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

Quantitation Report (Not Reviewed)

Data File : VV009976.D
Acq On : 28 Mar 2019 19:49
Operator : SY/MD
Sample : K2085-11
Misc : 5.87G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7T6RE

Quant Time: Mar 29 02:25:20 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	5.67	114	52953	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	53771	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	19609	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27245	25.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.40%			
7) Chloroethane-d5	1.58	69	30206	26.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.12%			
10) 1,1-Dichloroethene-d2	2.13	63	58283	19.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.32%			
20) 2-Butanone-d5	3.93	46	6096	30.44	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 60.88%			
24) Chloroform-d	4.40	84	37821	28.03	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 112.12%			
26) 1,2-Dichloroethane-d4	5.08	65	26041	32.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 128.28%			
29) Benzene-d6	5.10	84	76402	27.06	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.24%			
33) 1,2-Dichloropropane-d6	6.12	67	24156	29.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 116.96%			
37) Toluene-d8	7.36	98	62406	23.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.40%			
38) trans-1,3-Dichloropropene-	7.66	79	7611	22.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.08%			
39) 2-Hexanone-d5	8.13	63	7166	46.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.94%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	22890	27.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.92%			
61) 1,2-Dichlorobenzene-d4	11.68	152	19429	26.02	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.08%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	638	0.493	ug/L #	1
13) Acetone	2.18	43	1018	3.358	ug/L	91
16) Methylene chloride	2.53	84	3823	4.384	ug/L	88
25) Chloroform	4.43	83	1593	1.135	ug/L #	35
35) Trichloroethene	5.66	95	1443	1.853	ug/L #	5
40) 1,2-Dichloropropane	6.12	63	3027	4.103	ug/L #	92
42) cis-1,3-Dichloropropene	7.03	75	679	0.631	ug/L	86
45) trans-1,3-Dichloropropene	7.66	75	506	0.575	ug/L	97
59) 1,2,3-Trichloropropane	11.30	75	3019	5.085	ug/L	93

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

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

Quantitation Report (Not Reviewed)

