Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092518\

Quantitation Report (Not Reviewed)

Data File : VV007870.D
Acq On : 25 Sep 2018 22:10
Operator : SY/MD
Sample : J5036-01 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C08W4

Quant Time: Sep 26 05:01:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:58:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	182787	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	180614	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90200	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	53165	46.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.80%			
7) Chloroethane-d5	1.59	69	49692	50.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.44%			
11) 1,1-Dichloroethene-d2	2.14	63	89828	36.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.58%			
21) 2-Butanone-d5	3.95	46	60868	78.82	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 78.82%			
24) Chloroform-d	4.41	84	102668	43.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.28%			
26) 1,2-Dichloroethane-d4	5.09	65	88026	51.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.74%			
32) Benzene-d6	5.11	84	238841	49.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.76%			
36) 1,2-Dichloropropane-d6	6.13	67	76152	50.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.54%			
41) Toluene-d8	7.36	98	230487	47.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.54%			
43) trans-1,3-Dichloropropene-	7.67	79	32166	44.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.20%			
47) 2-Hexanone-d5	8.14	63	60242	94.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.17%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	105032	46.98	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.96%			
64) 1,2-Dichlorobenzene-d4	11.68	152	100935	50.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.68%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	779	0.622	ug/L #	15
12) 1,1-Dichloroethene	2.14	96	781	0.694	ug/L #	1
16) Methylene chloride	2.54	84	2228	1.790	ug/L	86
25) Chloroform	4.44	83	15888	6.501	ug/L	98
39) cis-1,3-Dichloropropene	7.04	75	2093	1.113	ug/L #	59
44) trans-1,3-Dichloropropene	7.67	75	1577	0.844	ug/L	85
65) 1,2-Dichlorobenzene	11.70	146	3235	1.105	ug/L	93

