Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
Data File : VW010122.D
Acq On : 24 Apr 2019 22:29
Operator : SY/VA
Sample : K2481-21
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX4

Quant Time: Apr 25 01:40:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 25 01:36:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	14119	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	17127	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	7812	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	1618	11.99	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 47.96%			
7) Chloroethane-d5	2.89	69	2410	21.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.44%			
10) 1,1-Dichloroethene-d2	4.02	63	1956	4.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 19.76%#			
20) 2-Butanone-d5	7.09	46	3863	60.61	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.22%			
24) Chloroform-d	7.64	84	10028	26.68	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.72%			
26) 1,2-Dichloroethane-d4	8.30	65	8450	38.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 153.76%#			
29) Benzene-d6	8.27	84	9631	9.93	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 39.72%			
33) 1,2-Dichloropropane-d6	9.27	67	7222	23.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.52%			
37) Toluene-d8	10.32	98	13681	15.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 62.12%			
38) trans-1,3-Dichloropropene-	10.58	79	2534	18.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 72.76%			
39) 2-Hexanone-d5	10.98	63	63	0.99	ug/L	0.05
Spiked Amount 50.000	Range 20 - 135		Recovery = 1.98%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	7701	30.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 122.72%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	7266	25.12	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.48%			
Target Compounds						Qvalue
3) Chloromethane	2.23	50	210	1.413	ug/L	92
5) Vinyl chloride	2.38	62	139	0.828	ug/L #	1
6) Bromomethane	2.52	94	74	0.723	ug/L	47
13) Acetone	4.14	43	522	10.853	ug/L	63
15) Methyl Acetate	4.65	43	376	3.304	ug/L #	1
16) Methylene chloride	4.92	84	1229	6.210	ug/L #	49
21) 2-Butanone	7.16	43	103	1.381	ug/L #	51
35) Trichloroethene	8.84	95	491	1.787	ug/L #	5
36) Methylcyclohexane	9.27	83	1505	3.269	ug/L #	19
40) 1,2-Dichloropropane	9.27	63	878	3.266	ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	234	0.560	ug/L #	43
58) 1,1,2,2-Tetrachloroethane	12.72	83	226	0.915	ug/L #	43
59) 1,2,3-Trichloropropane	13.57	75	1105	5.910	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.52	75	3926	91.871	ug/L #	6
68) 1,2,4-trichlorobenzene	15.14	180	158	0.533	ug/L #	51
69) Naphthalene	15.37	128	39019	53.277	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
Data File : VW010122.D
Acq On : 24 Apr 2019 22:29
Operator : SY/VA
Sample : K2481-21
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX4

