Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031019\

Quantitation Report (Not Reviewed)

Data File : VV009564.D
Acq On : 10 Mar 2019 14:01
Operator : SY/MD
Sample : K1789-14
Misc : 6.55G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0P7

Quant Time: Mar 11 04:51:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	147962	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	140008	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64807	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	33829	18.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.96%			
7) Chloroethane-d5	1.56	69	44938	17.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.80%			
10) 1,1-Dichloroethene-d2	2.12	63	79799	17.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.88%			
20) 2-Butanone-d5	3.94	46	30445	50.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.32%			
24) Chloroform-d	4.40	84	91619	25.99	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.96%			
26) 1,2-Dichloroethane-d4	5.08	65	57133	28.49	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.96%			
29) Benzene-d6	5.10	84	183853	26.51	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.04%			
33) 1,2-Dichloropropane-d6	6.12	67	58185	28.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 113.72%			
37) Toluene-d8	7.36	98	175135	25.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.64%			
38) trans-1,3-Dichloropropene-	7.66	79	24690	24.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.60%			
39) 2-Hexanone-d5	8.13	63	25135	52.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.26%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56963	26.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.48%			
61) 1,2-Dichlorobenzene-d4	11.68	152	63274	26.75	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.00%			

Target Compounds						Qvalue
13) Acetone	2.20	43	3396	5.503	ug/L	93
16) Methylene chloride	2.53	84	2074	1.068	ug/L	90
25) Chloroform	4.42	83	4797	1.381	ug/L	100
35) Trichloroethene	5.66	95	4480	2.155	ug/L #	6
40) 1,2-Dichloropropane	6.11	63	6937	3.719	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	2060	0.711	ug/L #	68
45) trans-1,3-Dichloropropene	7.66	75	1571	0.621	ug/L	97
59) 1,2,3-Trichloropropane	11.30	75	9031	5.725	ug/L	91

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031019\

Quantitation Report (Not Reviewed)