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

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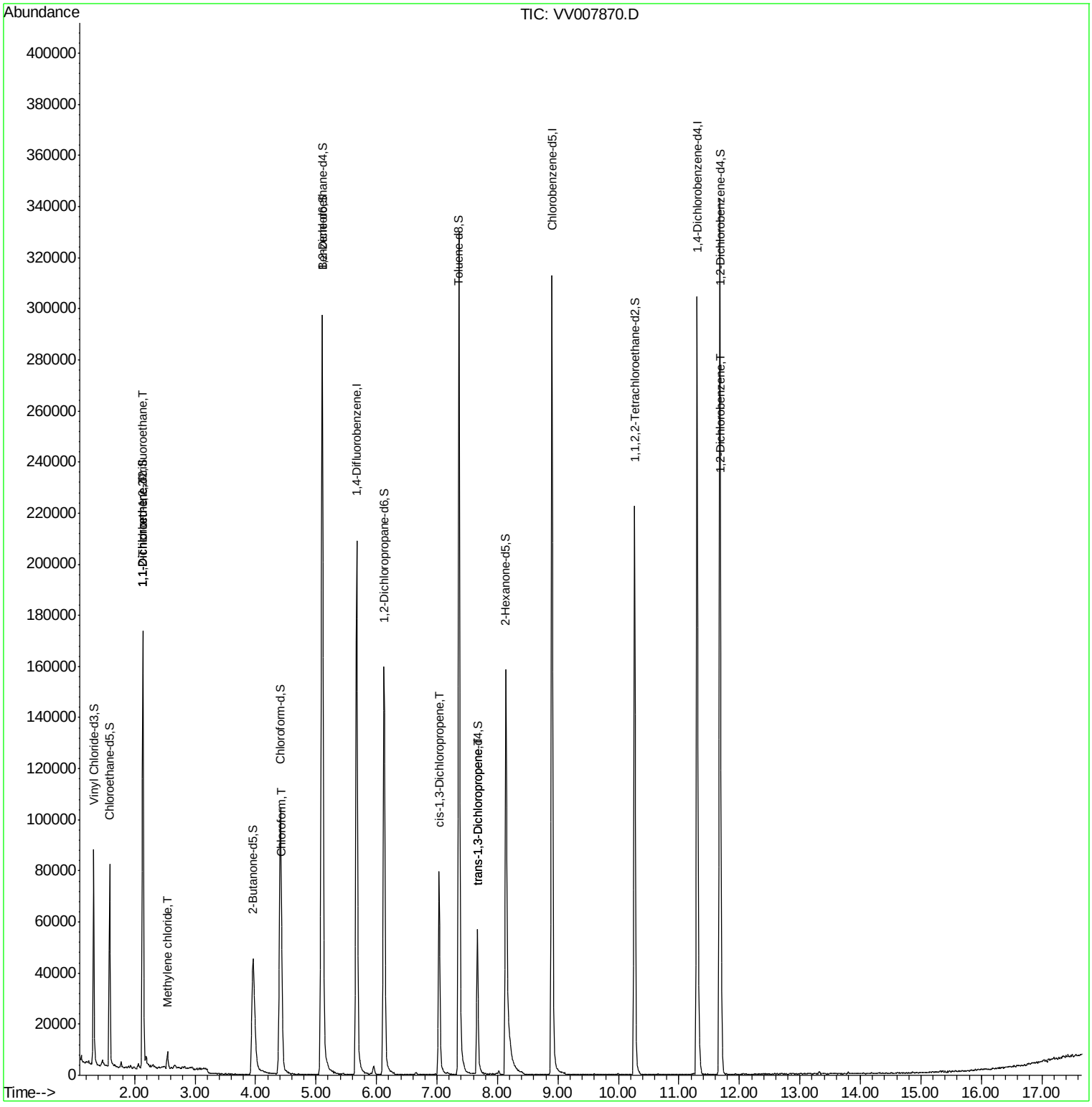
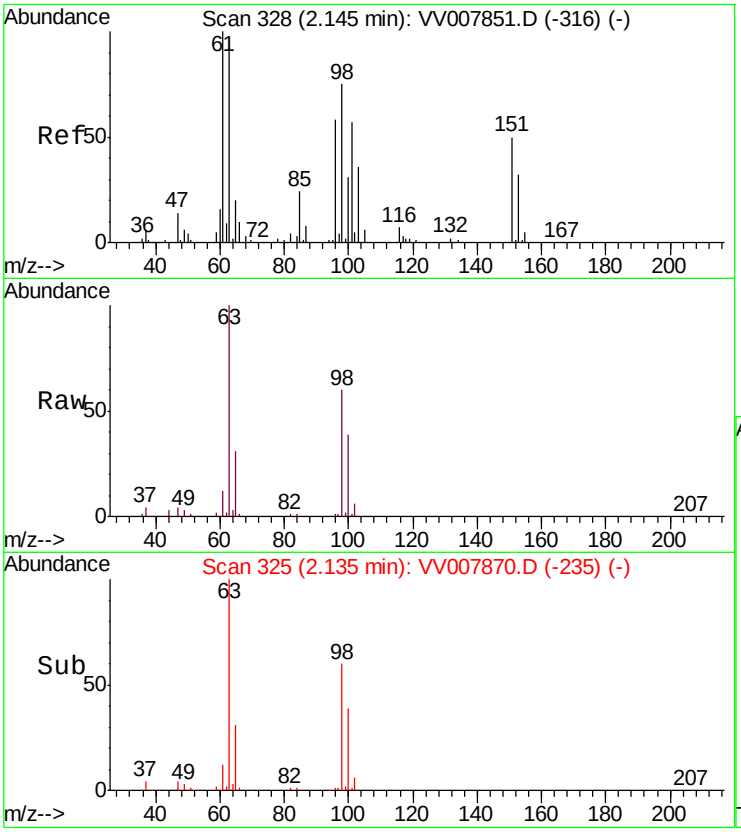
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:58:06 2018
Response via : Initial Calibration