Quant Time: Apr 25 01:40:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 25 01:36:45 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_W\DATA\VW042419\
Data File : VW010122.D
Acq On : 24 Apr 2019 22:29
Operator : SY/VA
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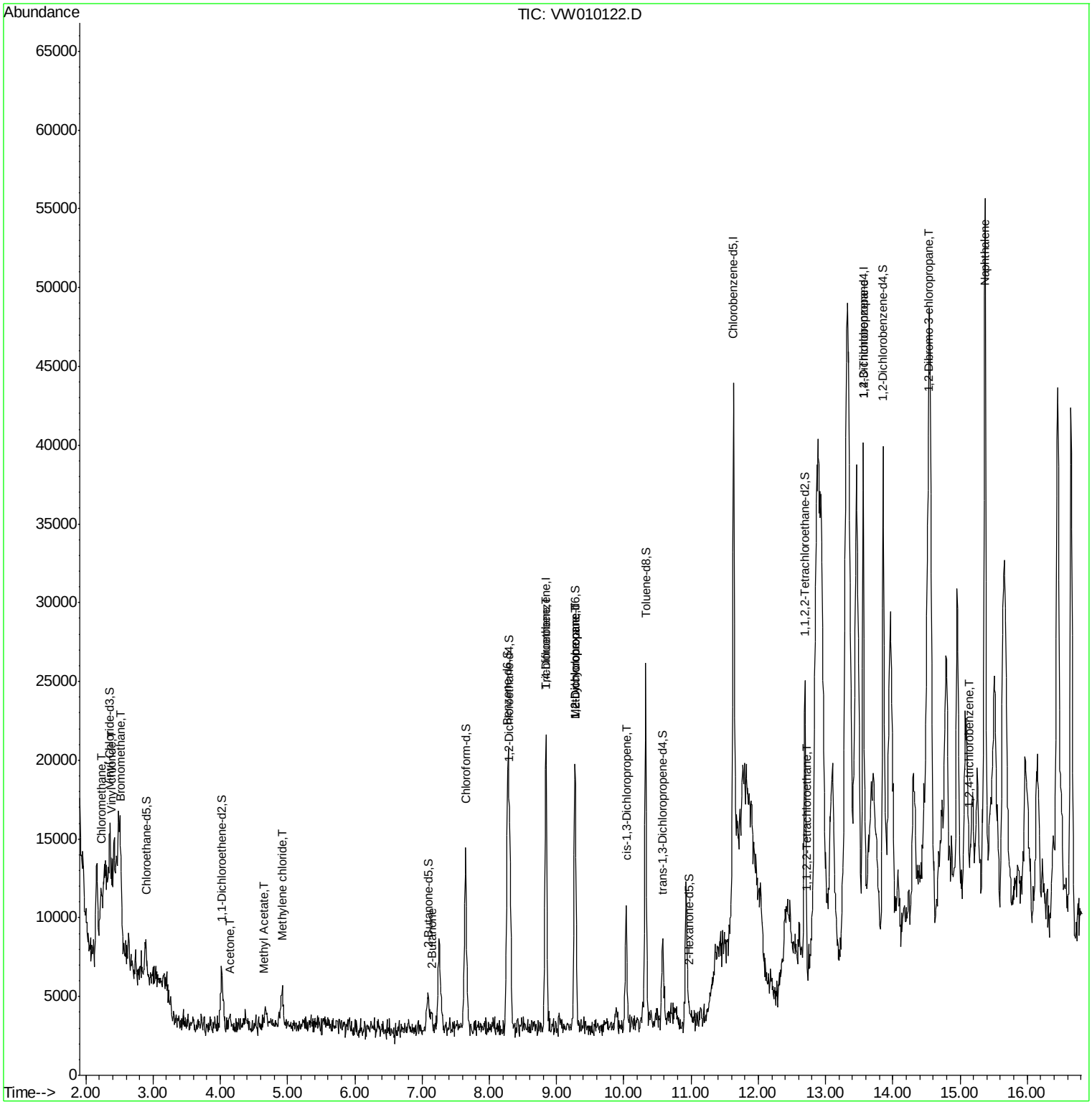
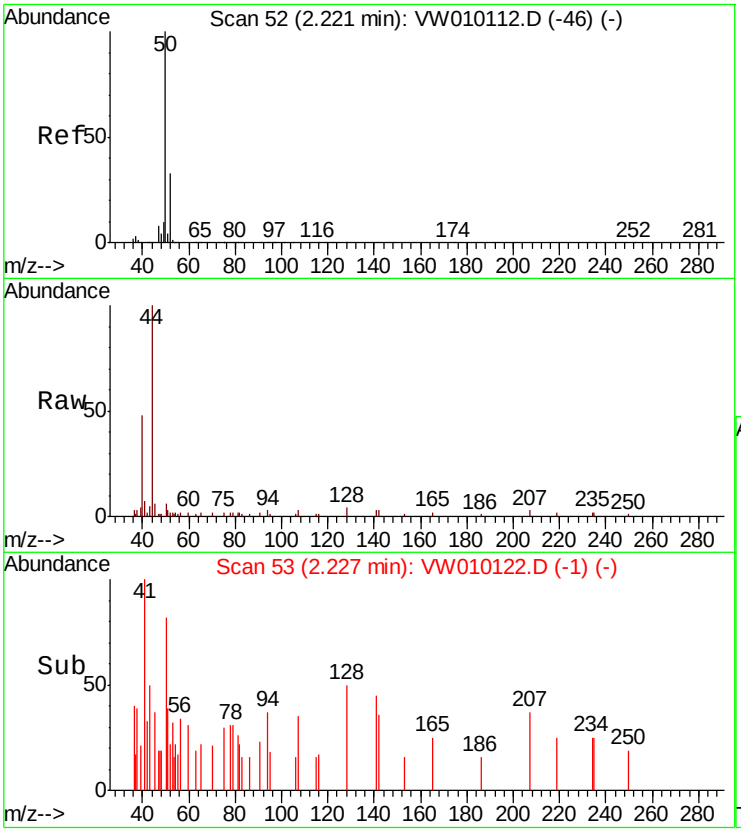
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 25 01:36:45 2019
Response via : Initial Calibration