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Instrument : MSVOA_V
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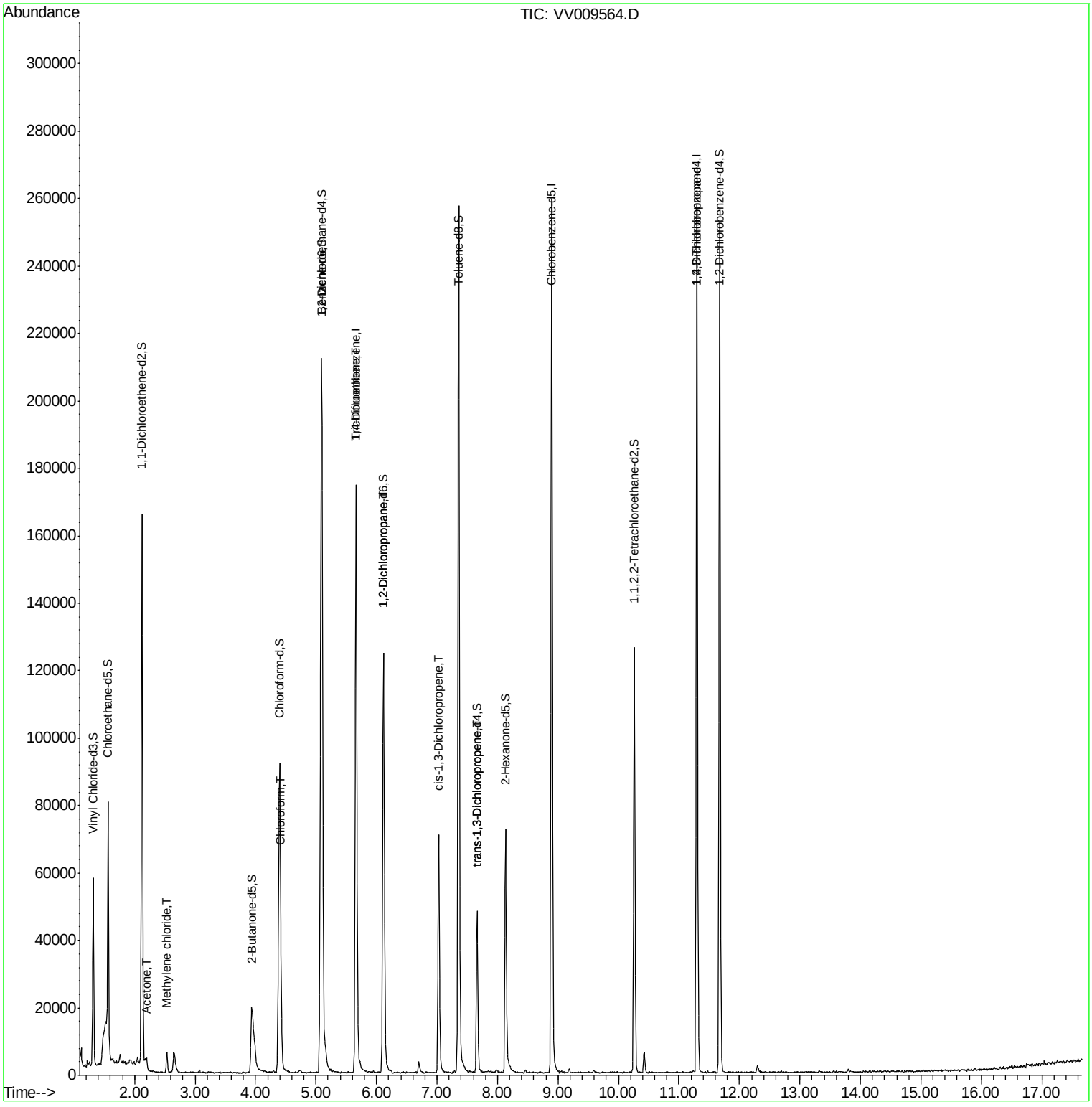
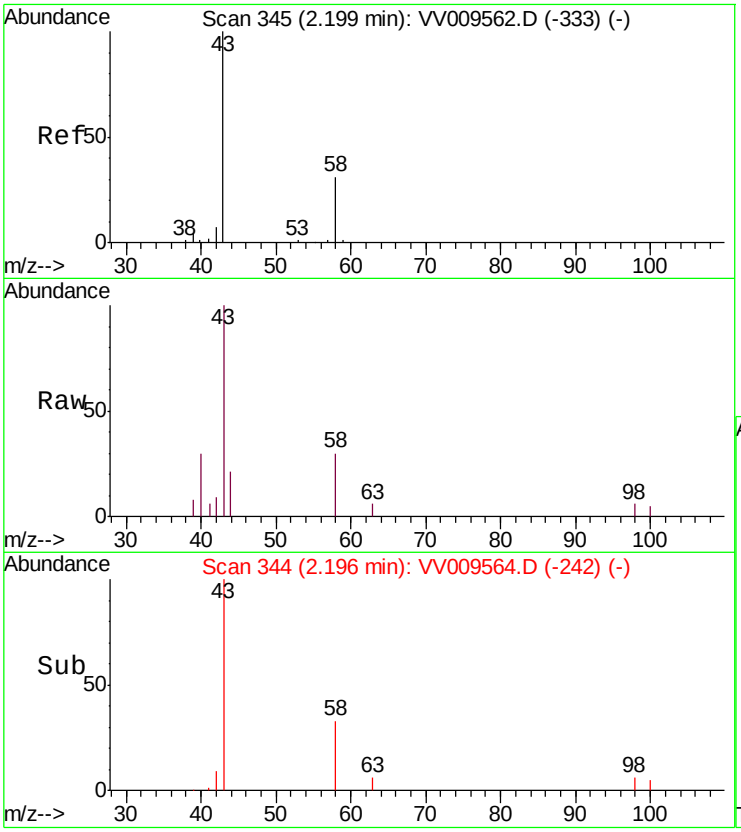
Quant Time: Mar 11 04:51:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration