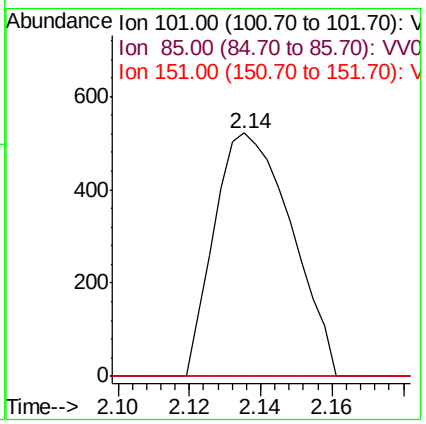


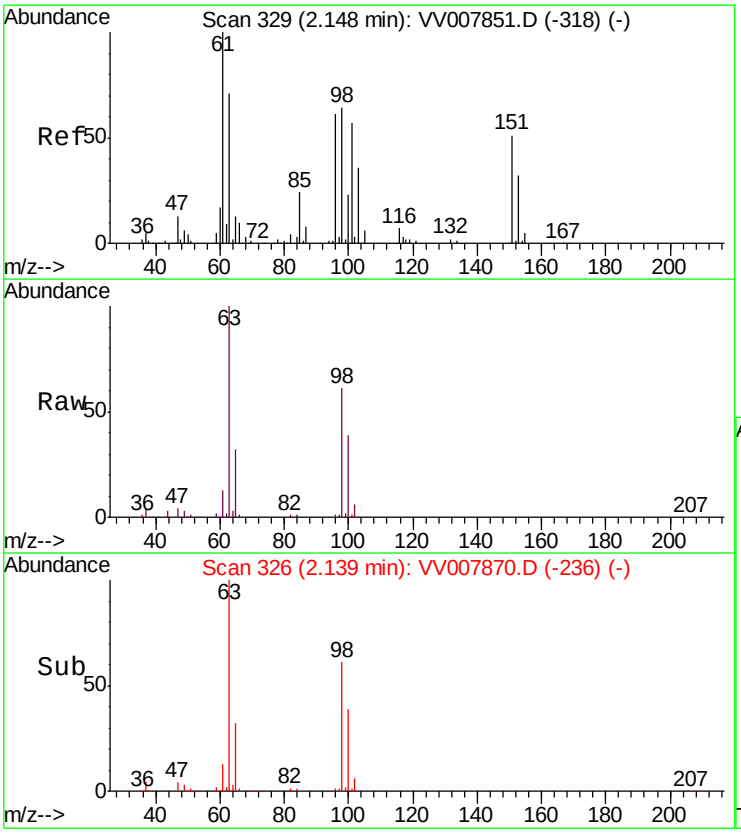
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.622 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV007870.D
Acq: 25 Sep 2018 22:10

Instrument : MSVOA_V
ClientSampleId : C08W4

Tgt Ion:101 Resp: 779

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.2	51.2#
151	0.0	69.7	104.5#

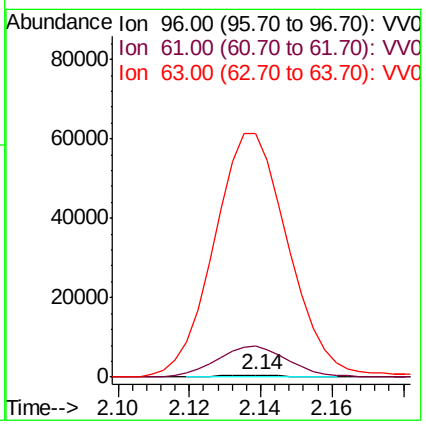


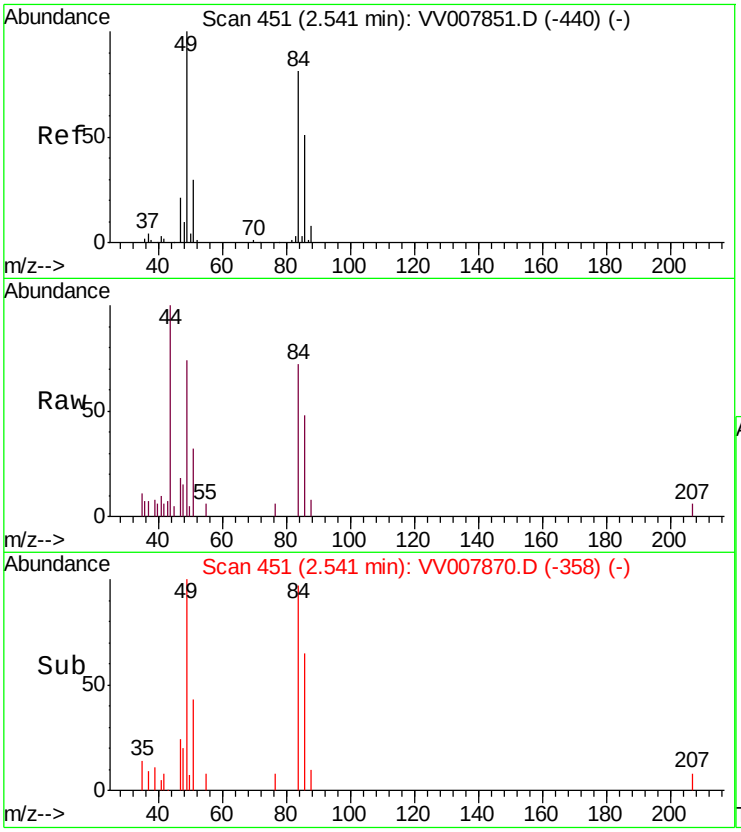


#12
1,1-Dichloroethene
Concen: 0.694 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VV007870.D
Acq: 25 Sep 2018 22:10

