Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030119\

Quantitation Report (Not Reviewed)

Data File : VV009462.D
Acq On : 01 Mar 2019 18:24
Operator : SY/MD
Sample : K1660-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 02 00:12:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 02 00:06:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	85594	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83868	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39200	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	20585	4.61	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.20%			
7) Chloroethane-d5	1.58	69	19886	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.40%			
11) 1,1-Dichloroethene-d2	2.13	63	42662	3.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.40%			
20) 2-Butanone-d5	3.96	46	46853	55.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.52%			
24) Chloroform-d	4.40	84	43628	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
26) 1,2-Dichloroethane-d4	5.08	65	22668	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
32) Benzene-d6	5.10	84	89955	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
36) 1,2-Dichloropropane-d6	6.12	67	27222	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.36	98	89070	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
43) trans-1,3-Dichloropropene-	7.67	79	10958	4.56	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.20%			
46) 2-Hexanone-d5	8.14	63	43866	56.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.68%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	21668	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.80%			
64) 1,2-Dichlorobenzene-d4	11.68	152	32757	5.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	548	0.098	ug/L #	77
5) Vinyl chloride	1.32	62	1926	0.316	ug/L #	33
12) 1,1-Dichloroethene	2.14	96	2205	0.393	ug/L #	1
13) Acetone	2.20	43	3136	3.894	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	2460	0.405	ug/L	99
19) 1,1-Dichloroethane	3.22	63	934	0.114	ug/L #	64
22) cis-1,2-Dichloroethene	3.96	96	112495	19.832	ug/L	96
34) Trichloroethene	5.96	95	459930	74.717	ug/L	96
37) 1,2-Dichloropropane	6.12	63	3167	0.594	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	960	0.114	ug/L #	49
42) Toluene	7.43	91	17430	0.702	ug/L	96
44) trans-1,3-Dichloropropene	7.67	75	589	0.090	ug/L #	82
47) Tetrachloroethene	8.02	164	9578	1.982	ug/L	91
49) Dibromochloromethane	8.02	129	9102	1.832	ug/L #	9
51) Chlorobenzene	8.93	112	5988	0.370	ug/L	97
62) 1,3-Dichlorobenzene	11.32	146	1190	0.096	ug/L #	83
63) 1,4-Dichlorobenzene	11.32	146	1190	0.098	ug/L #	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030119\

Quantitation Report (Not Reviewed)

Data File : VV009462.D
Acq On : 01 Mar 2019 18:24
Operator : SY/MD
Sample : K1660-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 02 00:12:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 02 00:06:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

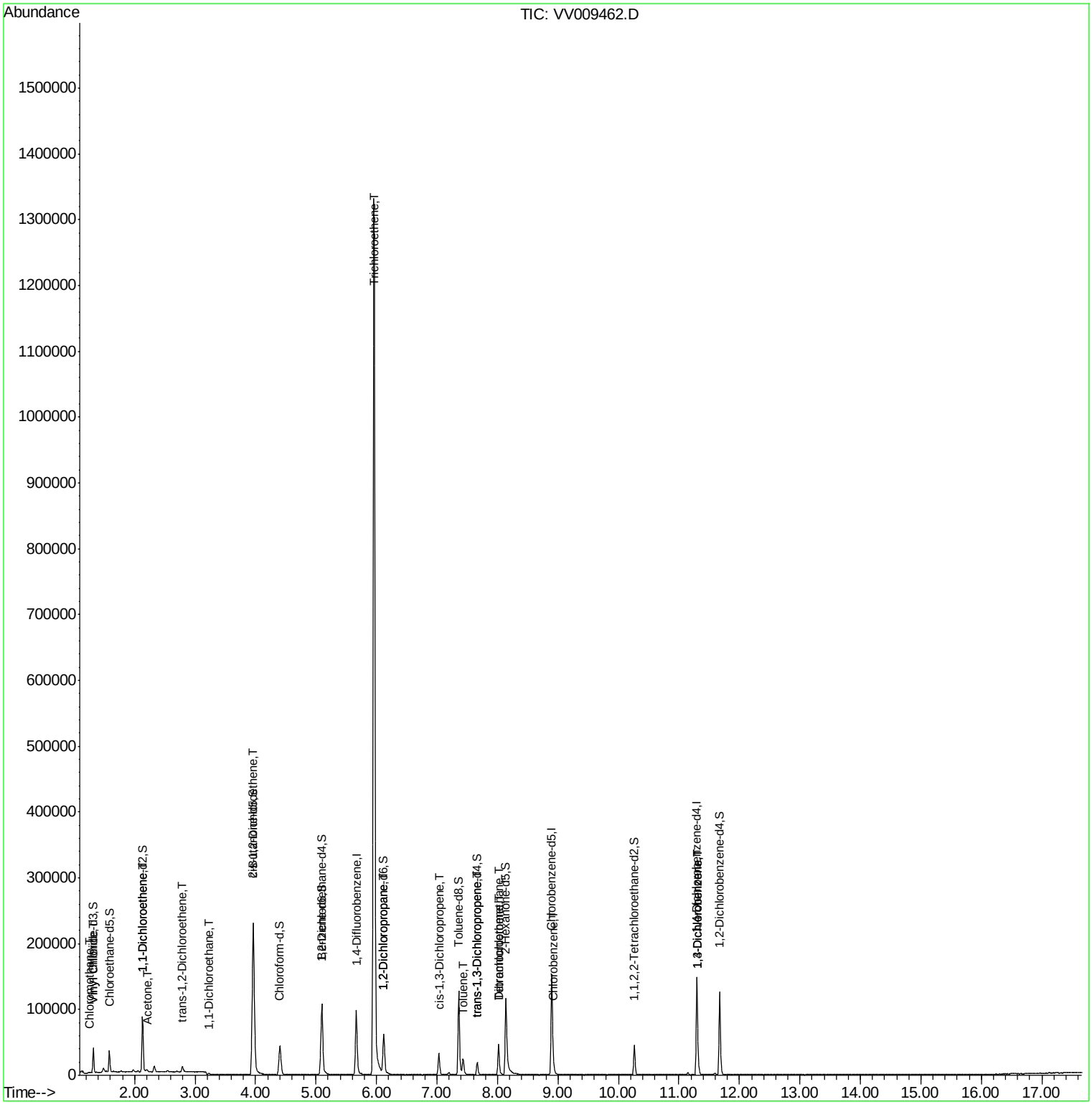
(#) = qualifier out of range (m) = manual integration (+) = signals summed

