Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022219\

Quantitation Report (Not Reviewed)

Data File : VV009339.D
Acq On : 22 Feb 2019 19:51
Operator : SY/MD
Sample : K1579-09
Misc : 7.44G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB606

Quant Time: Feb 23 00:41:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 23 00:37:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	70697	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	62742	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	21774	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	30111	32.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 128.04%			
7) Chloroethane-d5	1.58	69	47138	42.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 169.48%#			
10) 1,1-Dichloroethene-d2	2.13	63	57667	24.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.76%			
20) 2-Butanone-d5	3.96	46	12694	38.56	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.12%			
24) Chloroform-d	4.40	84	48548	29.57	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 118.28%			
26) 1,2-Dichloroethane-d4	5.08	65	28462	31.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 127.88%			
29) Benzene-d6	5.10	84	99978	31.77	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 127.08%			
33) 1,2-Dichloropropane-d6	6.12	67	32222	34.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 139.16%#			
37) Toluene-d8	7.36	98	88177	29.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 117.76%			
38) trans-1,3-Dichloropropene-	7.67	79	13959	29.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 117.40%			
39) 2-Hexanone-d5	8.14	63	11604	45.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.10%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31079	30.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 122.76%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	22987	28.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 114.96%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	551	0.531	ug/L #	1
16) Methylene chloride	2.54	84	962	0.900	ug/L	93
34) Benzene	5.10	78	913	0.266	ug/L	100
35) Trichloroethene	5.67	95	1994	2.090	ug/L #	4
40) 1,2-Dichloropropane	6.12	63	3603	4.327	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	595	0.421	ug/L #	70
45) trans-1,3-Dichloropropene	7.66	75	739	0.597	ug/L	90
49) 2-Hexanone	8.17	43	3061	5.694	ug/L #	39
59) 1,2,3-Trichloropropane	11.30	75	3385	4.515	ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022219\

Quantitation Report (Not Reviewed)

