Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022719\

Quantitation Report (Not Reviewed)

Data File : VV009397.D
Acq On : 27 Feb 2019 14:46
Operator : SY/MD
Sample : K1622-07
Misc : 4.83G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5J0

Quant Time: Feb 28 04:36:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	157224	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	141785	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58752	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	35896	18.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.60%			
7) Chloroethane-d5	1.58	69	54430	21.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.64%			
10) 1,1-Dichloroethene-d2	2.13	63	81009	15.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.96%			
20) 2-Butanone-d5	3.95	46	24087	40.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.84%			
24) Chloroform-d	4.40	84	88487	23.21	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.84%			
26) 1,2-Dichloroethane-d4	5.08	65	52064	24.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.72%			
29) Benzene-d6	5.10	84	179976	23.88	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.52%			
33) 1,2-Dichloropropane-d6	6.12	67	57952	26.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.96%			
37) Toluene-d8	7.36	98	167781	23.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.84%			
38) trans-1,3-Dichloropropene-	7.66	79	25426	23.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.12%			
39) 2-Hexanone-d5	8.14	63	20185	43.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.36%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49496	22.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.76%			
61) 1,2-Dichlorobenzene-d4	11.68	152	51678	23.75	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.00%			

Target Compounds						Qvalue
13) Acetone	2.21	43	1287	1.889	ug/L	77
16) Methylene chloride	2.54	84	4214	1.979	ug/L	95
27) 1,2-Dichloroethane	5.11	62	1026	0.391	ug/L #	77
35) Trichloroethene	5.66	95	4464	2.040	ug/L #	7
40) 1,2-Dichloropropane	6.12	63	6639	3.381	ug/L #	89
59) 1,2,3-Trichloropropane	11.30	75	8280	5.270	ug/L	92