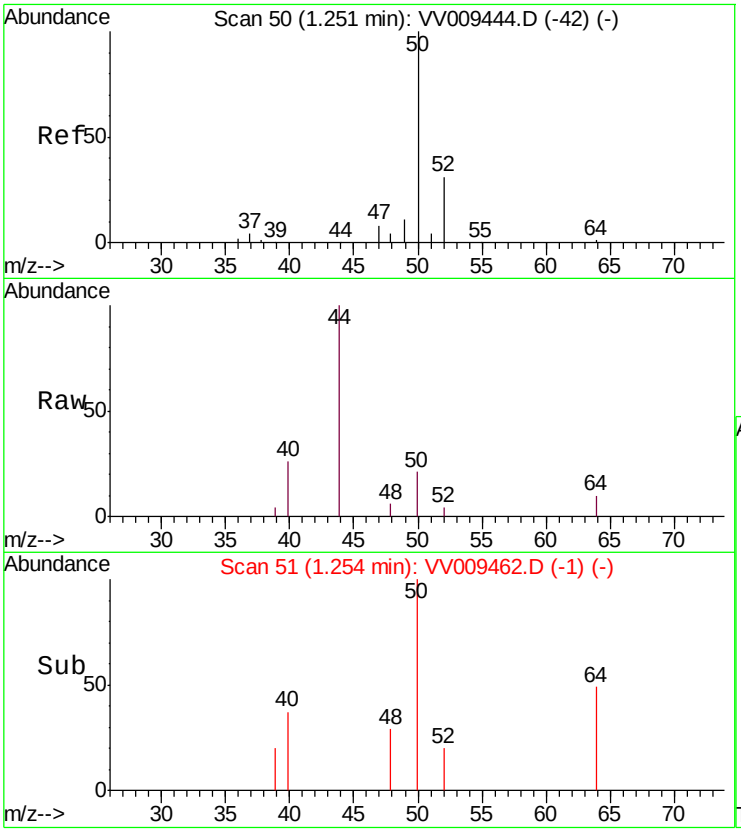
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030119\

Quantitation Report (Not Reviewed)

Data File : VV009462.D
Acq On : 01 Mar 2019 18:24
Operator : SY/MD
Sample : K1660-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 02 00:12:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 02 00:06:51 2019
Response via : Initial Calibration

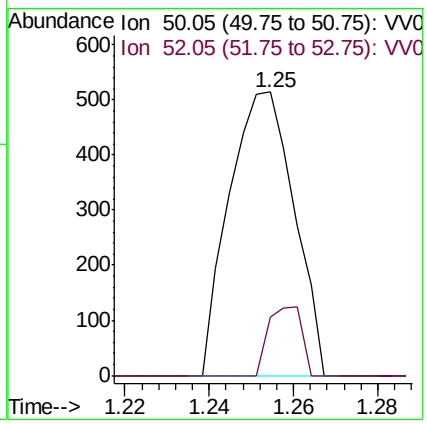


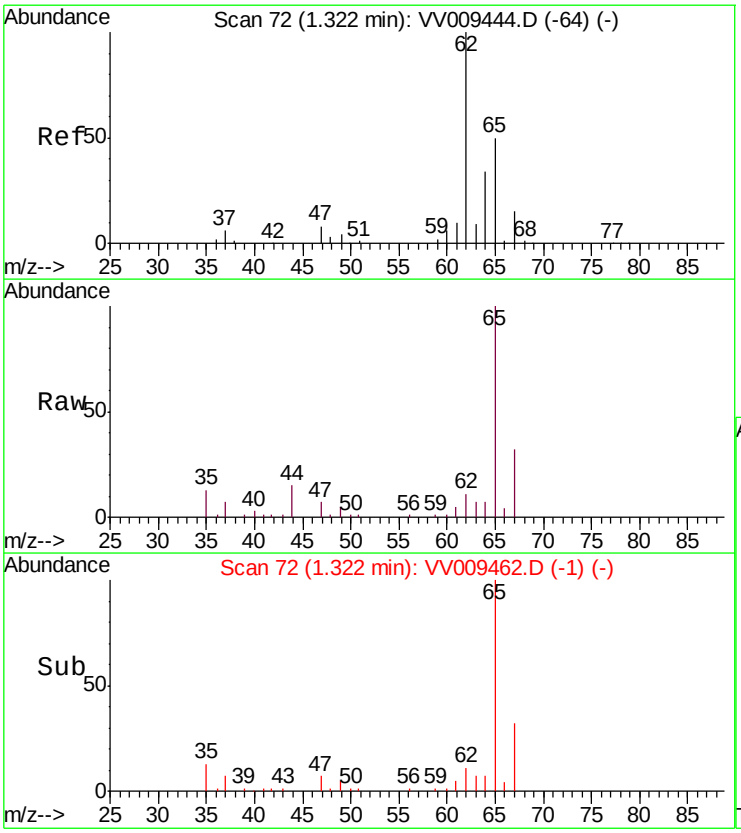


#3
Chloromethane
Concen: 0.098 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion: 50 Resp: 548

Ion	Ratio	Lower	Upper
50	100		
52	20.4	23.5	43.7#

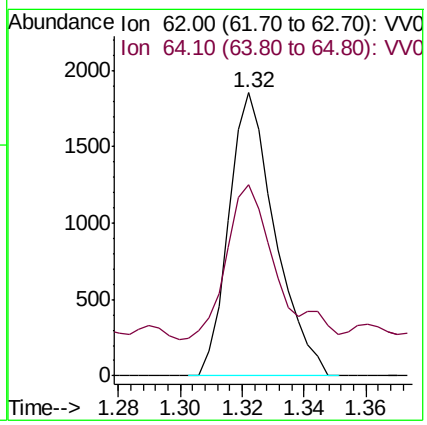


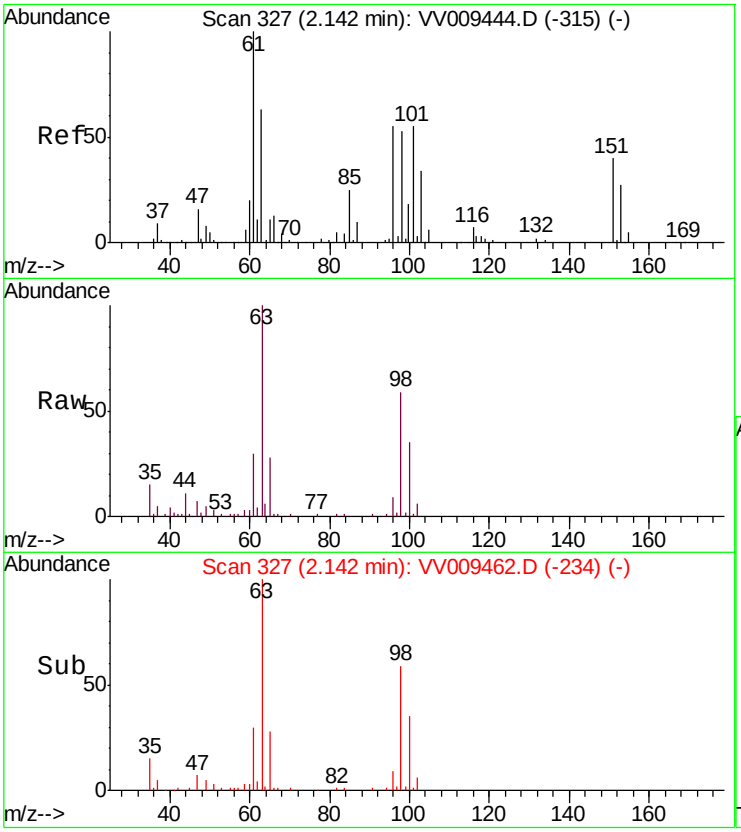


#5
Vinyl chloride
Concen: 0.316 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion: 62 Resp: 1926