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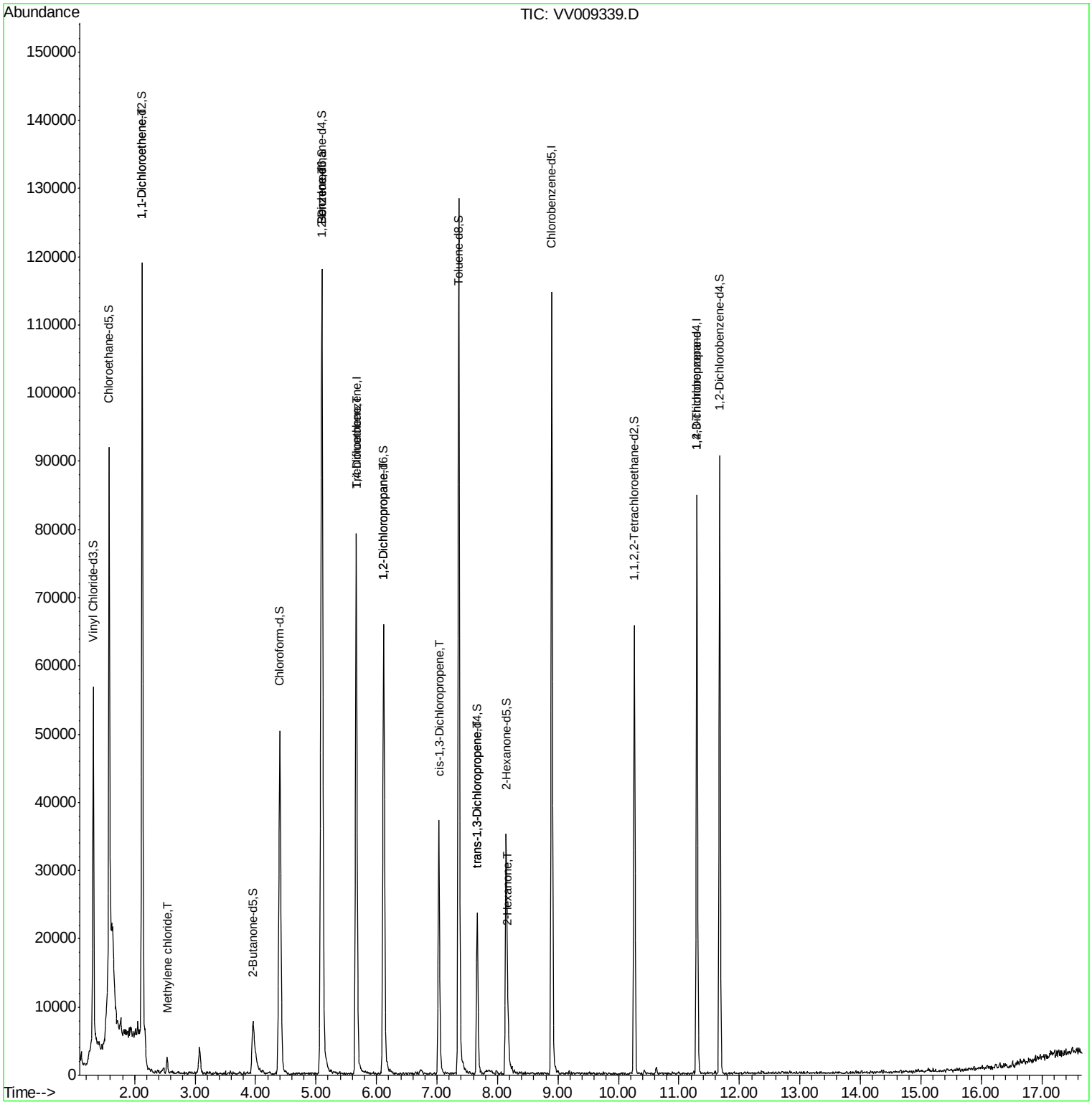
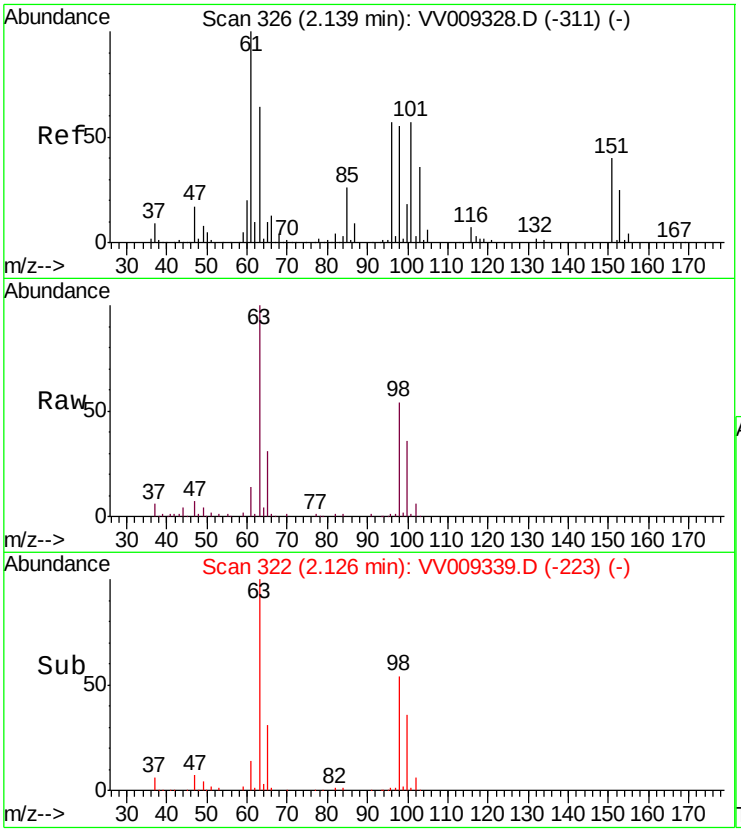
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB606

Quant Time: Feb 23 00:41:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 23 00:37:16 2019
Response via : Initial Calibration