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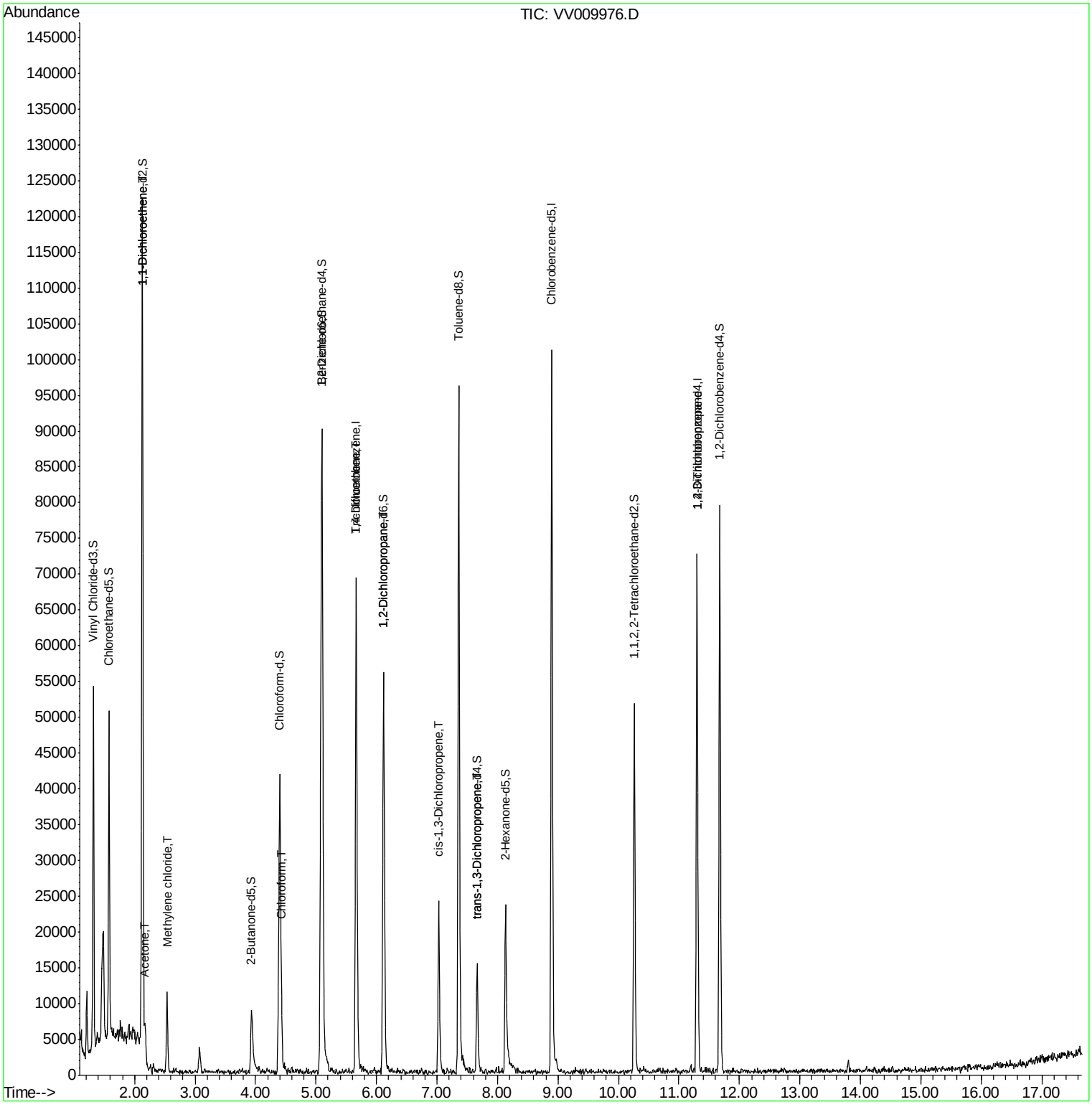
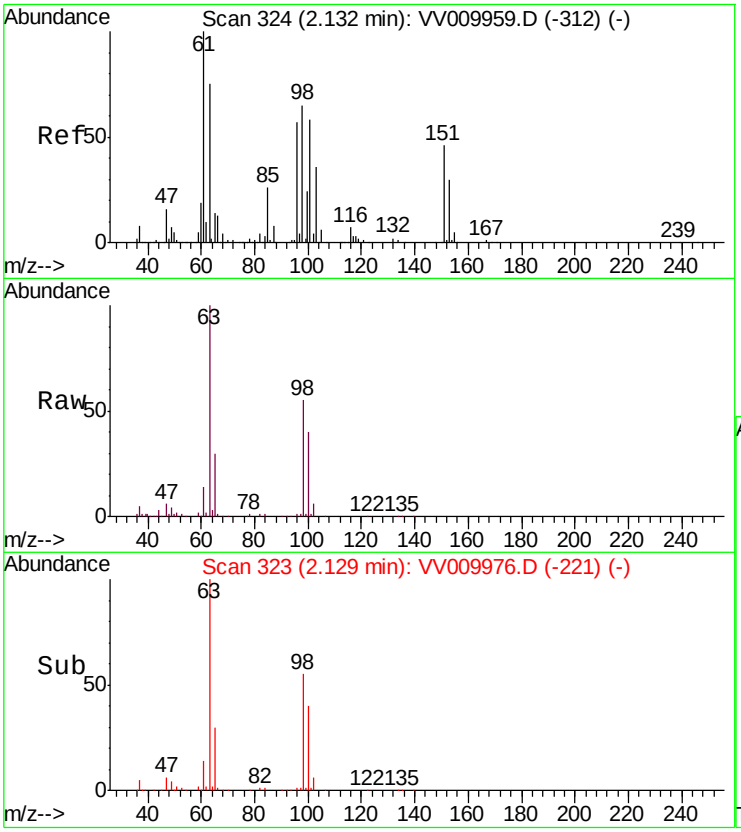
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7T6RE

Quant Time: Mar 29 02:25:20 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