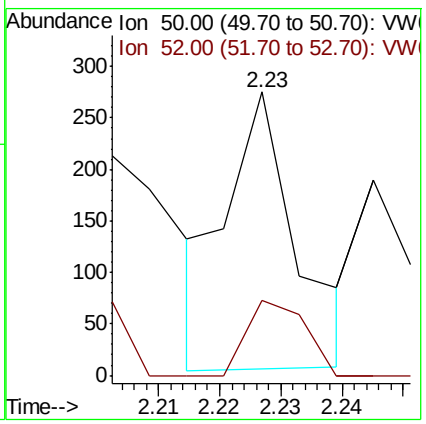


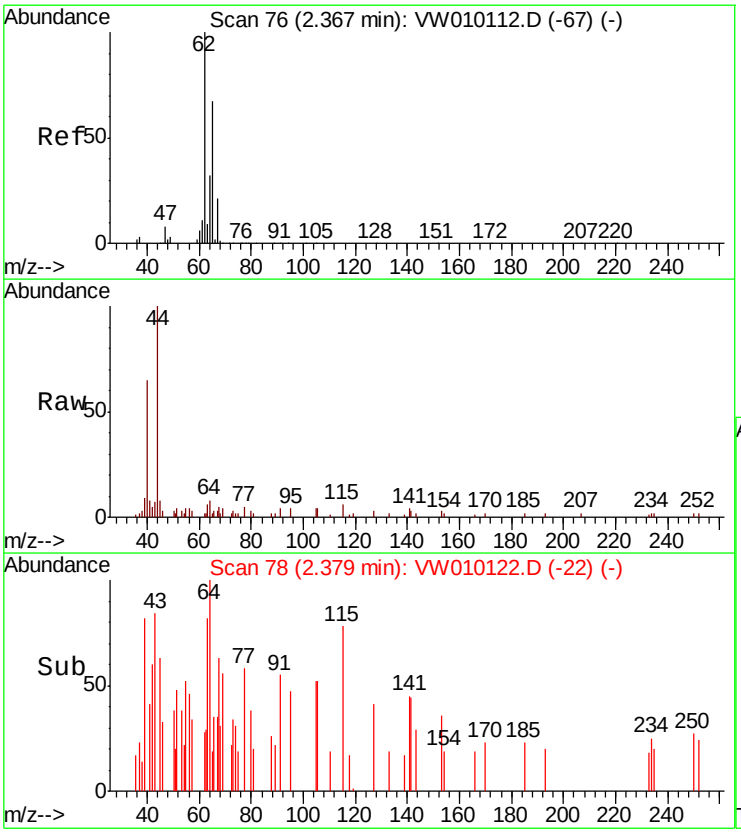
#3
Chloromethane
Concen: 1.413 ug/L
RT: 2.23 min Scan# 53
Delta R.T. 0.01 min
Lab File: VW010122.D
Acq: 24 Apr 2019 22:29