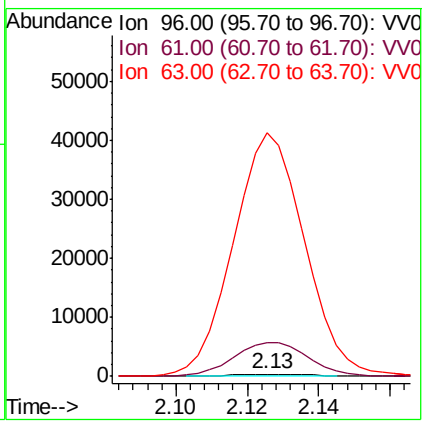


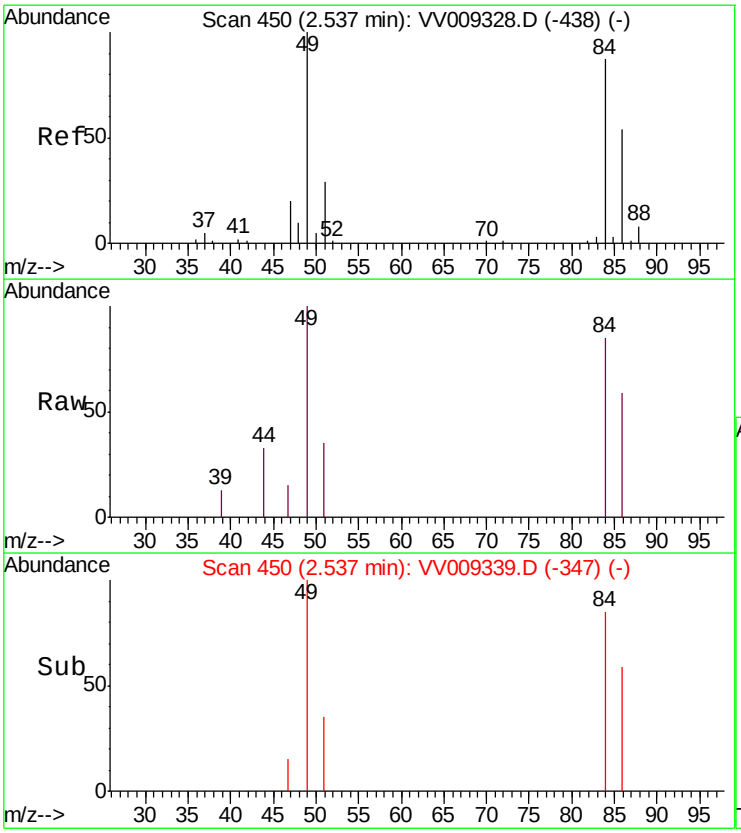
#12
1,1-Dichloroethene
Concen: 0.531 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV009339.D
Acq: 22 Feb 2019 19:51