Ion	Ratio	Lower	Upper
62	100		
64	67.7	21.6	40.0#

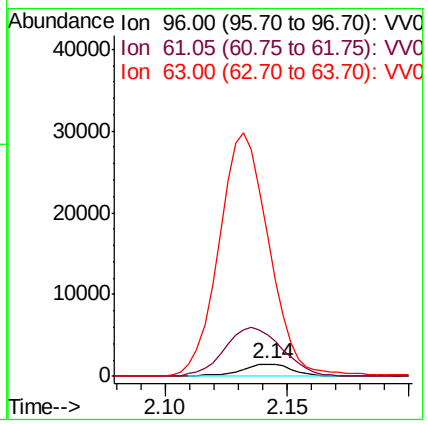


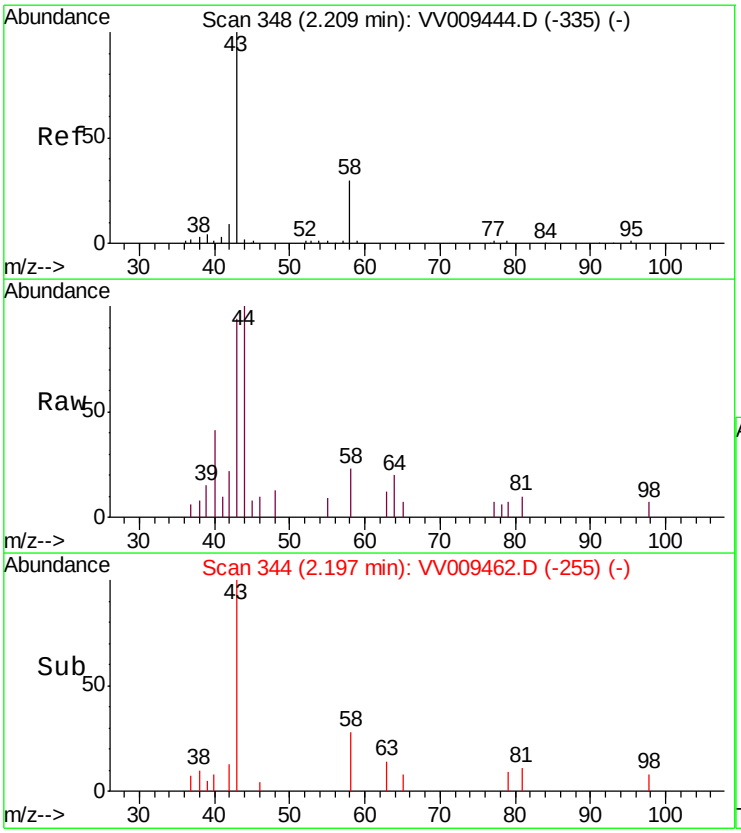


#12
1,1-Dichloroethene
Concen: 0.393 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion: 96 Resp: 2205

Ion	Ratio	Lower	Upper
96	100		
61	346.4	123.1	228.5#
63	1158.4	82.9	153.9#

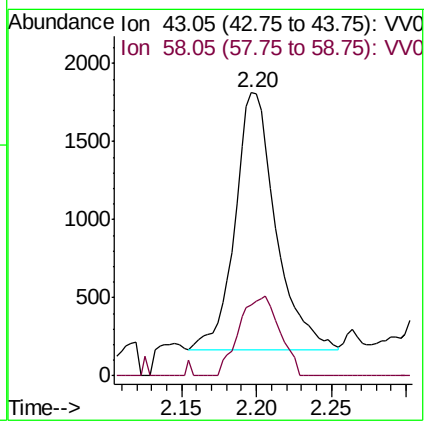


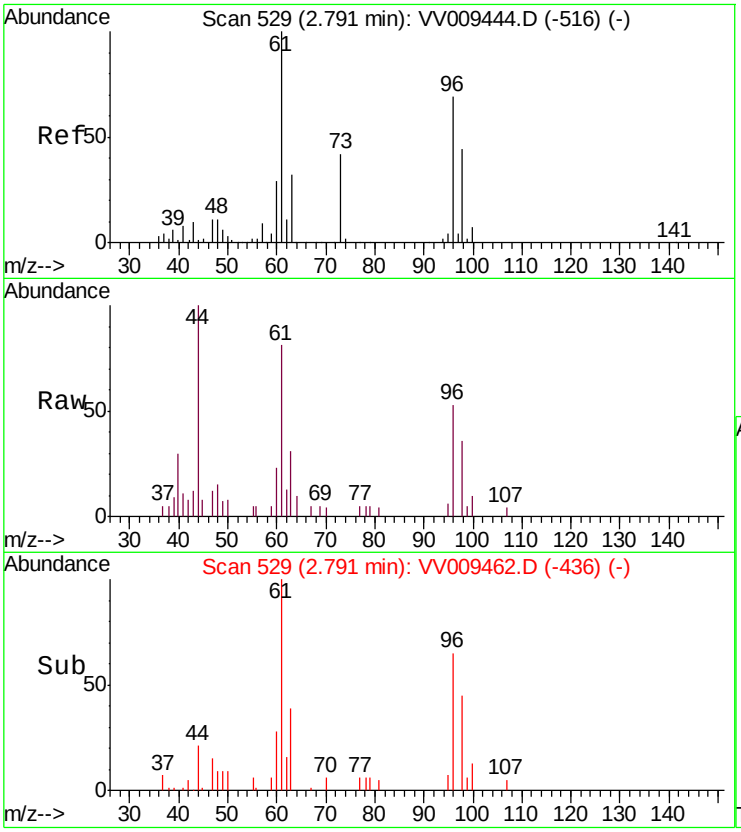


#13
Acetone
Concen: 3.894 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.01 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion: 43 Resp: 3136

Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	62.0

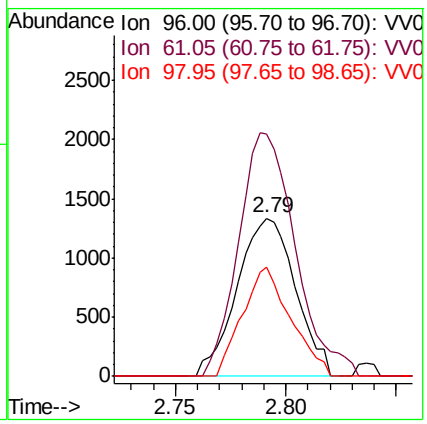


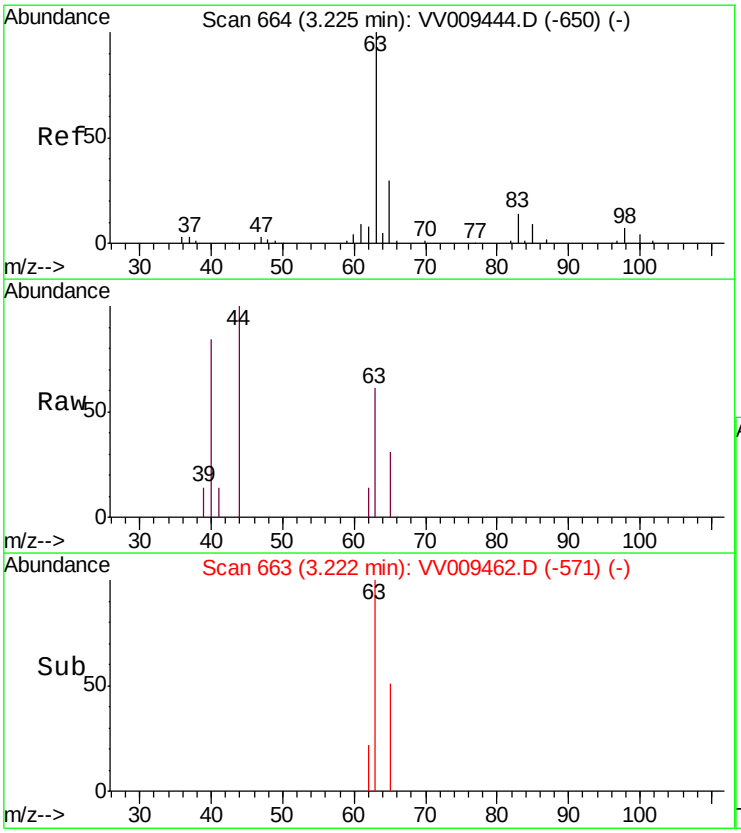


#18
trans-1,2-Dichloroethene
Concen: 0.405 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion: 96 Resp: 2460

Ion	Ratio	Lower	Upper
96	100		
61	153.1	106.0	196.8
98	69.0	48.2	89.4

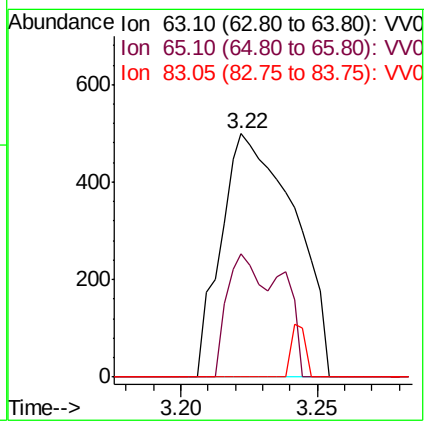


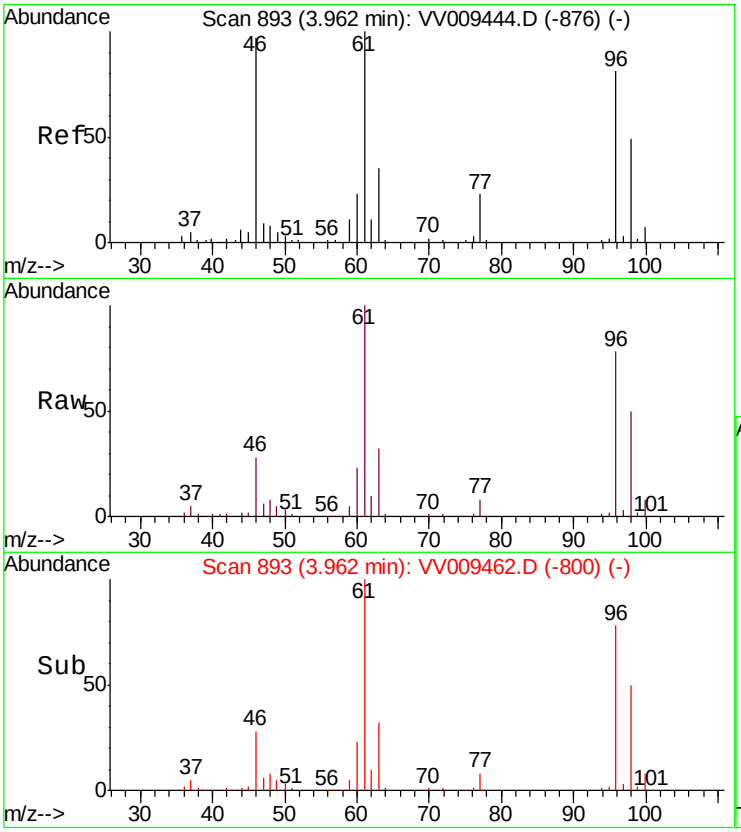


#19
1,1-Dichloroethane
Concen: 0.114 ug/L
RT: 3.22 min Scan# 663
Delta R.T. -0.00 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion: 63 Resp: 934