Instrument :
MSVOA_W
ClientSampleId :
GAHX4

Tgt Ion: 50 Resp: 210

Ion	Ratio	Lower	Upper
50	100		
52	26.5	21.5	39.9

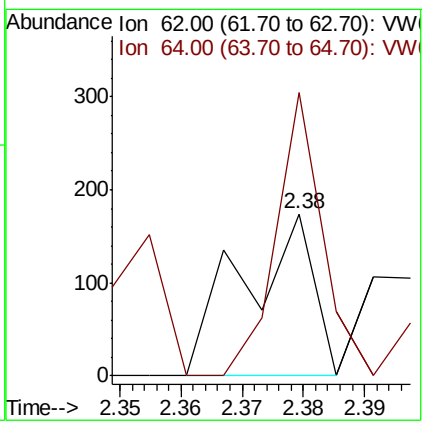


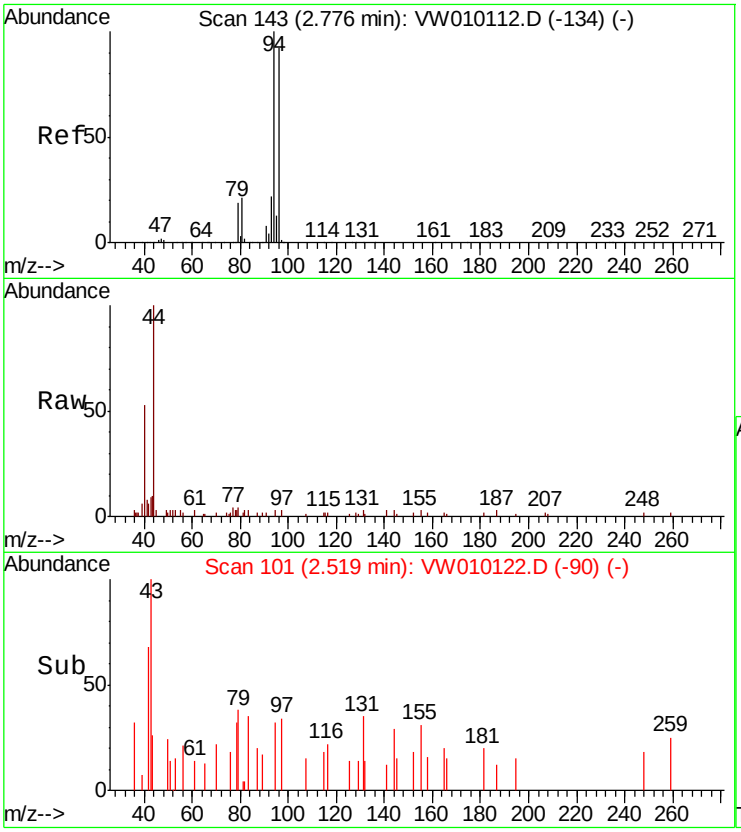


#5
Vinyl chloride
Concen: 0.828 ug/L
RT: 2.38 min Scan# 78
Delta R.T. 0.01 min
Lab File: VW010122.D
Acq: 24 Apr 2019 22:29

Tgt Ion: 62 Resp: 139

Ion	Ratio	Lower	Upper
62	100		
64	174.7	23.7	43.9#



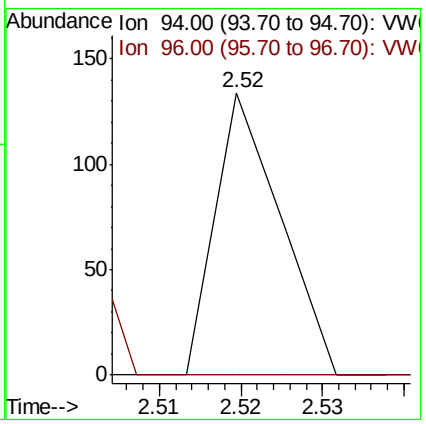


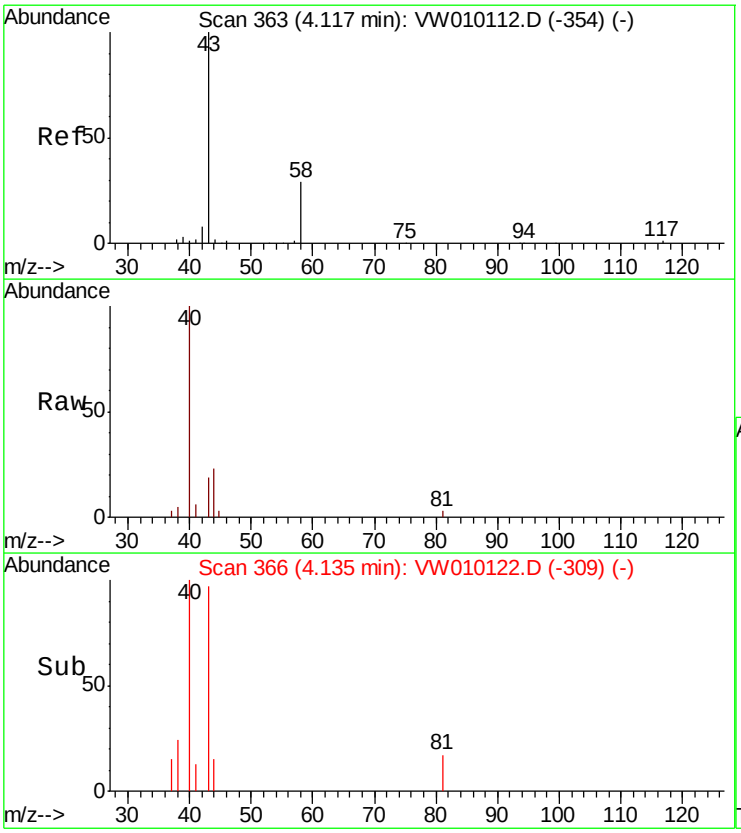
#6
Bromomethane
Concen: 0.723 ug/L
RT: 2.52 min Scan# 101
Delta R.T. -0.26 min
Lab File: VW010122.D
Acq: 24 Apr 2019 22:29