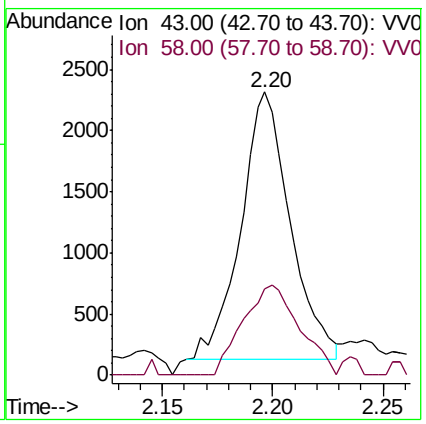


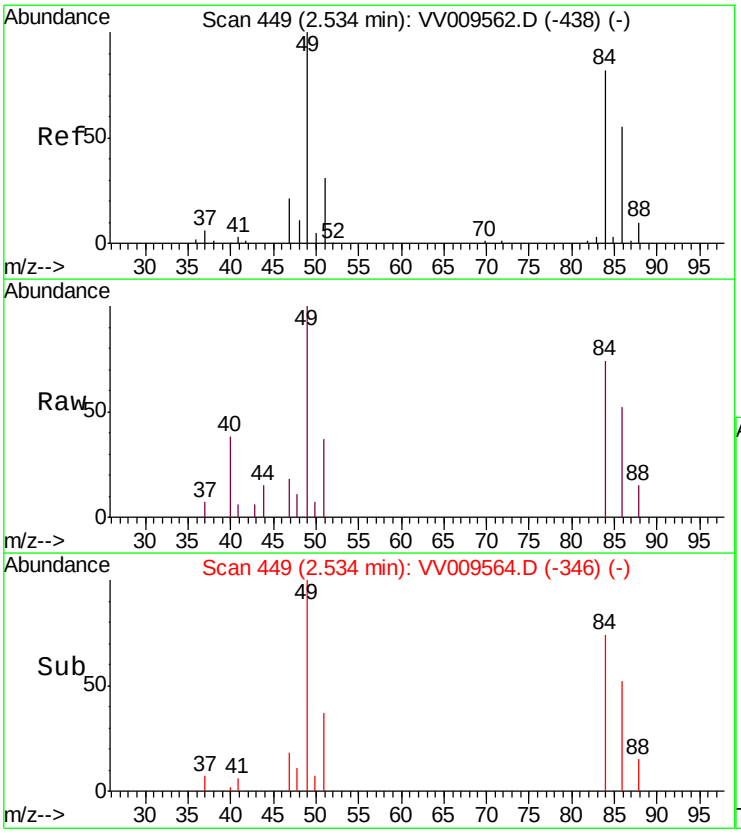
#13
Acetone
Concen: 5.503 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.00 min
Lab File: VV009564.D
Acq: 10 Mar 2019 14:01