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

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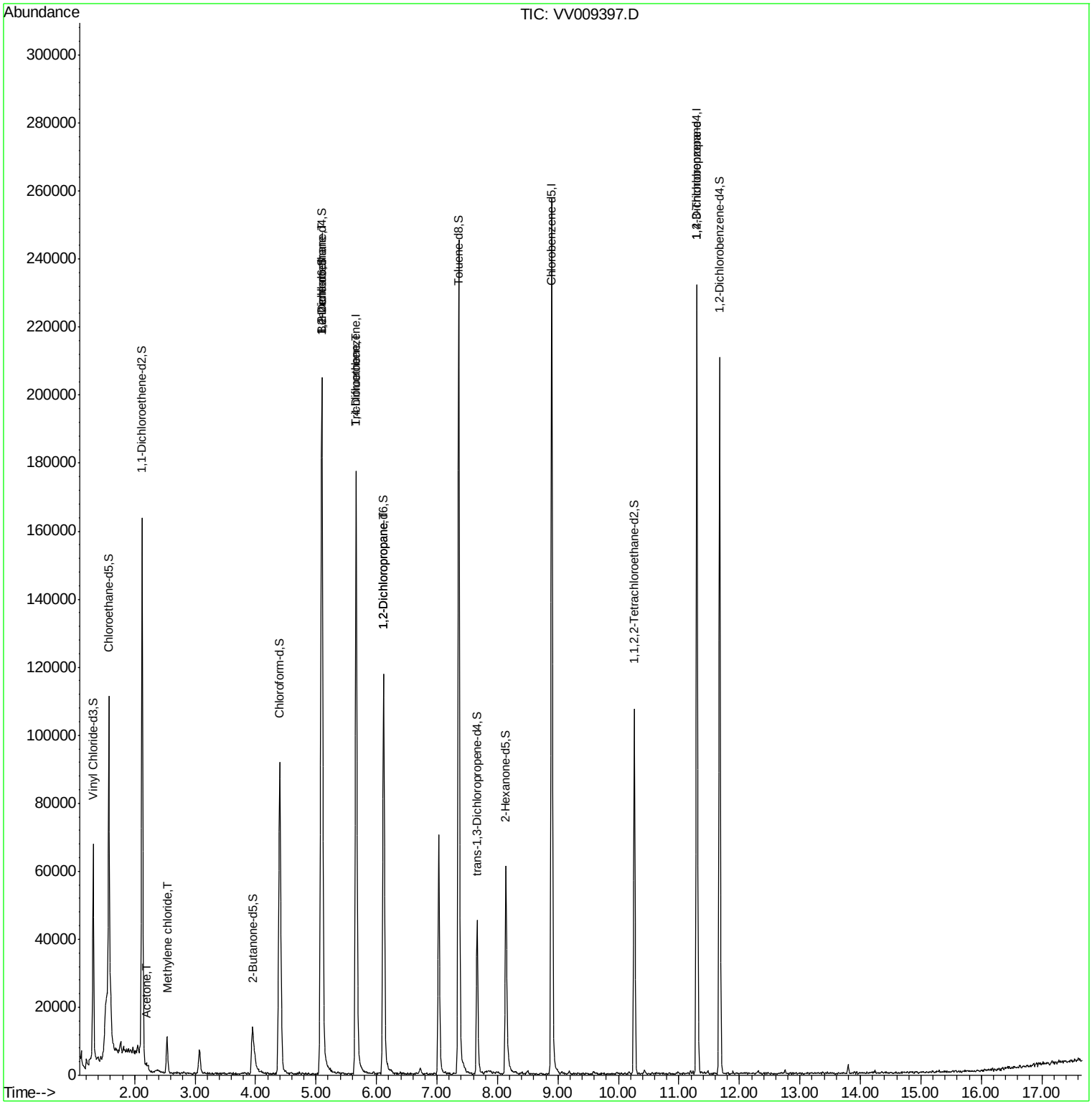
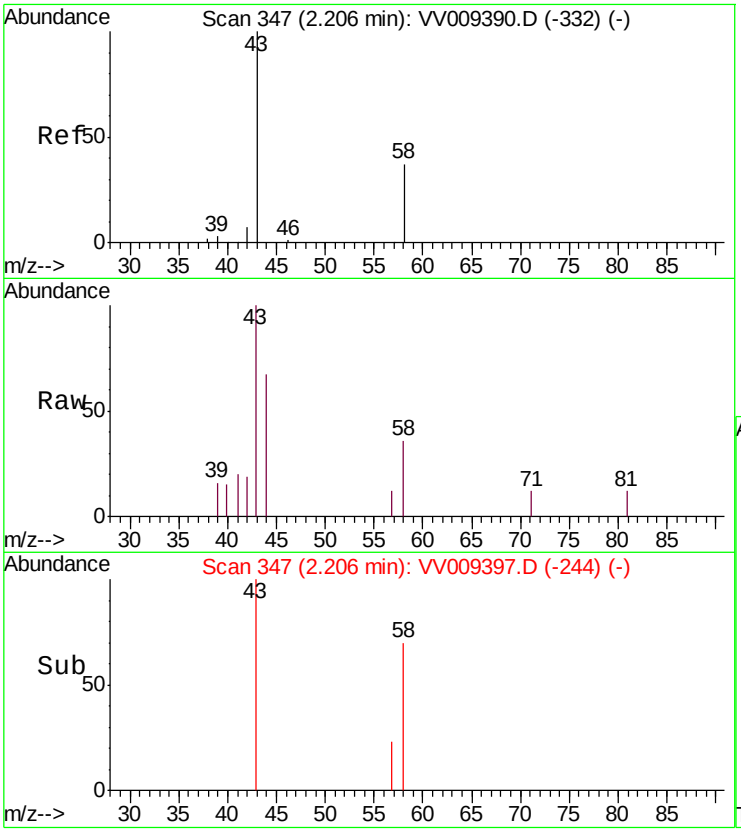
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration



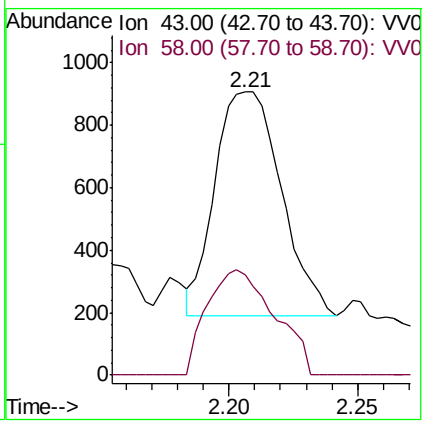


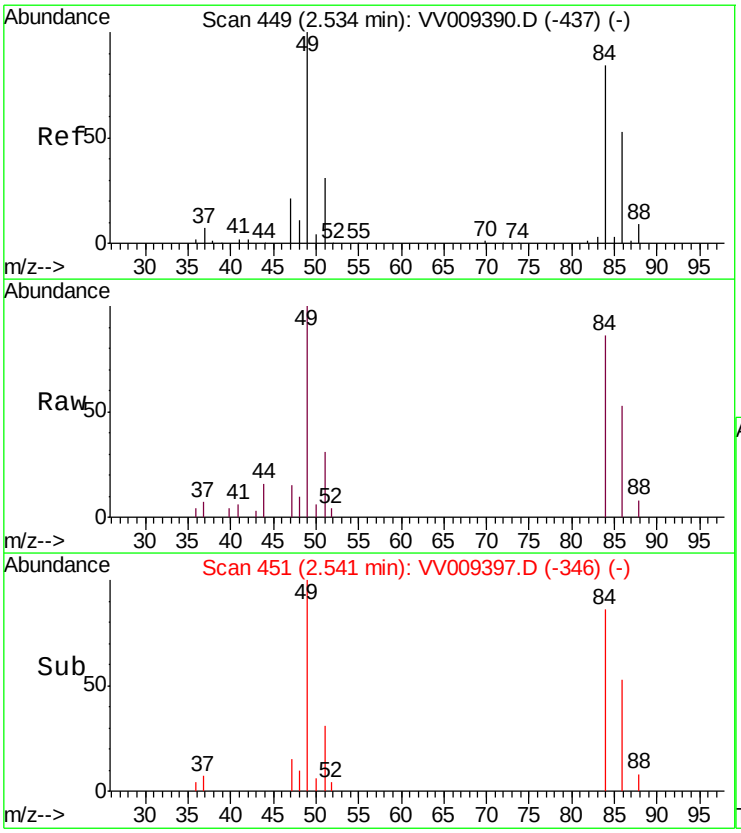
#13
Acetone
Concen: 1.889 ug/L
RT: 2.21 min Scan# 347
Delta R.T. 0.00 min
Lab File: VV009397.D
Acq: 27 Feb 2019 14:46

Instrument :
MSVOA_V
ClientSampleId :
BF5J0

Tgt Ion: 43 Resp: 1287

Ion	Ratio	Lower	Upper
43	100		
58	47.9	0.0	68.8

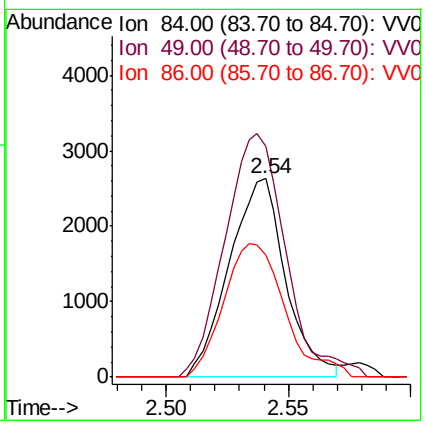


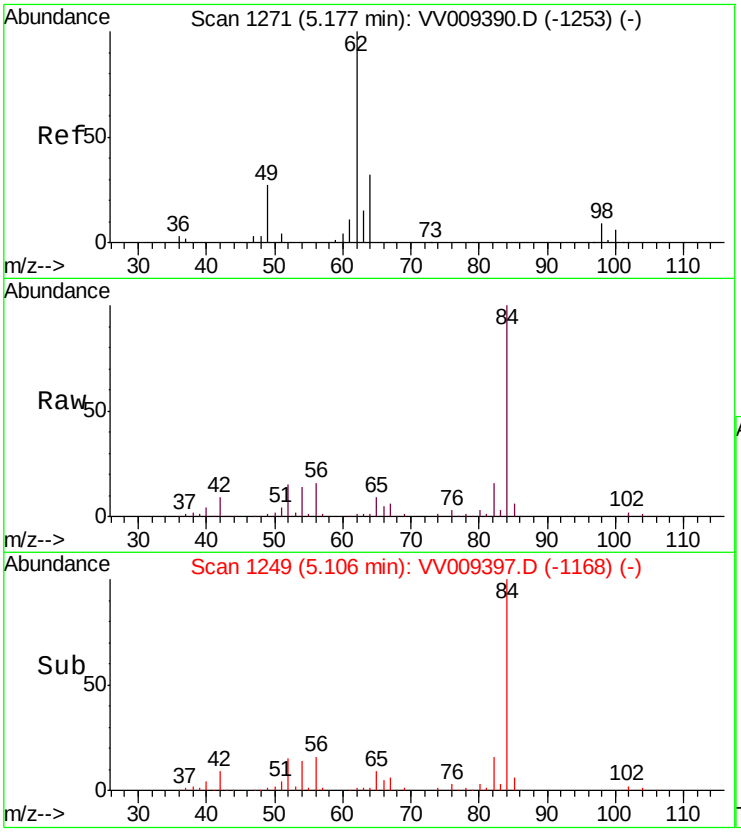


#16
Methylene chloride
Concen: 1.979 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV009397.D
Acq: 27 Feb 2019 14:46