Instrument :
MSVOA_W
ClientSampleId :
GAHX4

Tgt Ion: 94 Resp: 74

Ion	Ratio	Lower	Upper
94	100		
96	145.9	9.5	180.3

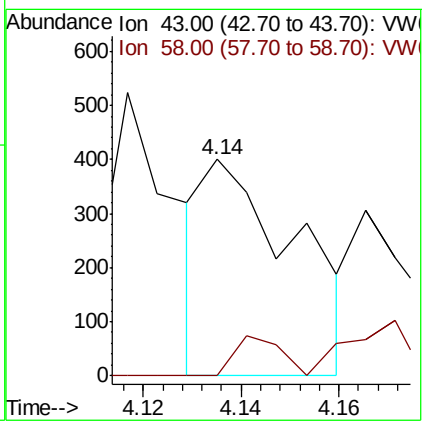


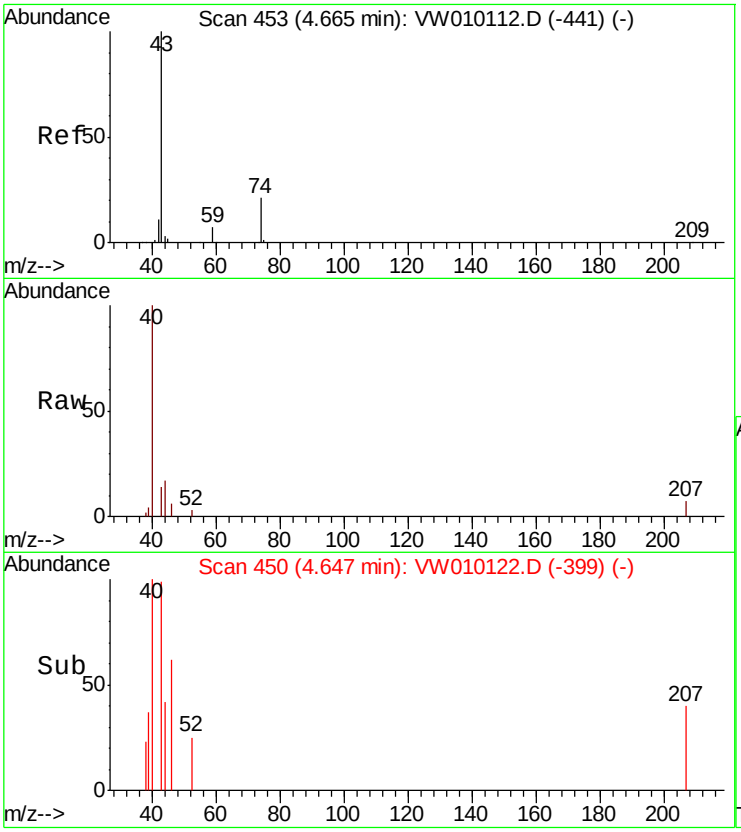


#13
Acetone
Concen: 10.853 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW010122.D
Acq: 24 Apr 2019 22:29

Tgt Ion: 43 Resp: 522

Ion	Ratio	Lower	Upper
43	100		
58	9.4	0.0	58.2



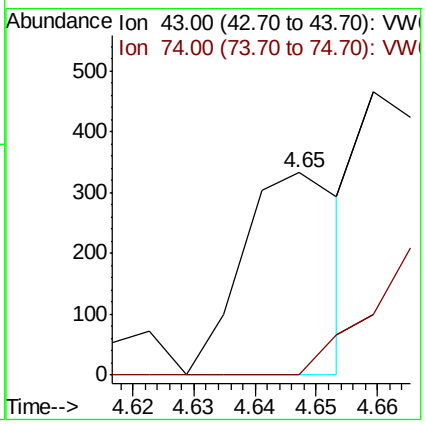


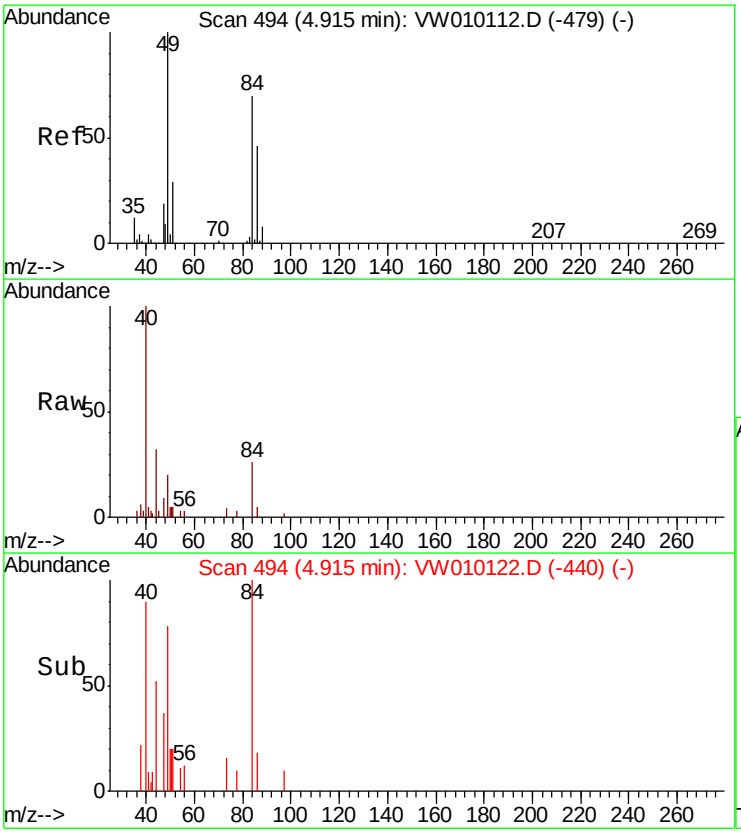
#15
Methyl Acetate
Concen: 3.304 ug/L
RT: 4.65 min Scan# 450
Delta R.T. -0.02 min
Lab File: VW010122.D
Acq: 24 Apr 2019 22:29