Instrument :
MSVOA_V
ClientSampleId :
BF0P7

Tgt Ion: 43 Resp: 3396

Ion	Ratio	Lower	Upper
43	100		
58	38.4	0.0	68.8

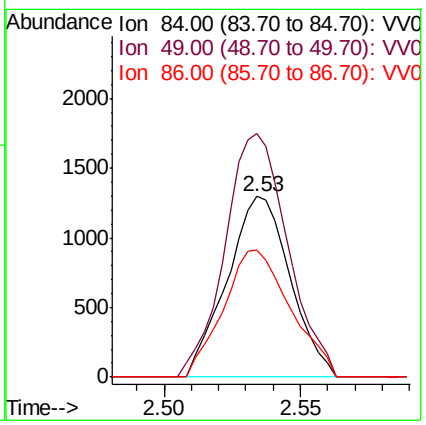


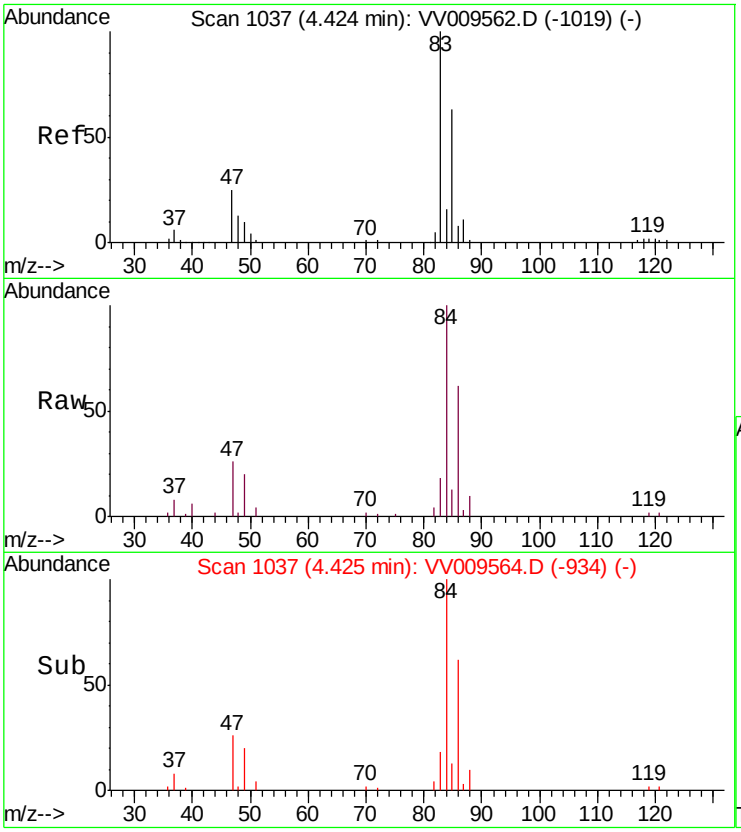


#16
Methylene chloride
Concen: 1.068 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009564.D
Acq: 10 Mar 2019 14:01

Tgt Ion: 84 Resp: 2074

Ion	Ratio	Lower	Upper
84	100		
49	135.0	84.6	157.0
86	70.3	46.1	85.7



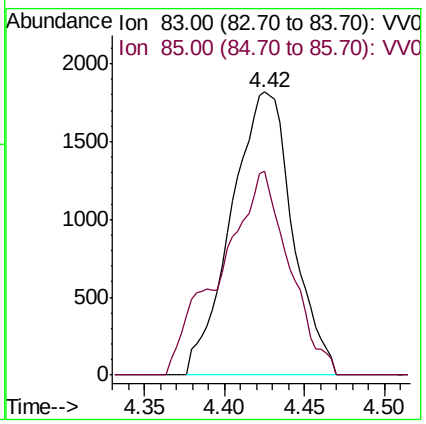


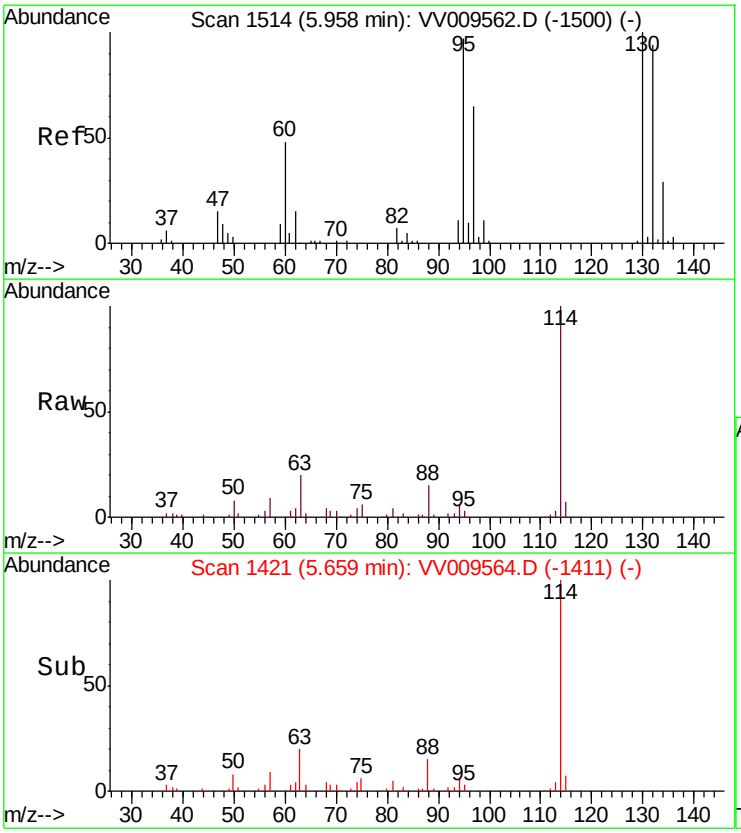
#25
Chloroform
Concen: 1.381 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009564.D
Acq: 10 Mar 2019 14:01