Ion	Ratio	Lower	Upper
63	100		
65	50.7	21.6	40.2#
83	0.0	10.4	19.4#

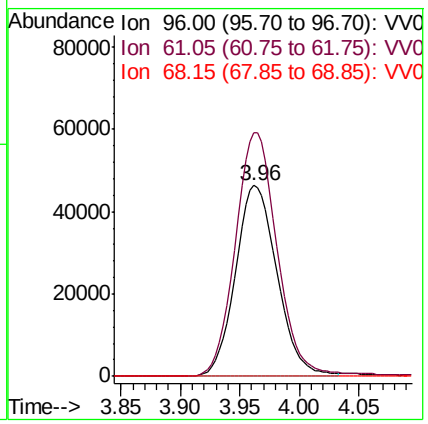


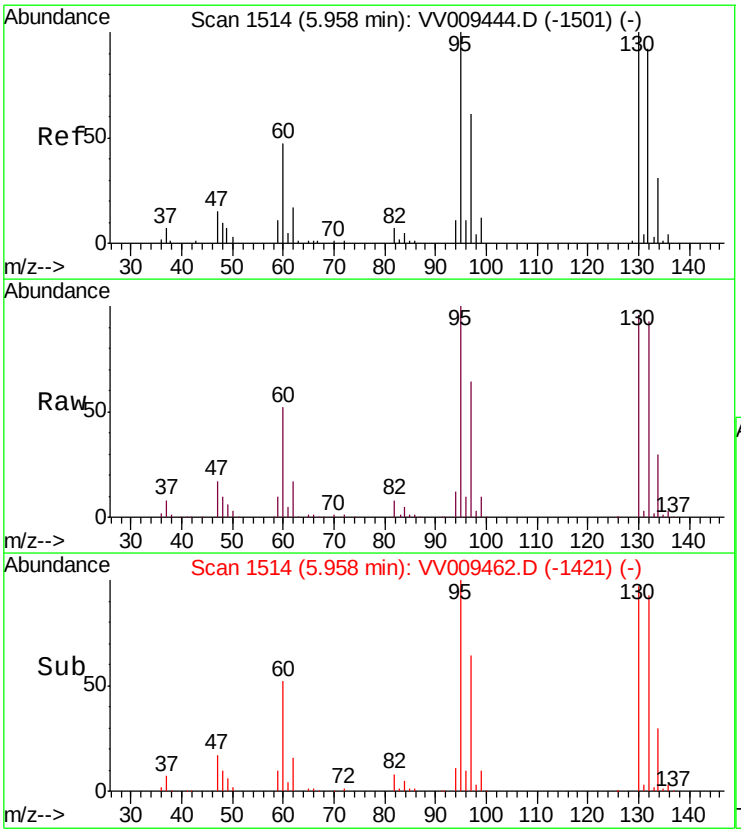


#22
cis-1,2-Dichloroethene
Concen: 19.832 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion: 96 Resp: 112495

Ion	Ratio	Lower	Upper
96	100		
61	127.5	86.0	159.8
68	0.0	0.0	0.0

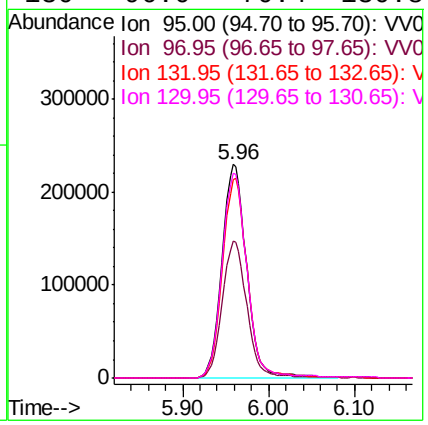


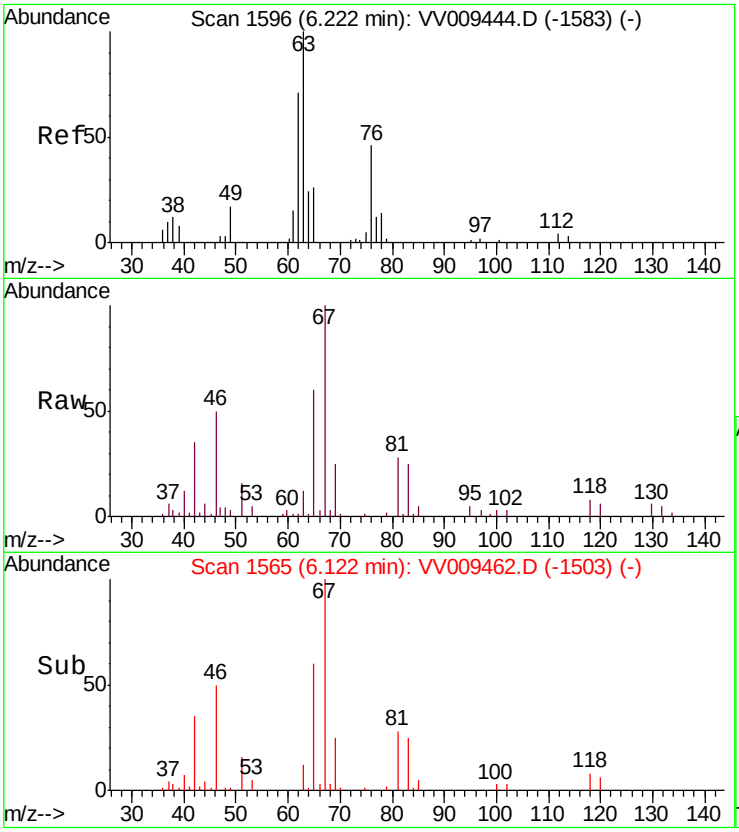


#34
Trichloroethene
Concen: 74.717 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion: 95 Resp: 459930

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.2	82.2
132	92.9	67.8	126.0
130	96.0	70.4	130.8