Instrument : MSVOA_W
ClientSampleId : GAHX4

Tgt Ion: 43 Resp: 376

Ion	Ratio	Lower	Upper
43	100		
74	80.6	16.9	25.3#

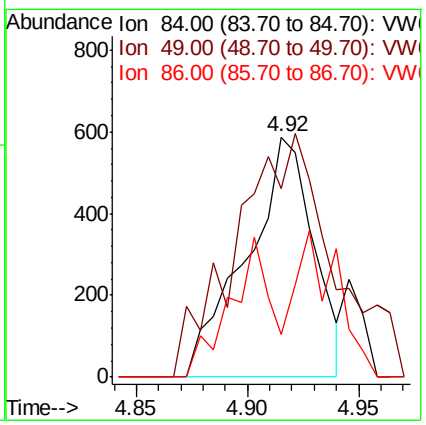


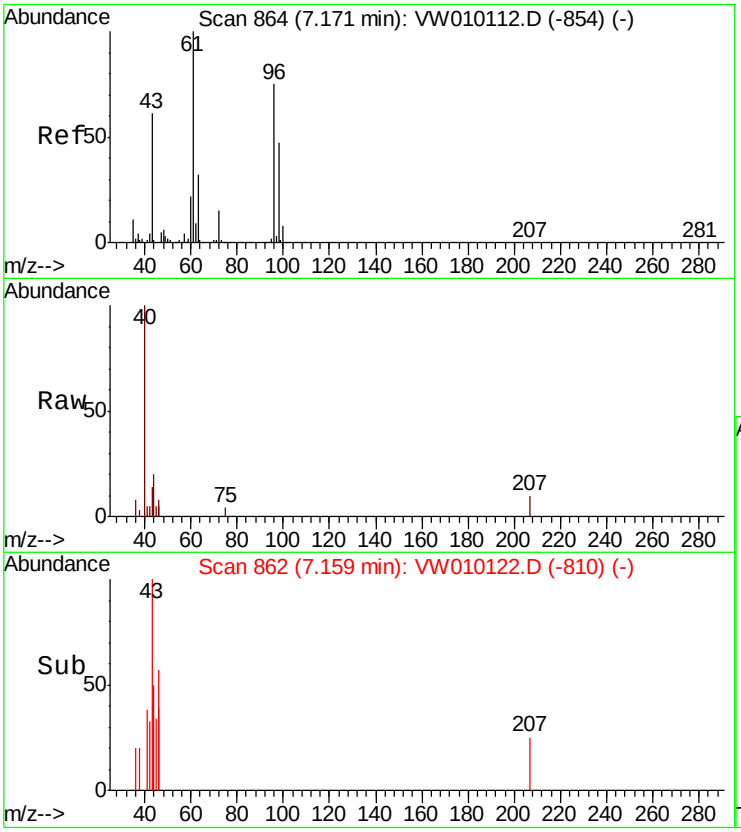


#16
Methylene chloride
Concen: 6.210 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010122.D
Acq: 24 Apr 2019 22:29