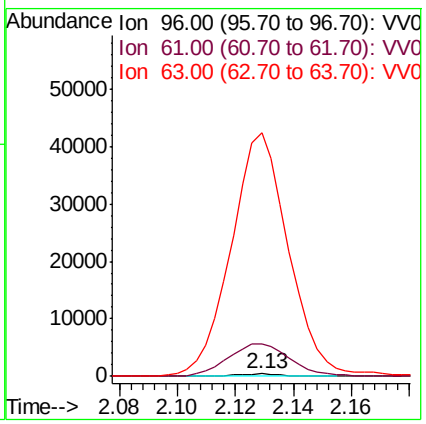


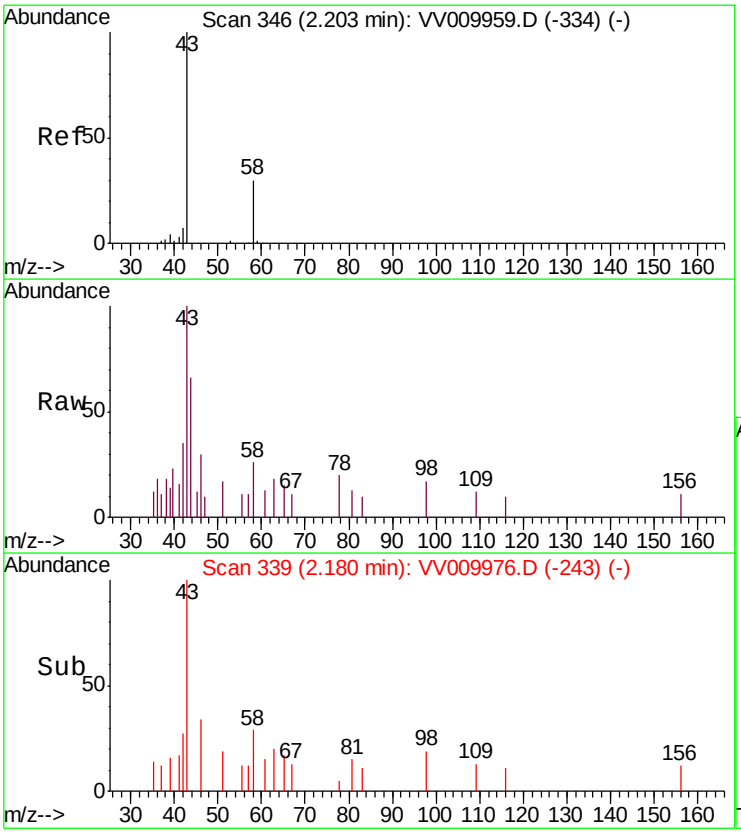
#12
1,1-Dichloroethene
Concen: 0.493 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV009976.D
Acq: 28 Mar 2019 19:49