Instrument : MSVOA_V
ClientSampleId : DB606

Tgt Ion: 96 Resp: 551

Ion	Ratio	Lower	Upper
96	100		
61	1576.9	123.3	228.9#
63	11215.2	88.4	164.2#

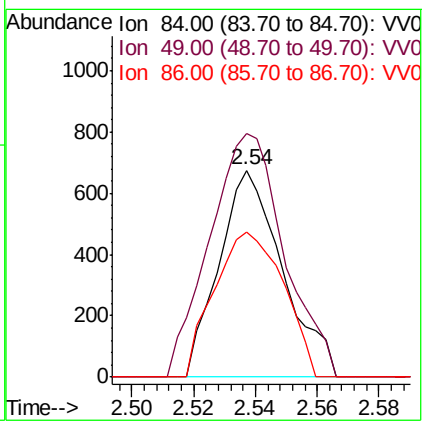


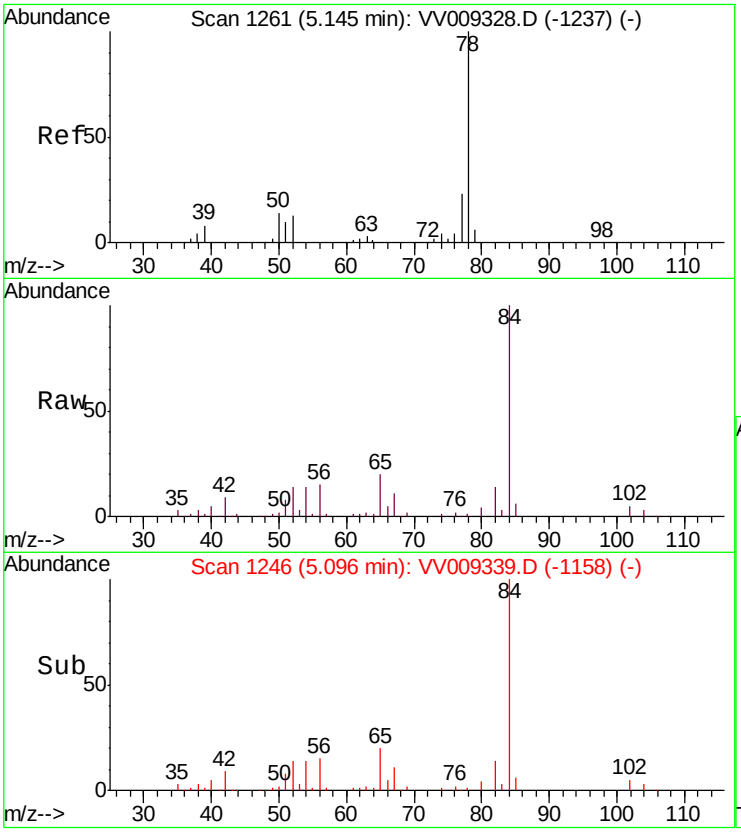


#16
Methylene chloride
Concen: 0.900 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV009339.D
Acq: 22 Feb 2019 19:51