Tgt Ion: 84 Resp: 1229

Ion	Ratio	Lower	Upper
84	100		
49	78.4	93.5	173.7#
86	17.5	44.9	83.5#



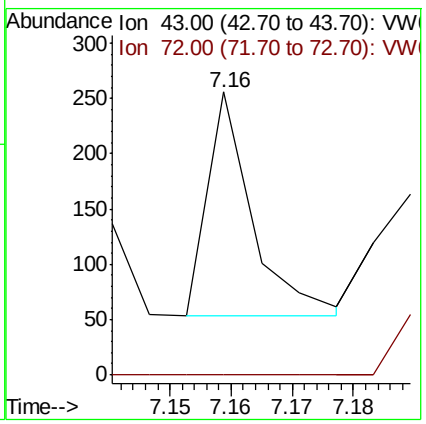


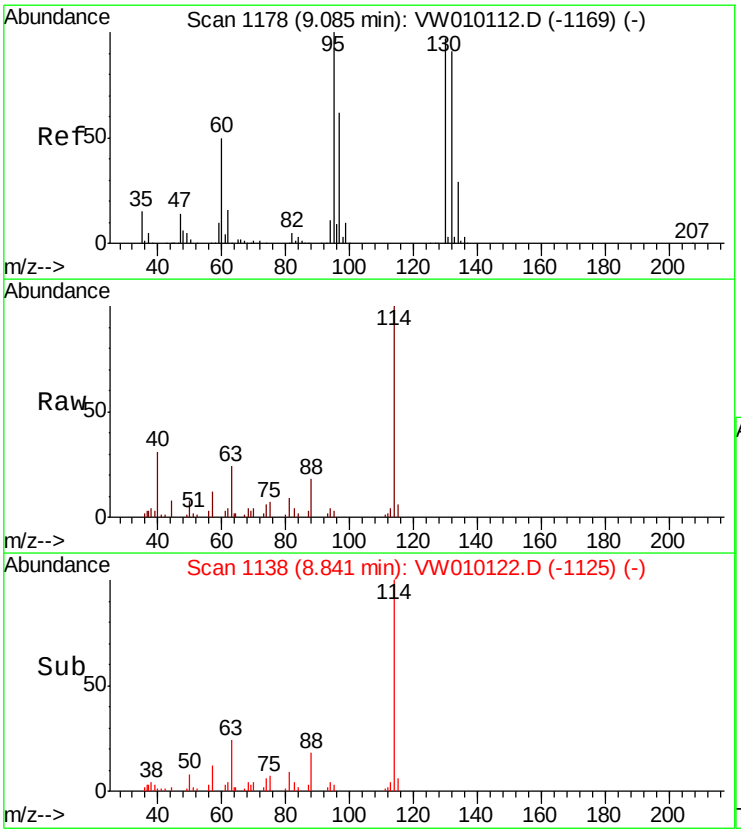
#21
2-Butanone
Concen: 1.381 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW010122.D
Acq: 24 Apr 2019 22:29