Instrument : MSVOA_V
ClientSampleId : BF7T6RE

Tgt Ion: 96 Resp: 638

Ion	Ratio	Lower	Upper
96	100		
61	1357.9	124.3	230.8#
63	10016.1	88.2	163.8#

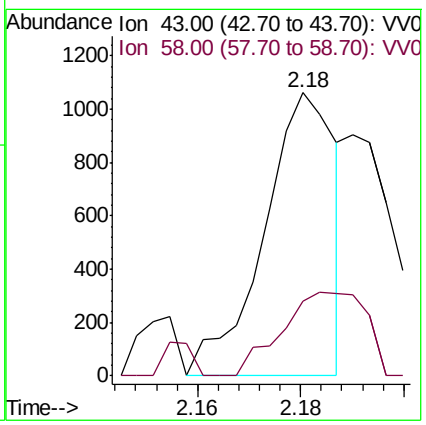


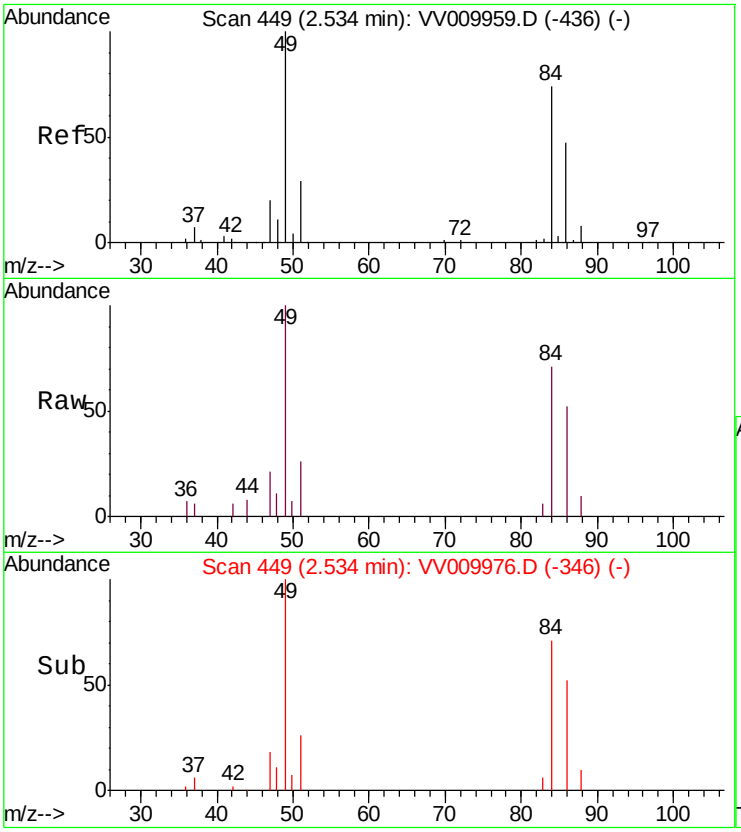


#13
Acetone
Concen: 3.358 ug/L
RT: 2.18 min Scan# 339
Delta R.T. -0.02 min
Lab File: VV009976.D
Acq: 28 Mar 2019 19:49

Tgt Ion: 43 Resp: 1018

Ion	Ratio	Lower	Upper
43	100		
58	34.7	0.0	59.4



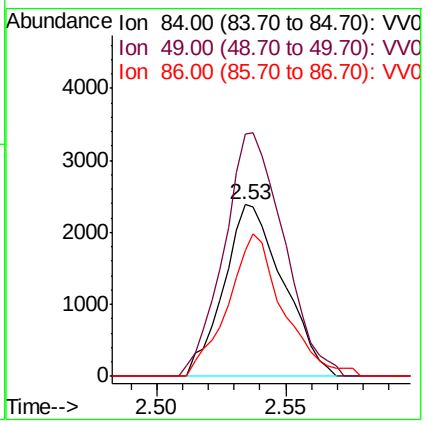


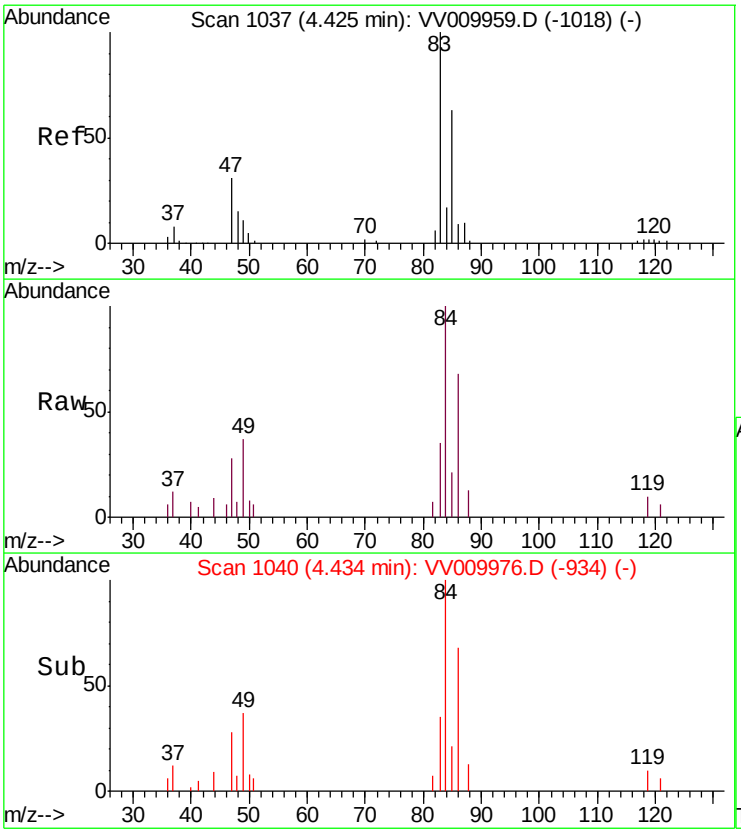
#16
Methylene chloride
Concen: 4.384 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009976.D
Acq: 28 Mar 2019 19:49