Tgt Ion: 84 Resp: 4214

Ion	Ratio	Lower	Upper
84	100		
49	116.1	84.6	157.0
86	61.1	46.1	85.7



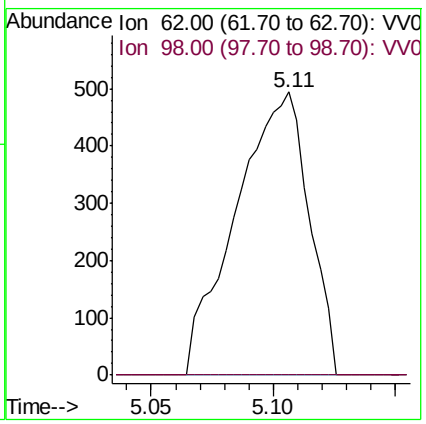


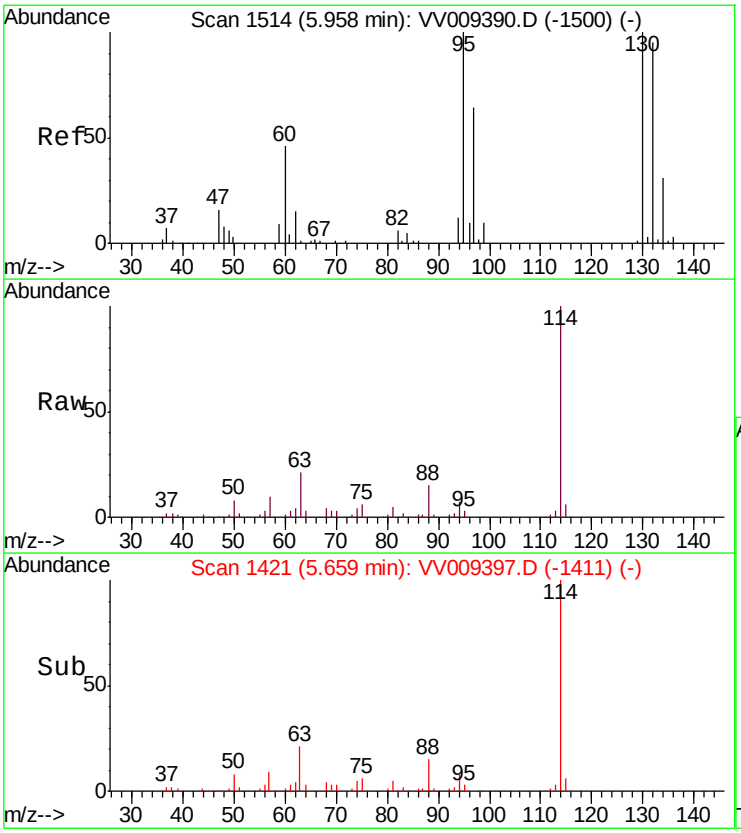
#27
1,2-Dichloroethane
Concen: 0.391 ug/L
RT: 5.11 min Scan# 1249
Delta R.T. -0.07 min
Lab File: VV009397.D
Acq: 27 Feb 2019 14:46