Tgt Ion: 84 Resp: 962

Ion	Ratio	Lower	Upper
84	100		
49	117.8	78.7	146.1
86	70.1	44.0	81.6

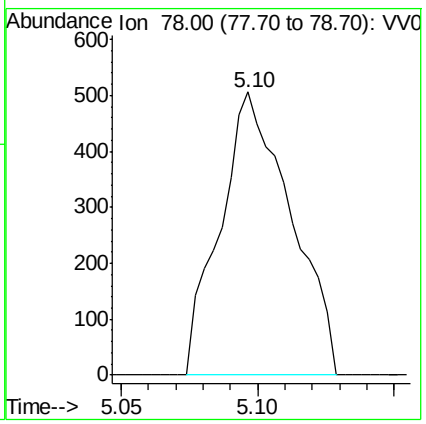


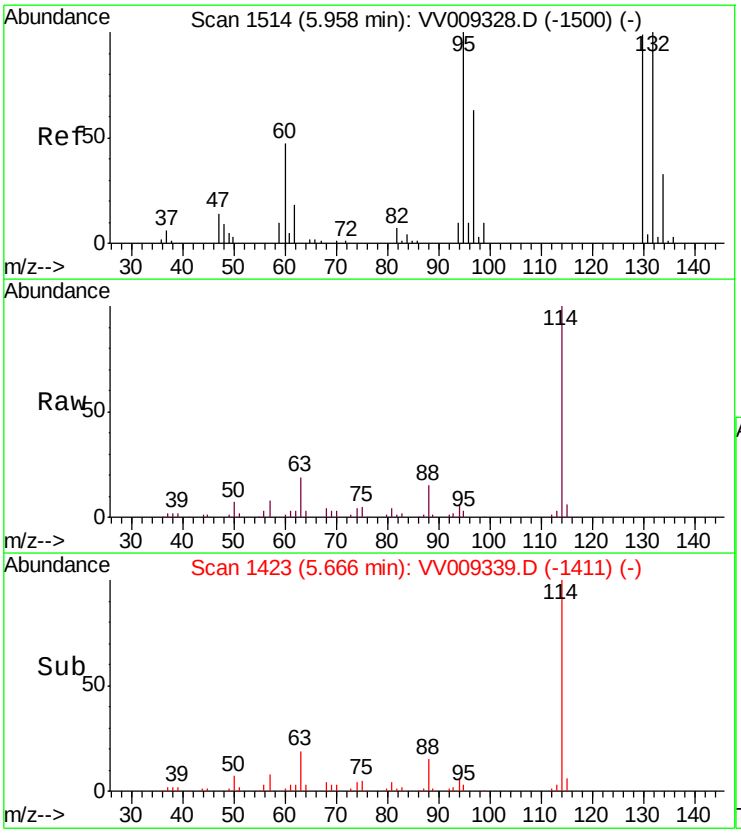


#34
Benzene
Concen: 0.266 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.05 min
Lab File: VV009339.D
Acq: 22 Feb 2019 19:51

Instrument :
MSVOA_V
ClientSampleId :
DB606

Tgt Ion: 78 Resp: 913

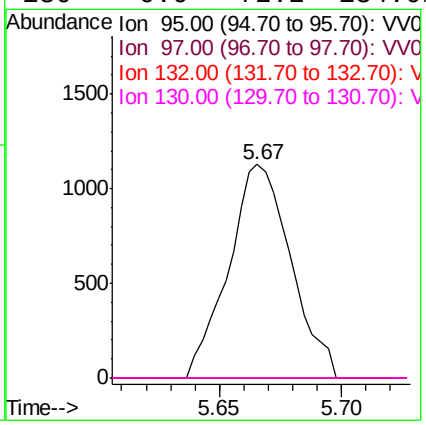


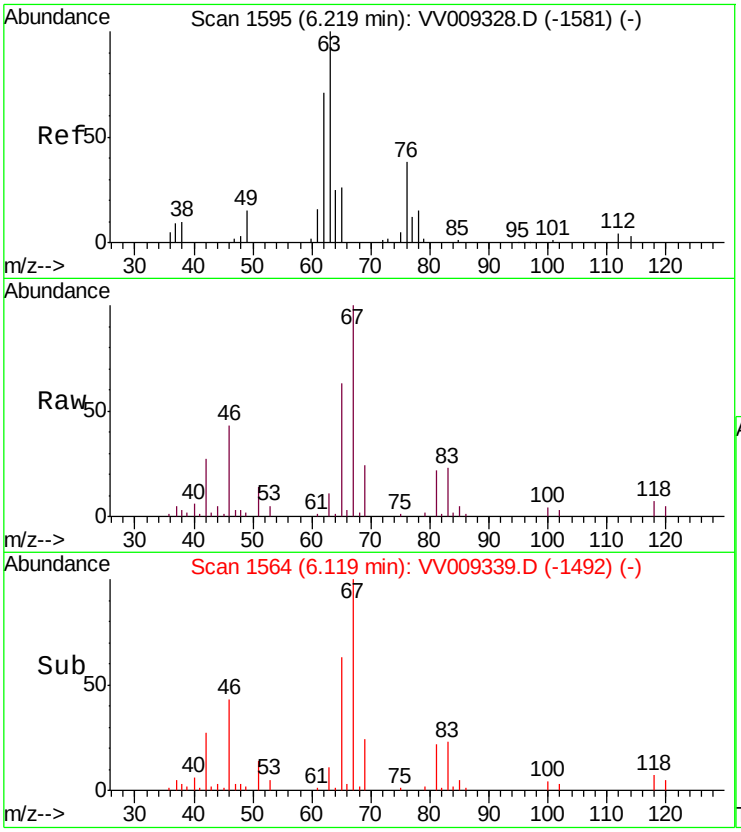


#35
Trichloroethene
Concen: 2.090 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV009339.D
Acq: 22 Feb 2019 19:51

Tgt Ion: 95 Resp: 1994

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	68.7	127.5#
130	0.0	72.2	134.0#