Instrument :
MSVOA_V
ClientSampleId :
BF7T6RE

Tgt Ion: 84 Resp: 3823

Ion	Ratio	Lower	Upper
84	100		
49	141.3	90.4	167.8
86	73.6	44.0	81.6

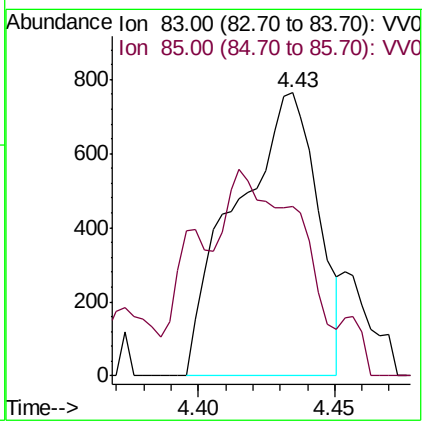


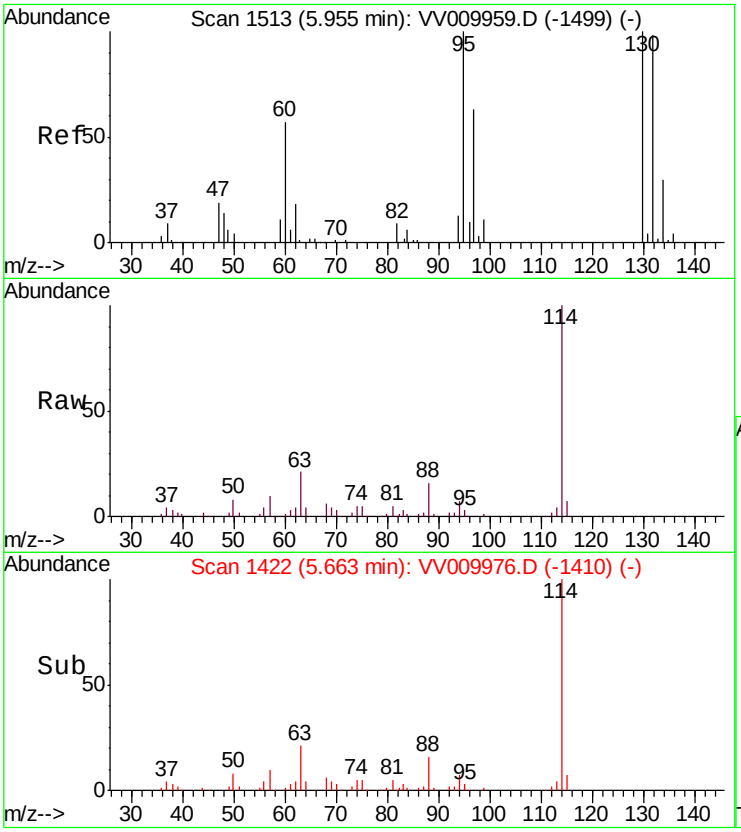


#25
Chloroform
Concen: 1.135 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV009976.D
Acq: 28 Mar 2019 19:49