Instrument :
MSVOA_V
ClientSampleId :
BF0P7

Tgt Ion: 83 Resp: 4797

Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.4	84.2

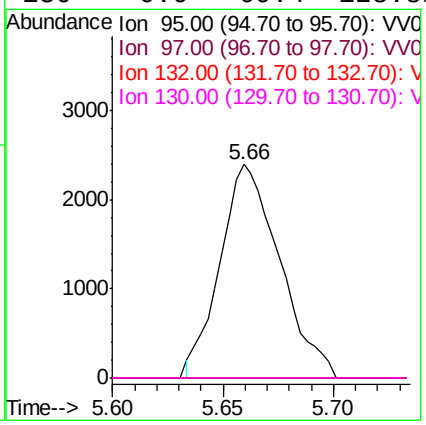


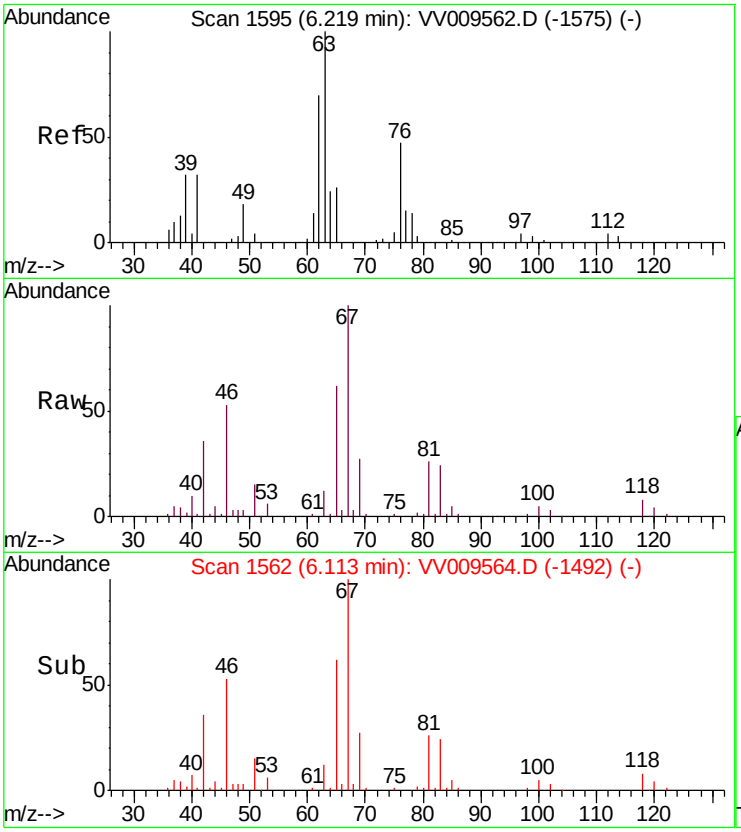


#35
Trichloroethene
Concen: 2.155 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV009564.D
Acq: 10 Mar 2019 14:01