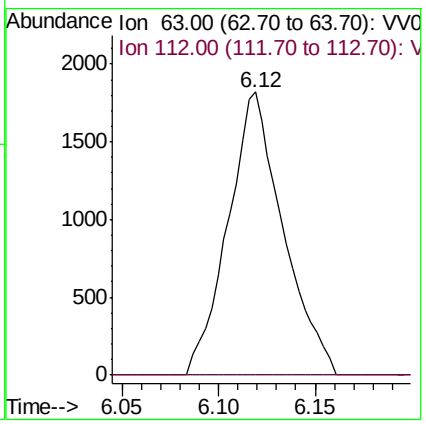


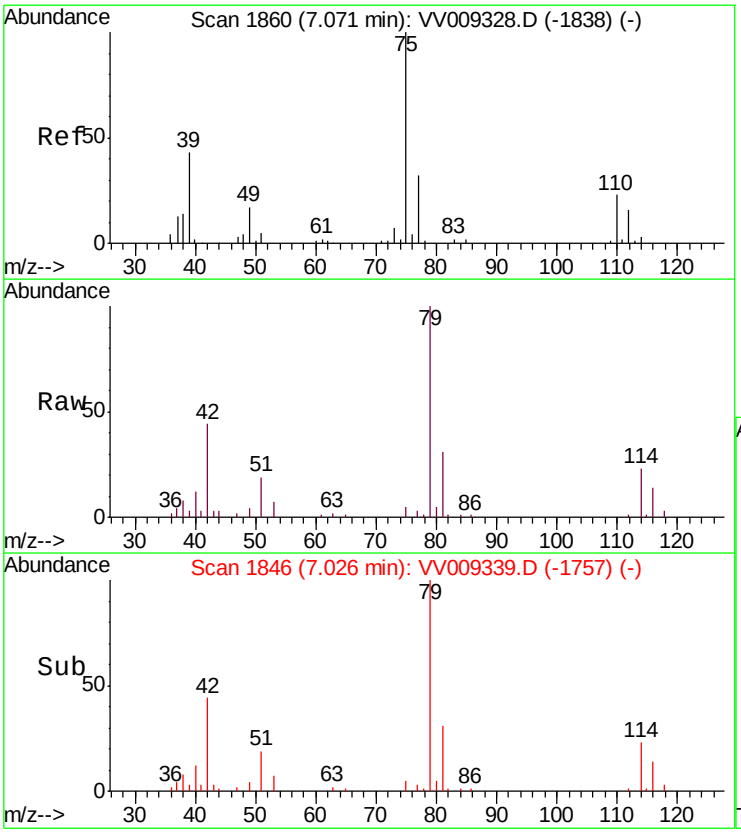
#40
1,2-Dichloropropane
Concen: 4.327 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009339.D
Acq: 22 Feb 2019 19:51