Tgt Ion: 83 Resp: 1593

Ion	Ratio	Lower	Upper
83	100		
85	14.1	46.1	85.7#



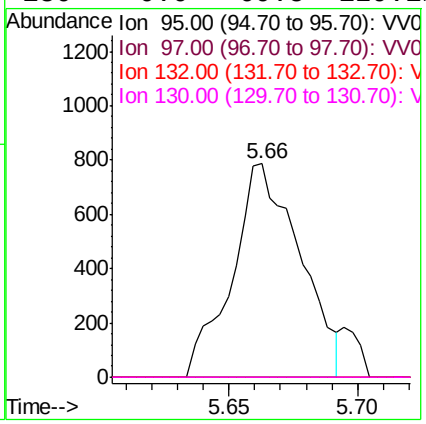


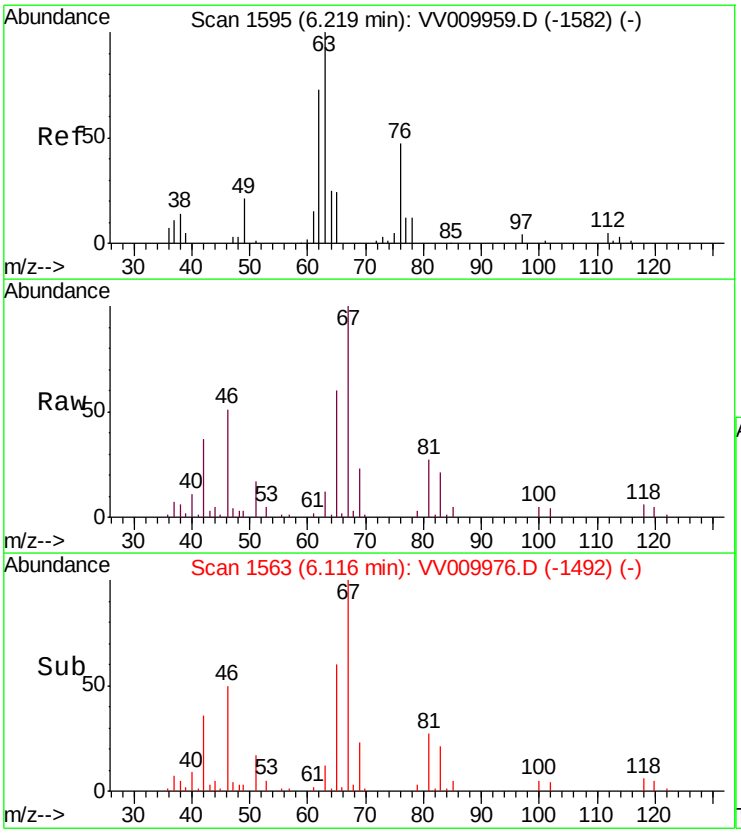
#35
Trichloroethene
Concen: 1.853 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV009976.D
Acq: 28 Mar 2019 19:49