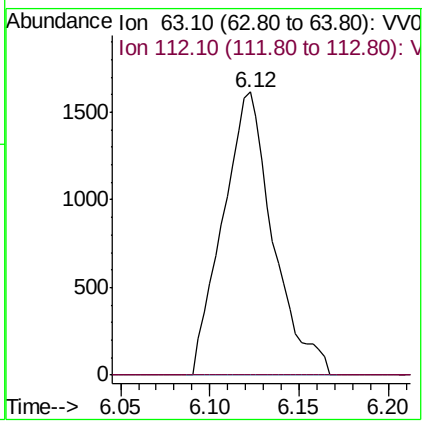


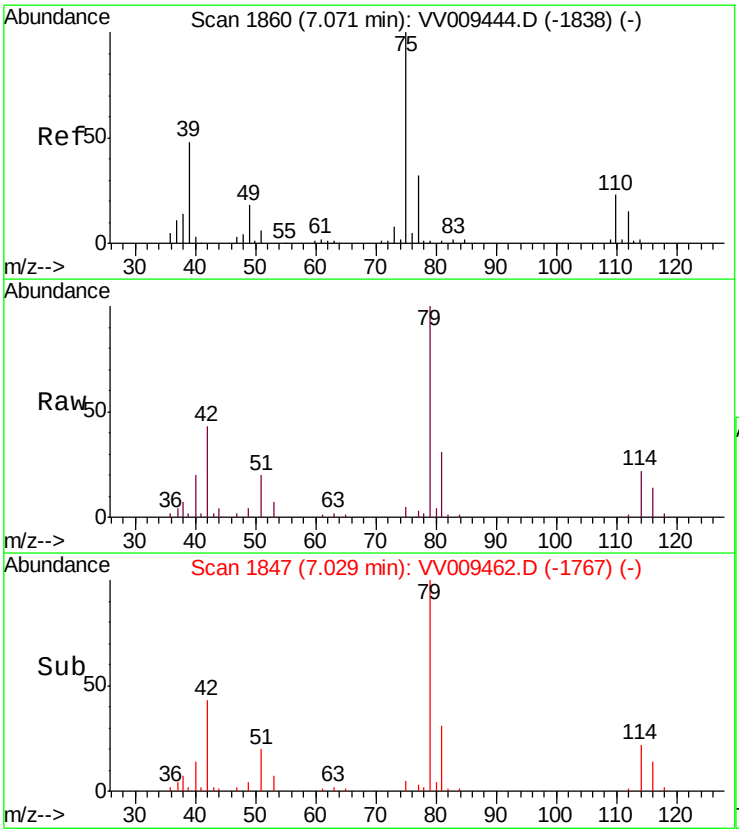


#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion: 63 Resp: 3167

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

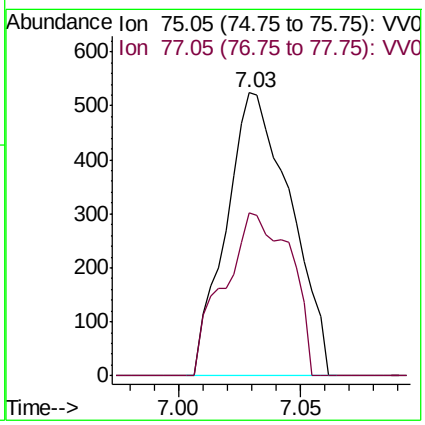


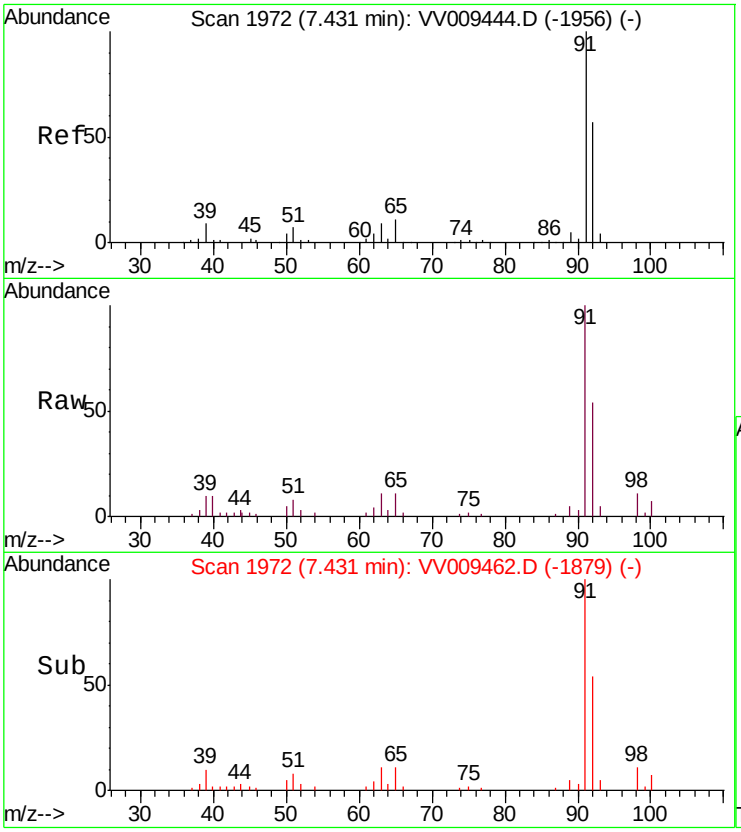


#39
cis-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion: 75 Resp: 960

Ion	Ratio	Lower	Upper
75	100		
77	57.6	21.1	39.1#

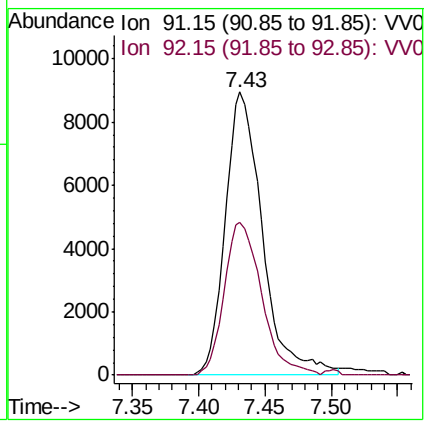


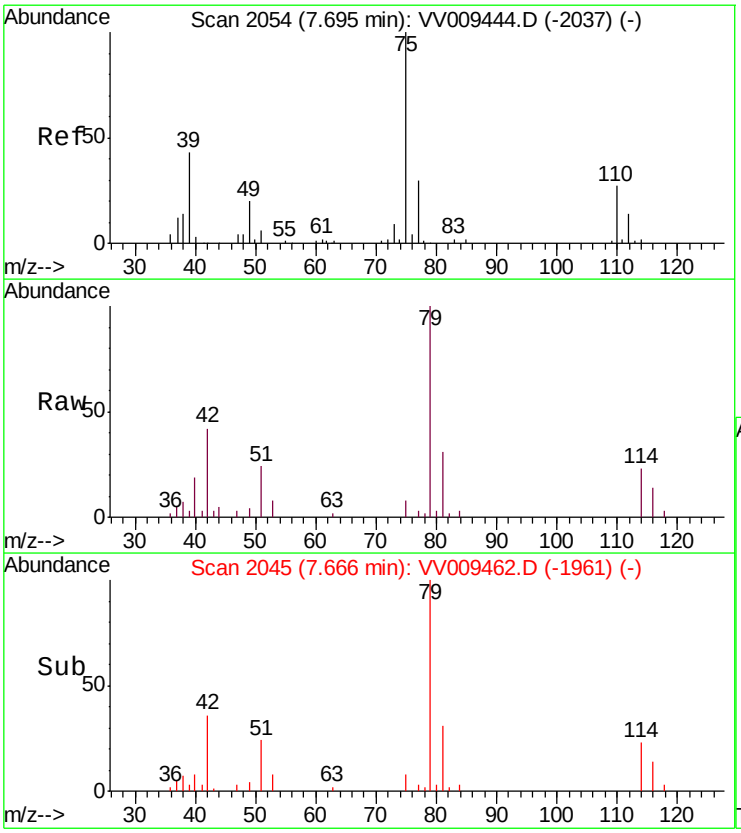


#42
Toluene
Concen: 0.702 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion: 91 Resp: 17430