Instrument :
MSVOA_V
ClientSampleId :
DB606

Tgt Ion: 63 Resp: 3603

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

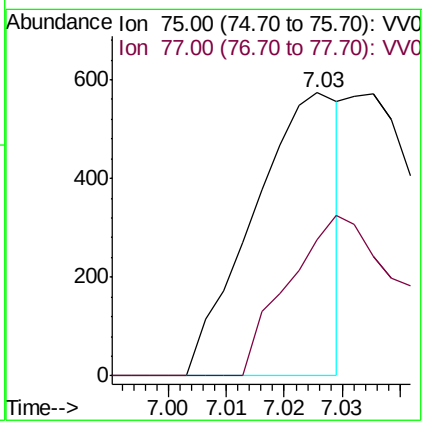


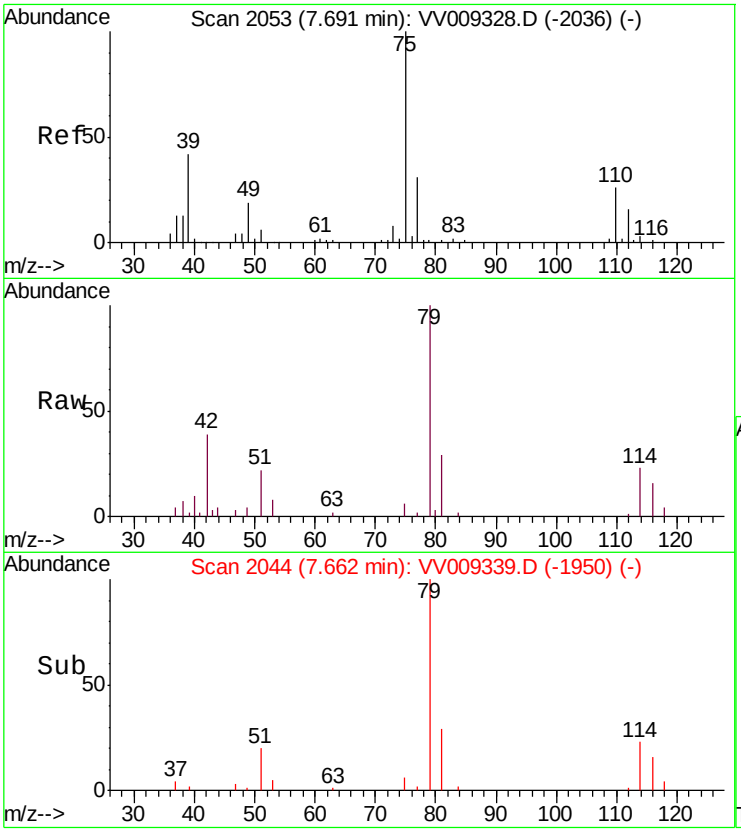


#42
cis-1,3-Dichloropropene
Concen: 0.421 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV009339.D
Acq: 22 Feb 2019 19:51

Tgt Ion: 75 Resp: 595

Ion	Ratio	Lower	Upper
75	100		
77	48.2	22.0	40.8#



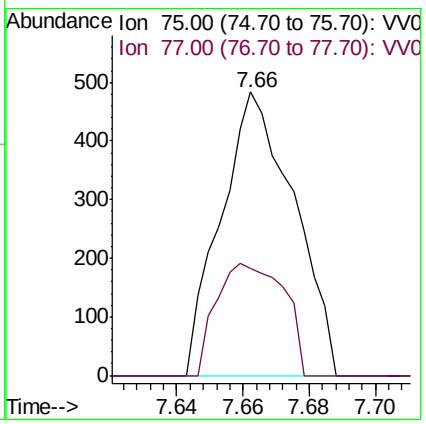


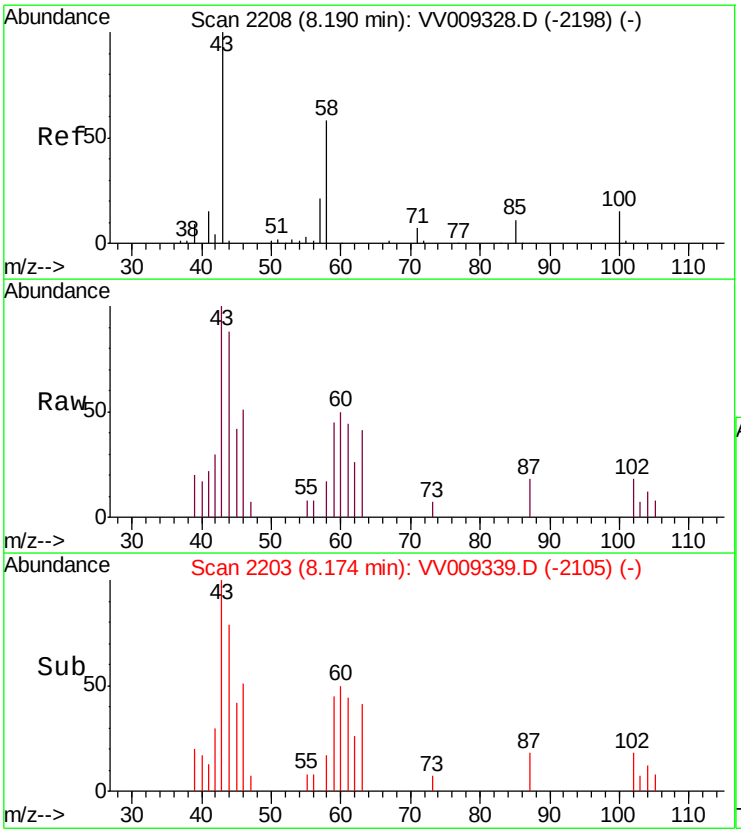
#45
trans-1,3-Dichloropropene
Concen: 0.597 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009339.D
Acq: 22 Feb 2019 19:51