Instrument : MSVOA_V
ClientSampleId : BF7T6RE

Tgt Ion: 95 Resp: 1443

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

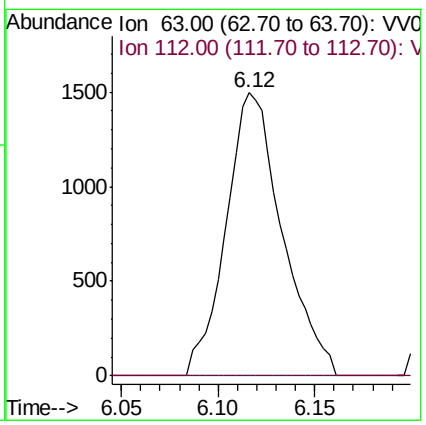


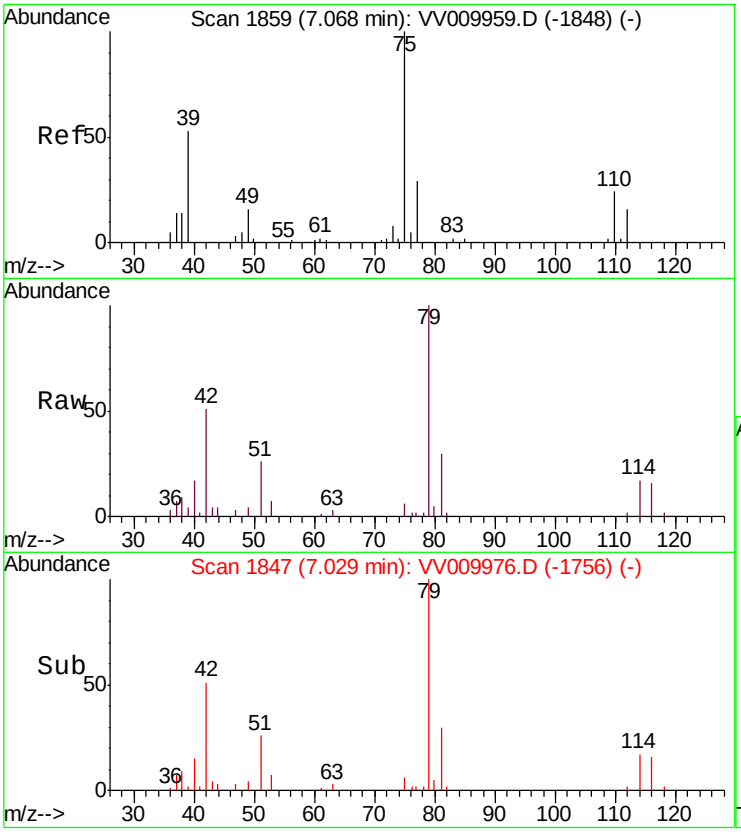


#40
1,2-Dichloropropane
Concen: 4.103 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009976.D
Acq: 28 Mar 2019 19:49

Tgt Ion: 63 Resp: 3027

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.1	3.1#



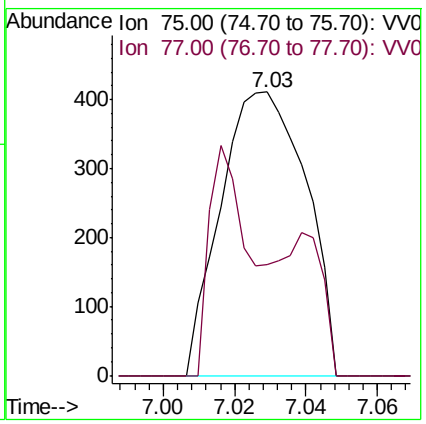


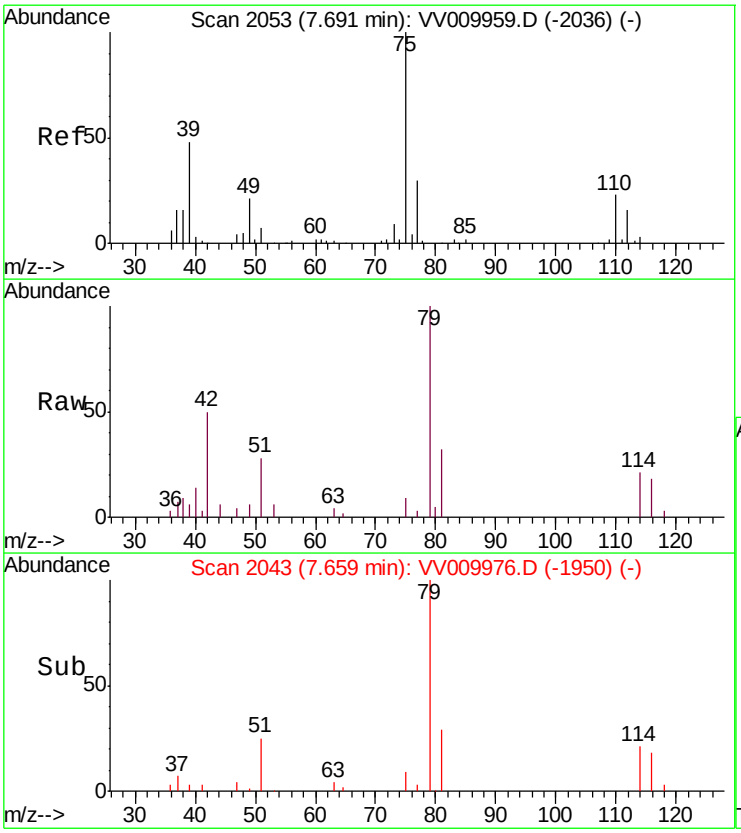
#42
cis-1,3-Dichloropropene
Concen: 0.631 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009976.D
Acq: 28 Mar 2019 19:49