Ion	Ratio	Lower	Upper
91	100		
92	54.0	39.8	73.8

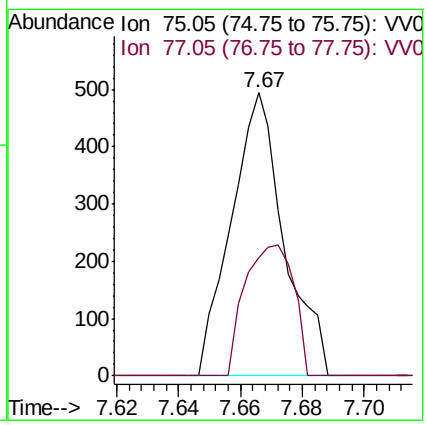


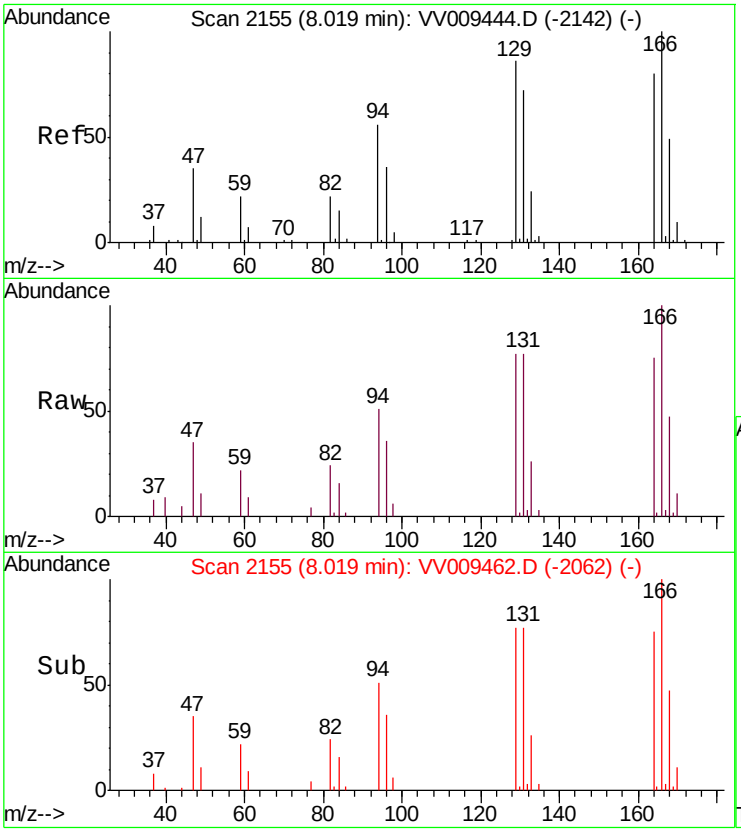


#44
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion: 75 Resp: 589

Ion	Ratio	Lower	Upper
75	100		
77	41.9	22.2	41.2#

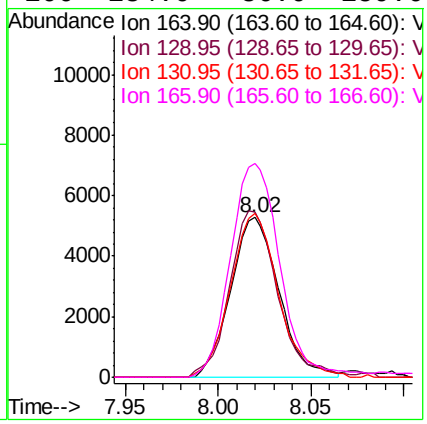


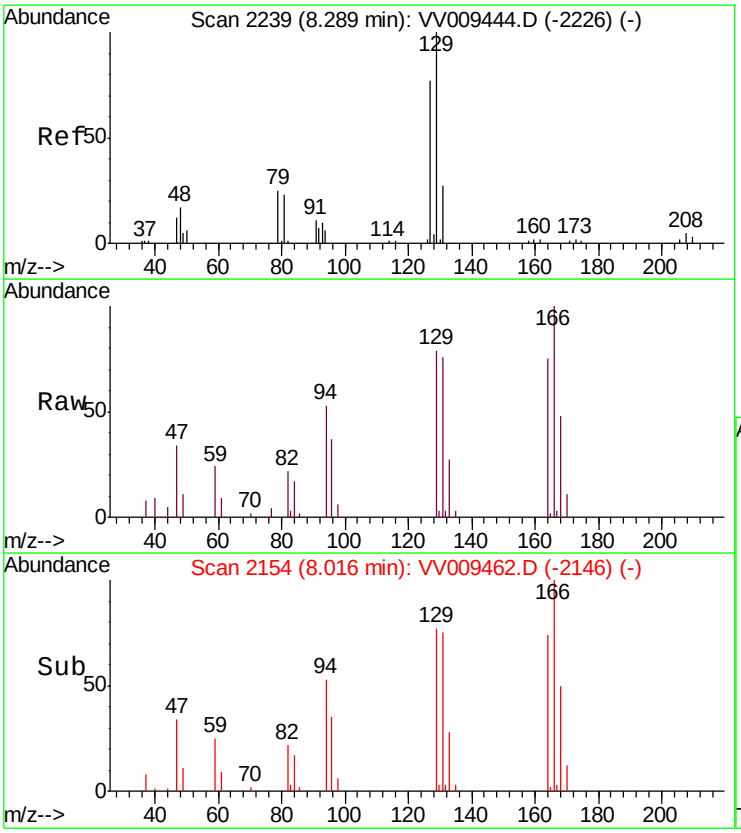


#47
Tetrachloroethene
Concen: 1.982 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion:164 Resp: 9578

Ion	Ratio	Lower	Upper
164	100		
129	103.7	69.3	128.7
131	102.8	64.0	118.8
166	134.0	86.0	159.6

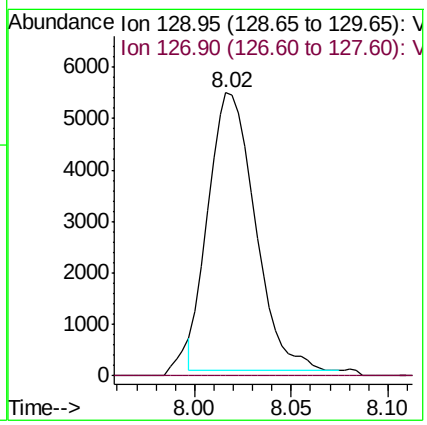


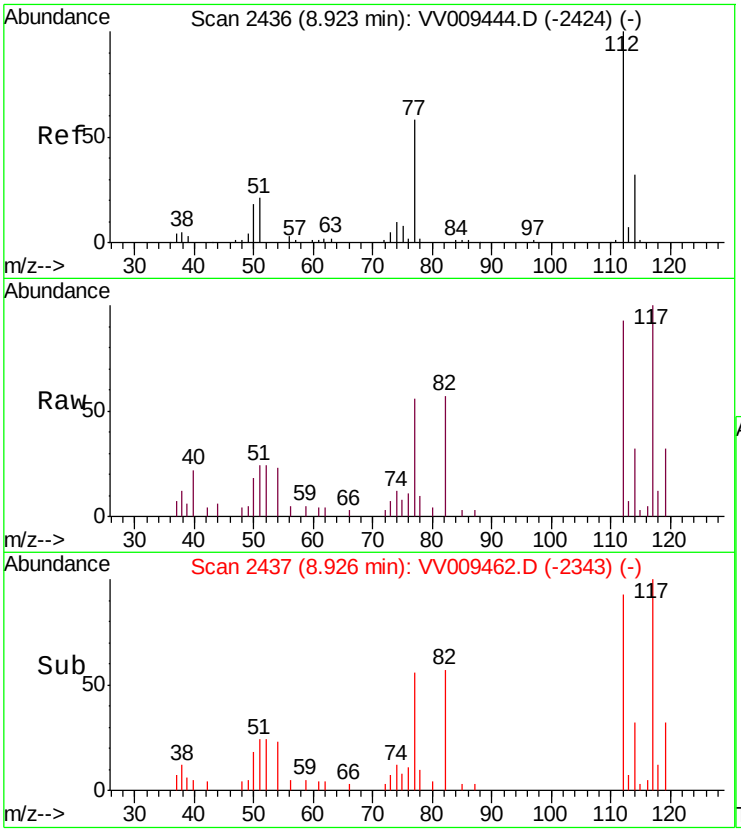


#49
Dibromochloromethane
Concen: 1.832 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion:129 Resp: 9102