Tgt Ion: 95 Resp: 4480

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#



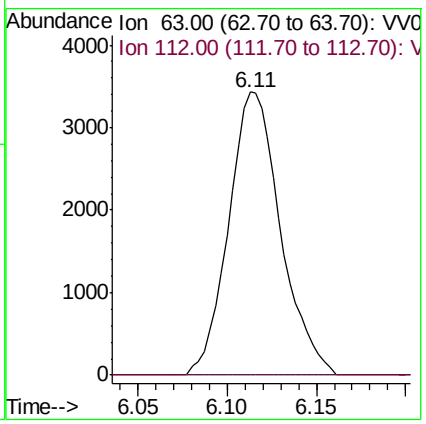


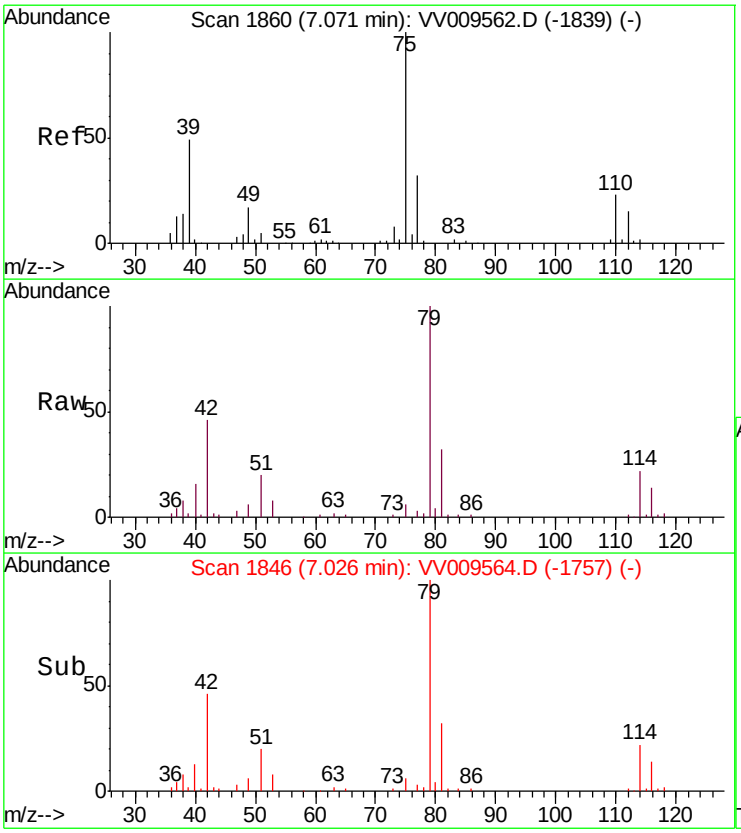
#40
1,2-Dichloropropane
Concen: 3.719 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV009564.D
Acq: 10 Mar 2019 14:01

