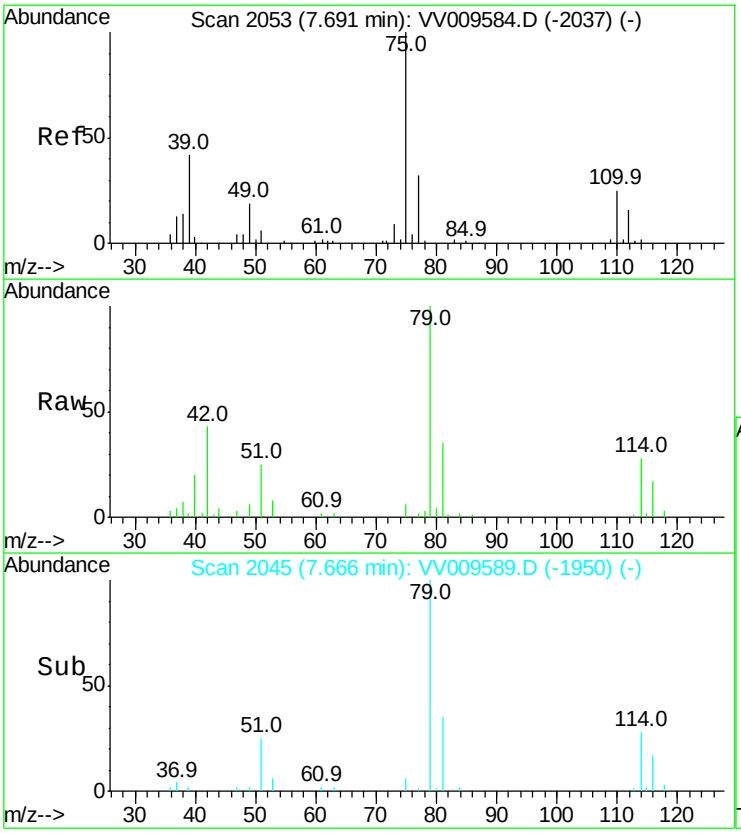
#42
cis-1,3-Dichloropropene
Concen: 0.674 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV009589.D
Acq: 11 Mar 2019 12:43

Instrument : MSVOA_V
ClientSampleId : BF0R9

Tgt Ion: 75 Resp: 1544

Ion	Ratio	Lower	Upper
75	100		
77	43.6	21.4	39.8#





#45
trans-1,3-Dichloropropene
Concen: 0.544 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009589.D
Acq: 11 Mar 2019 12:43

Tgt Ion: 75 Resp: 1087

Ion	Ratio	Lower	Upper
75	100		
77	38.4	22.5	41.7