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#

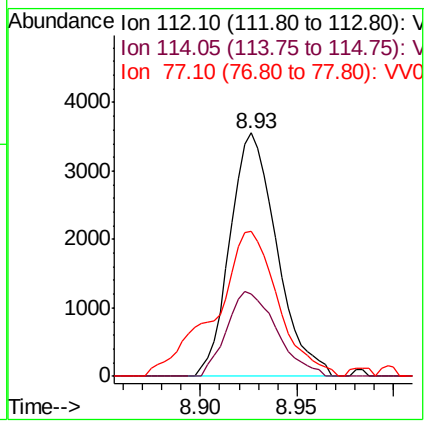


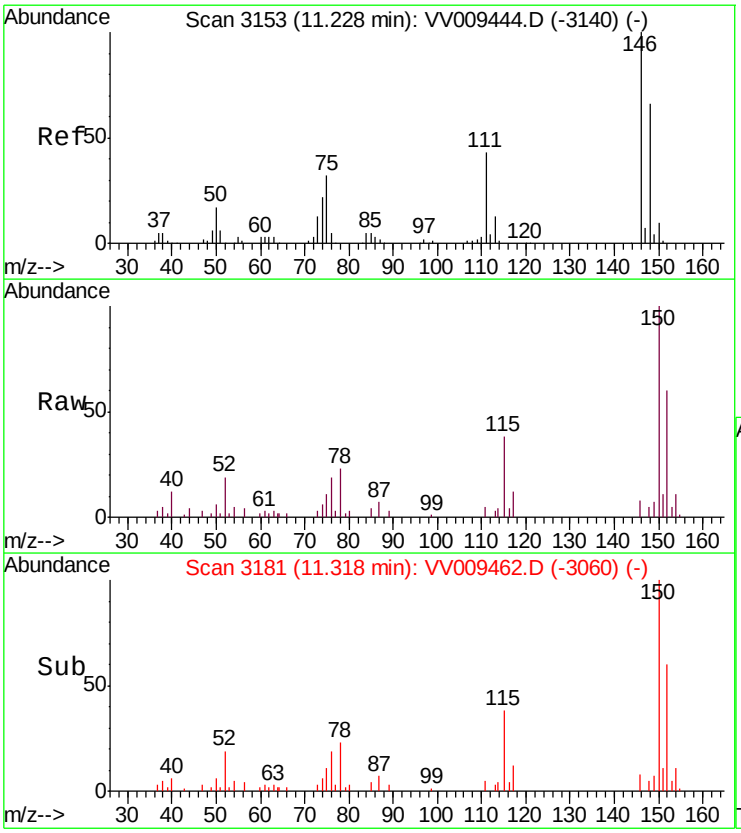


#51
Chlorobenzene
Concen: 0.370 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion:112 Resp: 5988

Ion	Ratio	Lower	Upper
112	100		
114	34.0	23.2	43.2
77	59.5	45.7	68.5

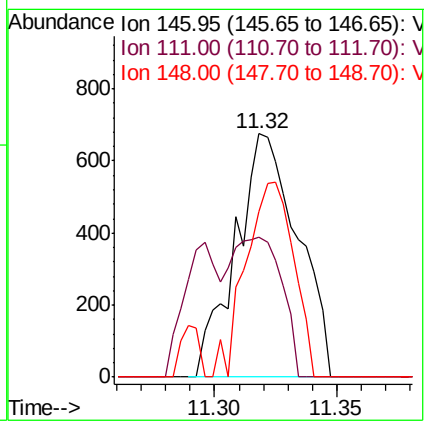


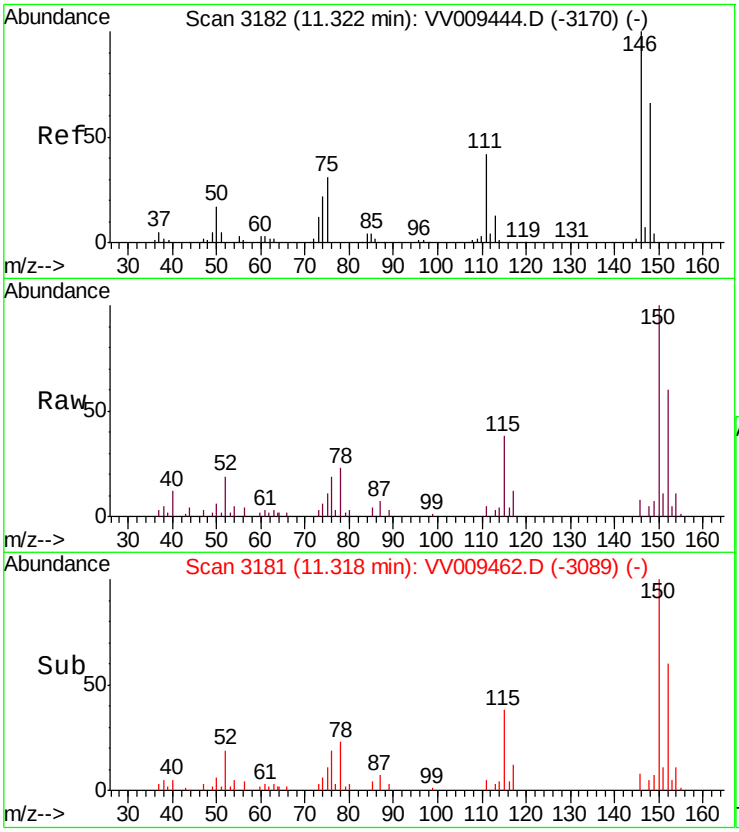


#62
1,3-Dichlorobenzene
Concen: 0.096 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.09 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion:146 Resp: 1190

Ion	Ratio	Lower	Upper
146	100		
111	57.7	27.9	51.9#
148	68.2	42.6	79.2





#63
1,4-Dichlorobenzene
Concen: 0.098 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. -0.00 min
Lab File: VV009462.D
Acq: 01 Mar 2019 18:24

Tgt Ion:146 Resp: 1190

Ion	Ratio	Lower	Upper
146	100		
111	57.7	27.2	50.4#
148	68.2	45.7	84.9