Instrument :
MSVOA_V
ClientSampleId :
BF7T6RE

Tgt Ion: 75 Resp: 679

Ion	Ratio	Lower	Upper
75	100		
77	38.9	21.8	40.6

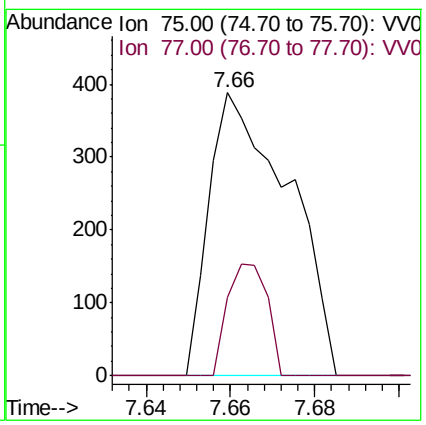


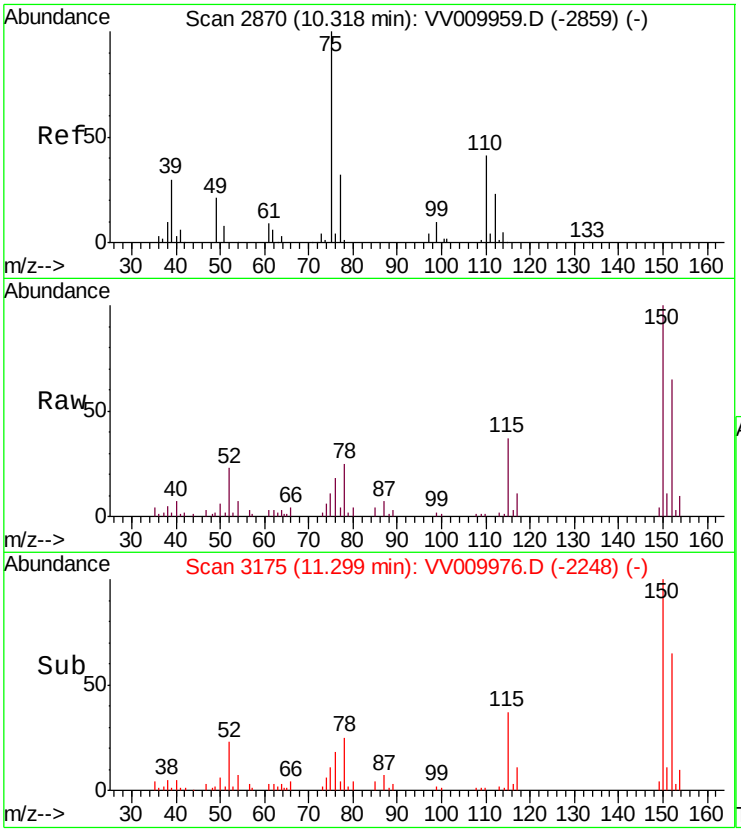


#45
trans-1,3-Dichloropropene
Concen: 0.575 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV009976.D
Acq: 28 Mar 2019 19:49

Tgt Ion: 75 Resp: 506

Ion	Ratio	Lower	Upper
75	100		
77	27.8	20.7	38.5





#59
1,2,3-Trichloropropane
Concen: 5.085 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009976.D
Acq: 28 Mar 2019 19:49

Instrument :
MSVOA_V
ClientSampleId :
BF7T6RE

Tgt Ion: 75 Resp: 3019

Ion	Ratio	Lower	Upper
75	100		
77	36.7	26.2	39.2