Instrument : MSVOA_V
ClientSampleId : BF5J0

Tgt Ion: 62 Resp: 1026

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

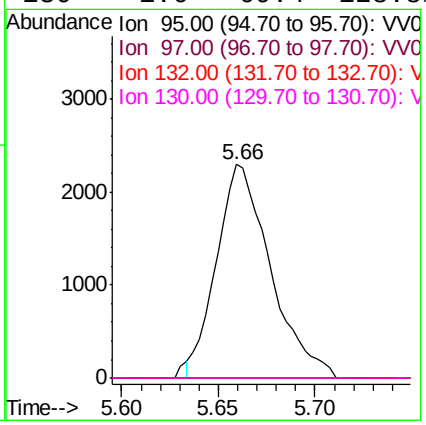


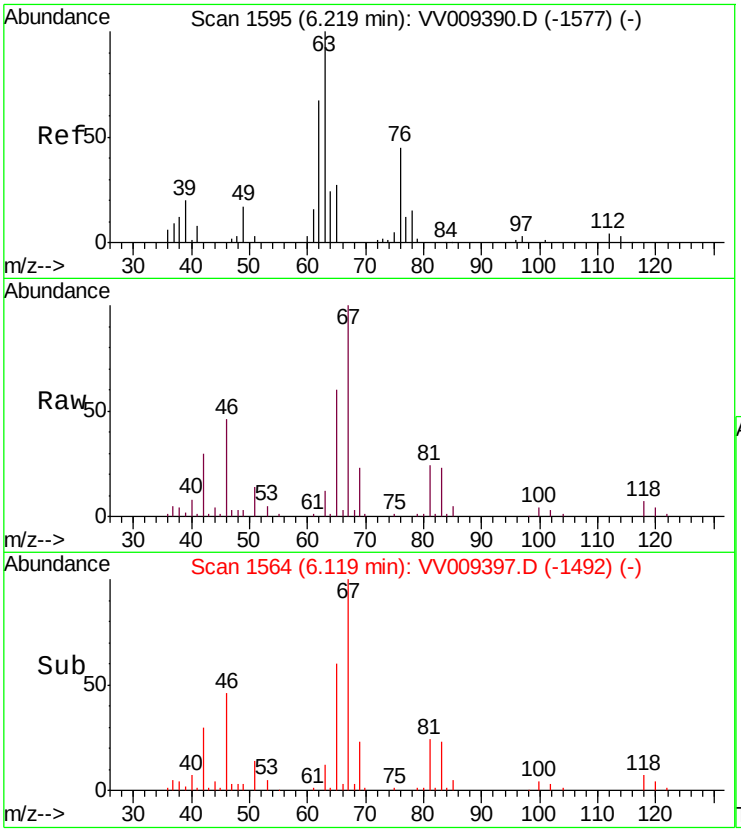


#35
Trichloroethene
Concen: 2.040 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV009397.D
Acq: 27 Feb 2019 14:46

Tgt Ion: 95 Resp: 4464

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.3	82.3#
132	0.0	64.4	119.6#
130	1.6	69.4	128.8#



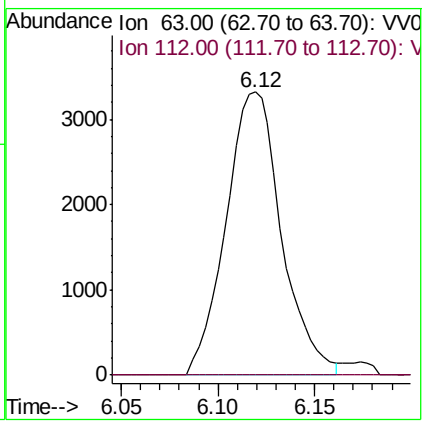


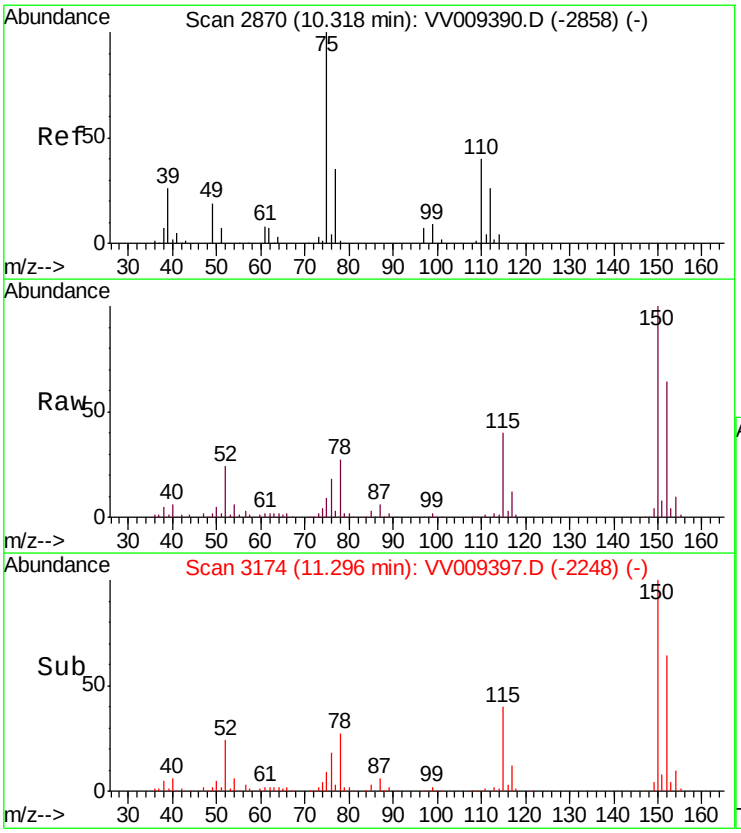
#40
1,2-Dichloropropane
Concen: 3.381 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009397.D
Acq: 27 Feb 2019 14:46

Instrument : MSVOA_V
ClientSampleId : BF5J0

Tgt Ion: 63 Resp: 6639

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#





#59
1,2,3-Trichloropropane
Concen: 5.270 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009397.D
Acq: 27 Feb 2019 14:46

Tgt Ion: 75 Resp: 8280

Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.9	38.9