Tgt Ion: 96 Resp: 781

Ion	Ratio	Lower	Upper
96	100		
61	1342.1	116.1	215.7#
63	10626.0	86.5	160.7#



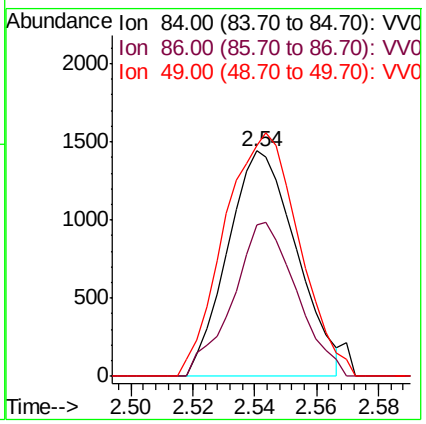


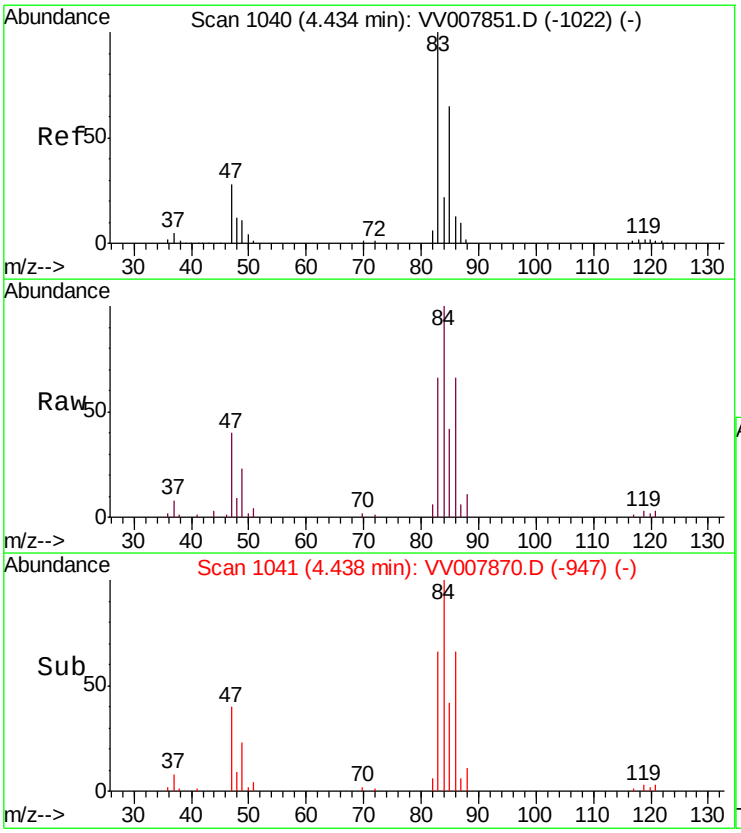
#16
Methylene chloride
Concen: 1.790 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007870.D
Acq: 25 Sep 2018 22:10