Instrument :
MSVOA_V
ClientSampleId :
BF0P7

Tgt Ion: 63 Resp: 6937

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

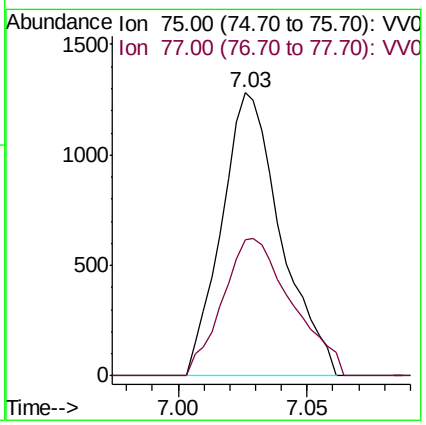


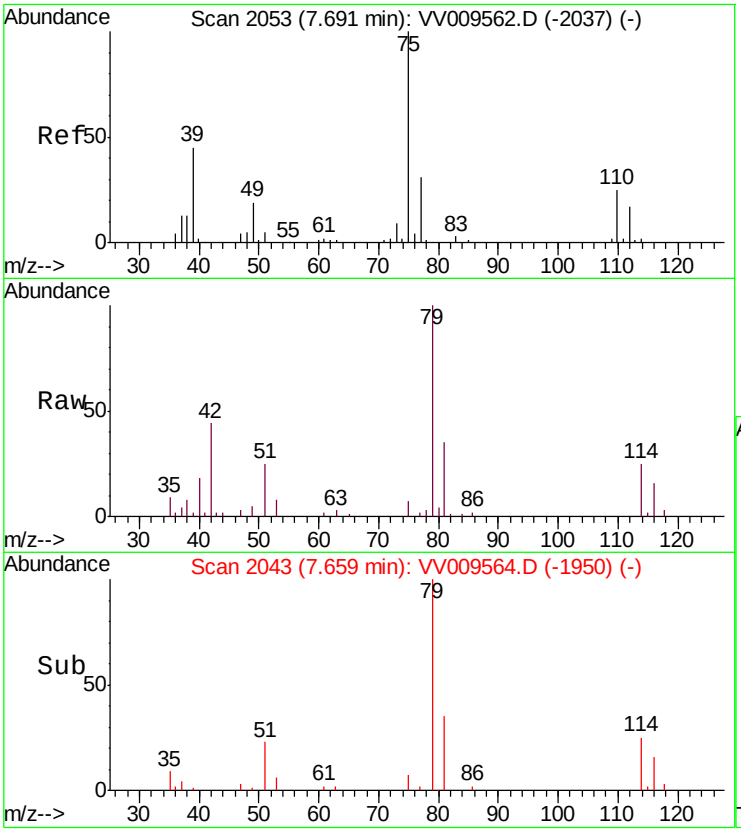


#42
cis-1,3-Dichloropropene
Concen: 0.711 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV009564.D
Acq: 10 Mar 2019 14:01

Tgt Ion: 75 Resp: 2060

Ion	Ratio	Lower	Upper
75	100		
77	48.2	21.4	39.8#



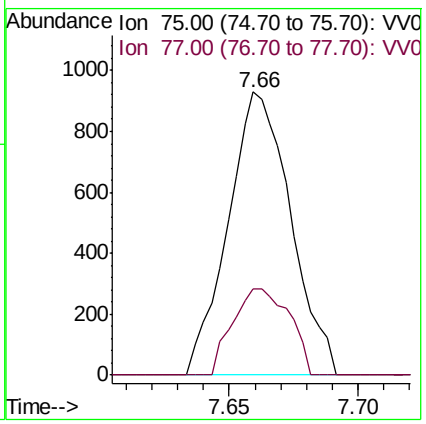


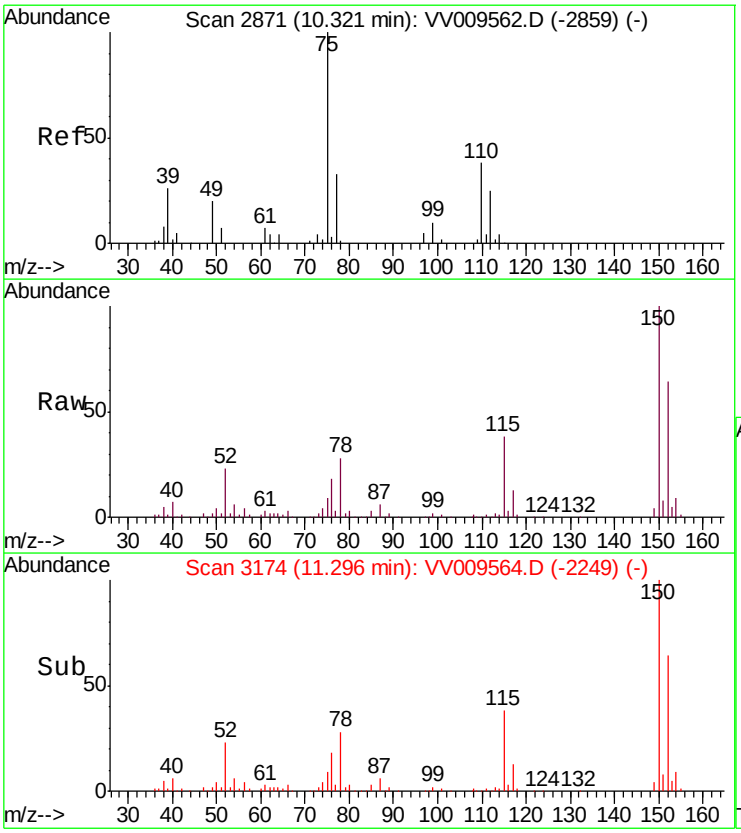
#45
trans-1,3-Dichloropropene
Concen: 0.621 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV009564.D
Acq: 10 Mar 2019 14:01

Instrument :
MSVOA_V
ClientSampleId :
BF0P7

Tgt Ion: 75 Resp: 1571

Ion	Ratio	Lower	Upper
75	100		
77	30.5	22.5	41.7





#59
1,2,3-Trichloropropane
Concen: 5.725 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009564.D
Acq: 10 Mar 2019 14:01

Tgt Ion: 75 Resp: 9031

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.9	38.9