Instrument : MSVOA_V
ClientSampleId : DB606

Tgt Ion: 75 Resp: 739

Ion	Ratio	Lower	Upper
75	100		
77	37.7	22.6	42.0

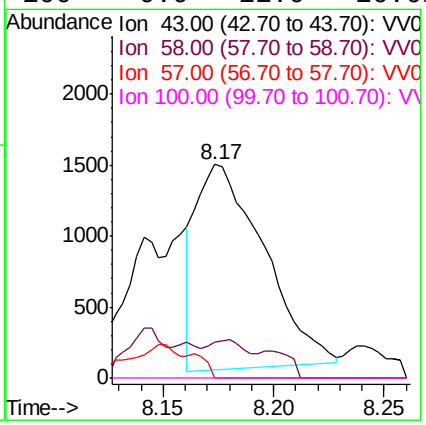


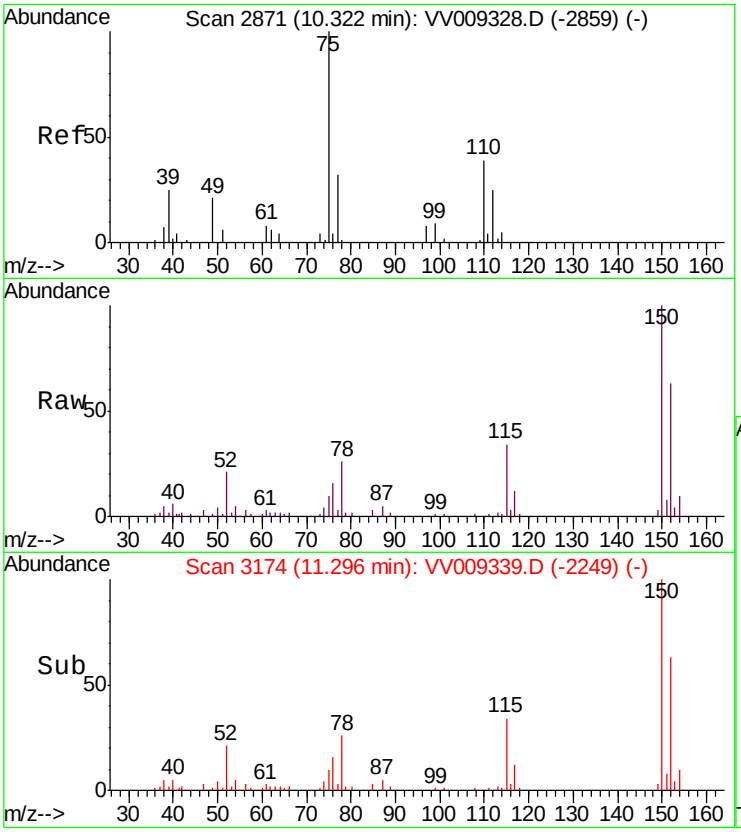


#49
2-Hexanone
Concen: 5.694 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. -0.02 min
Lab File: VV009339.D
Acq: 22 Feb 2019 19:51

Tgt Ion: 43 Resp: 3061

Ion	Ratio	Lower	Upper
43	100		
58	4.0	46.8	70.2#
57	0.0	14.2	21.2#
100	0.0	11.0	16.6#





#59
1,2,3-Trichloropropane
Concen: 4.515 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009339.D
Acq: 22 Feb 2019 19:51

Instrument :
MSVOA_V
ClientSampleId :
DB606

Tgt Ion: 75 Resp: 3385

Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.3	39.5