Instrument : MSVOA_V
ClientSampleId : C08W4

Tgt Ion: 84 Resp: 2228

Ion	Ratio	Lower	Upper
84	100		
86	67.1	44.4	82.4
49	102.8	86.8	161.2

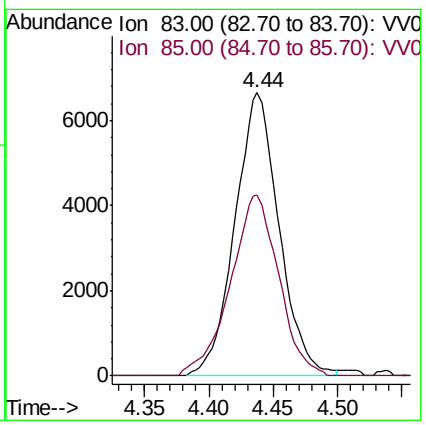


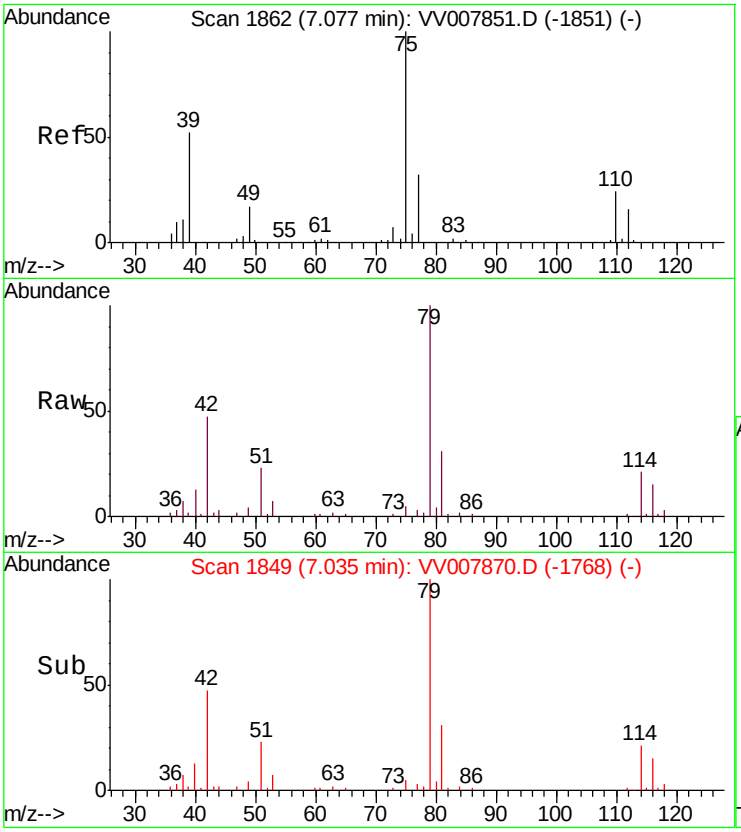


#25
Chloroform
Concen: 6.501 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV007870.D
Acq: 25 Sep 2018 22:10

Tgt Ion: 83 Resp: 15888

Ion	Ratio	Lower	Upper
83	100		
85	64.0	45.9	85.3



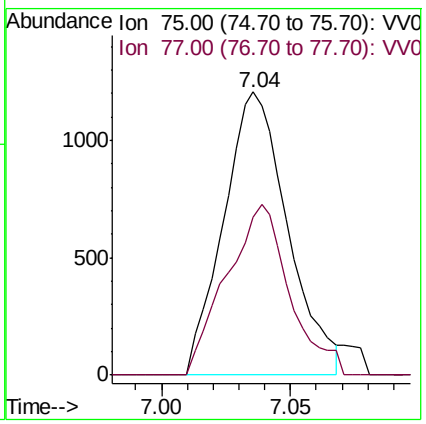


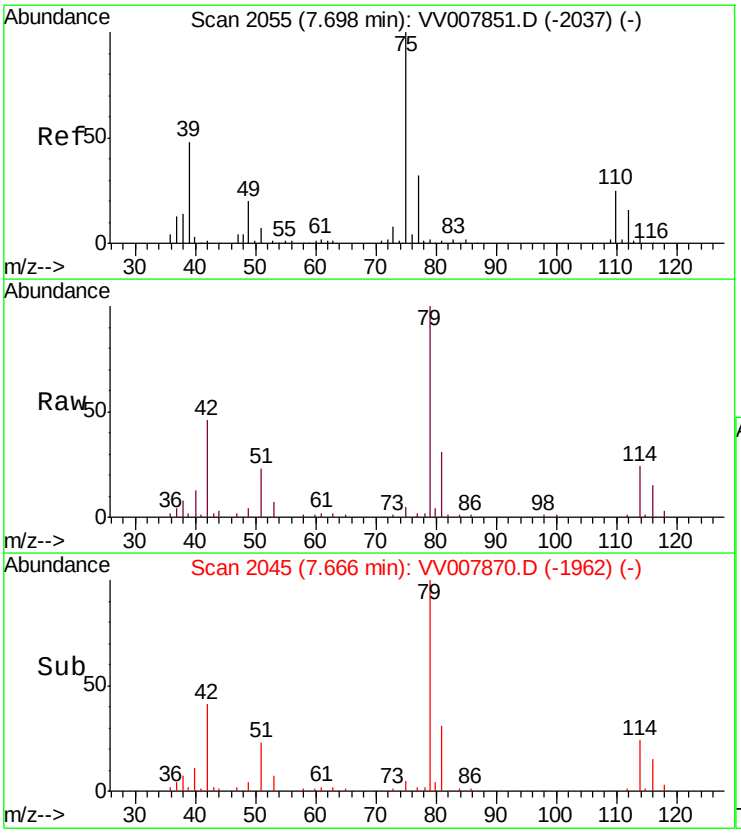
#39
cis-1,3-Dichloropropene
Concen: 1.113 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV007870.D
Acq: 25 Sep 2018 22:10

Instrument :
MSVOA_V
ClientSampleId :
C08W4

Tgt Ion: 75 Resp: 2093

Ion	Ratio	Lower	Upper
75	100		
77	55.8	22.8	42.4#

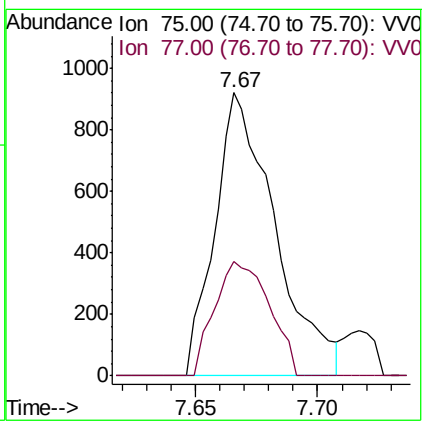


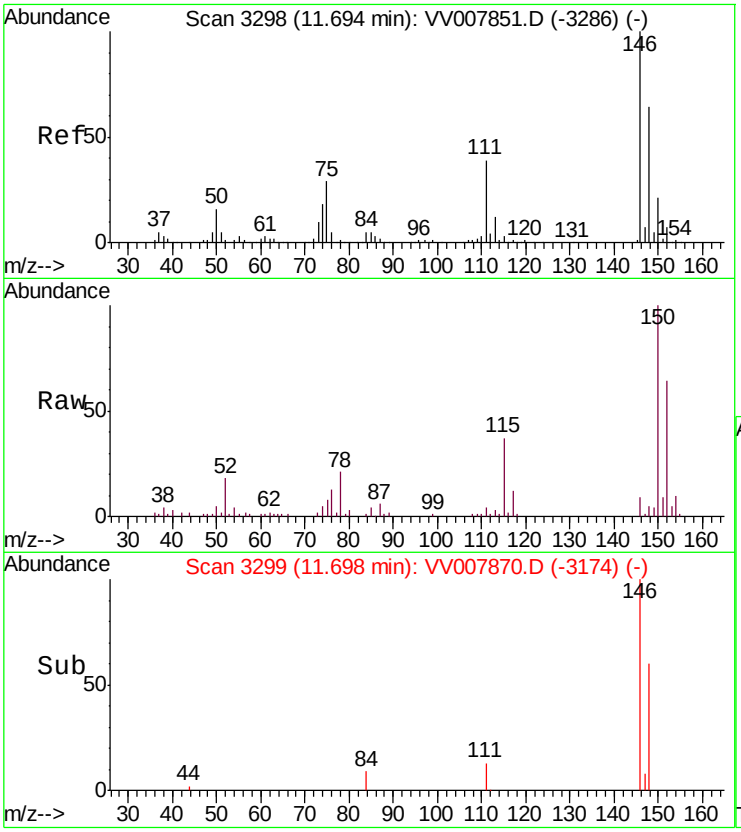


#44
trans-1,3-Dichloropropene
Concen: 0.844 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV007870.D
Acq: 25 Sep 2018 22:10

Tgt Ion: 75 Resp: 1577

Ion	Ratio	Lower	Upper
75	100		
77	40.5	22.5	41.9





#65
1,2-Dichlorobenzene
Concen: 1.105 ug/L
RT: 11.70 min Scan# 3299
Delta R.T. 0.00 min
Lab File: VV007870.D
Acq: 25 Sep 2018 22:10

Instrument :
MSVOA_V
ClientSampleId :
C08W4

Tgt Ion:146 Resp: 3235

Ion	Ratio	Lower	Upper
146	100		
111	45.6	31.2	46.8
148	60.3	51.5	77.3