Instrument : MSVOA_W
ClientSampleId : GAHX4

Tgt Ion: 43 Resp: 103

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.3	36.8#

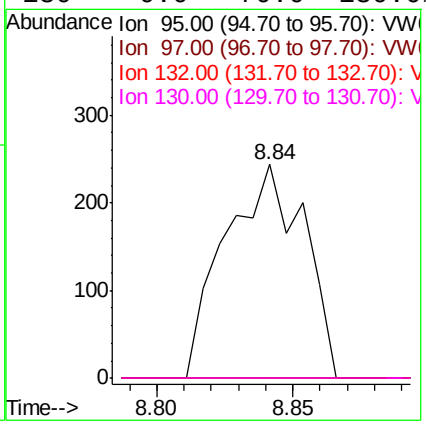


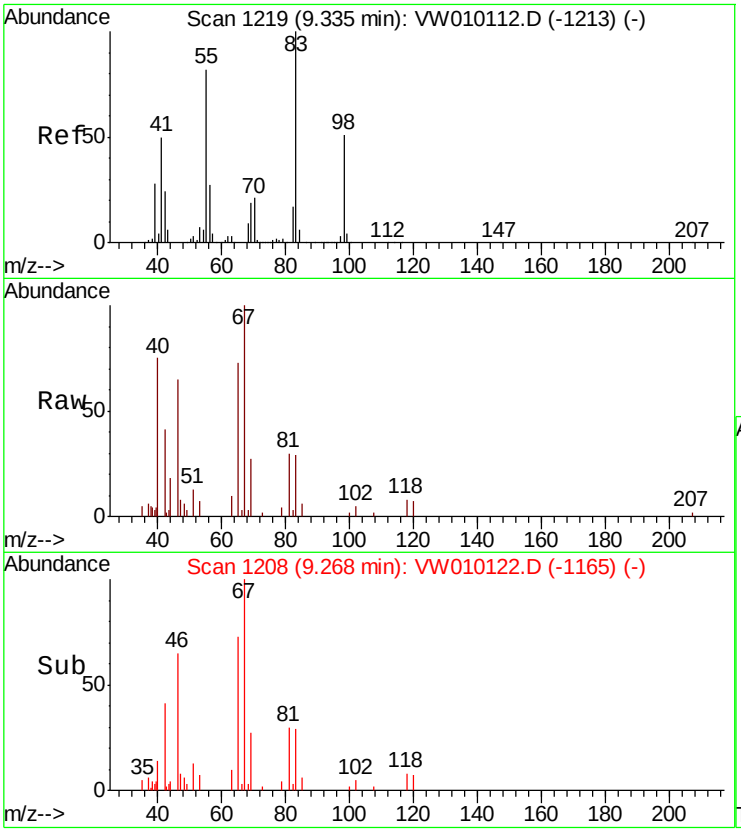


#35
Trichloroethene
Concen: 1.787 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW010122.D
Acq: 24 Apr 2019 22:29

Tgt Ion: 95 Resp: 491

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.1	83.9#
132	0.0	67.2	124.8#
130	0.0	70.0	130.0#



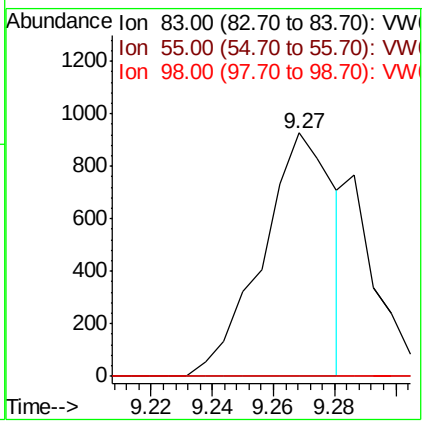


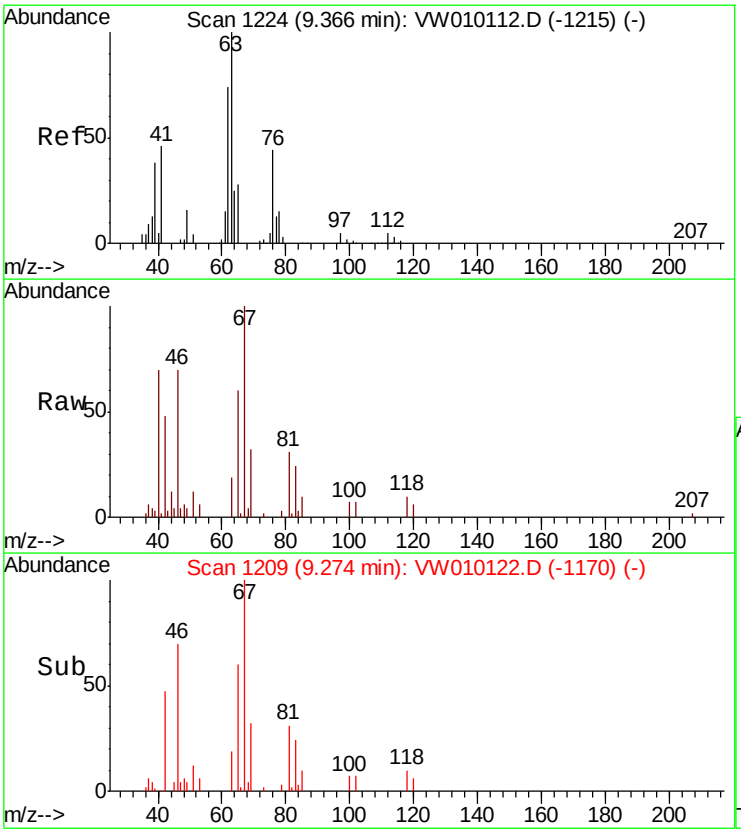
#36
Methylcyclohexane
Concen: 3.269 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.07 min
Lab File: VW010122.D
Acq: 24 Apr 2019 22:29

Instrument :
MSVOA_W
ClientSampleId :
GAHX4

Tgt Ion: 83 Resp: 1505

Ion	Ratio	Lower	Upper
83	100		
55	5.6	66.6	100.0#
98	0.0	39.1	58.7#

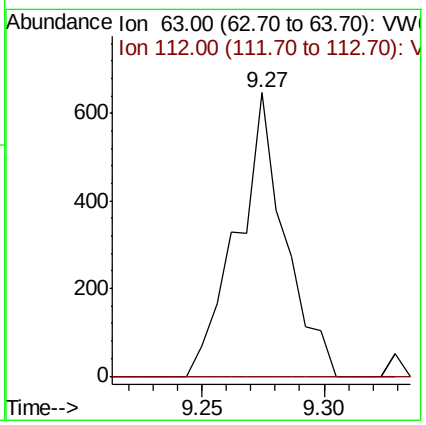


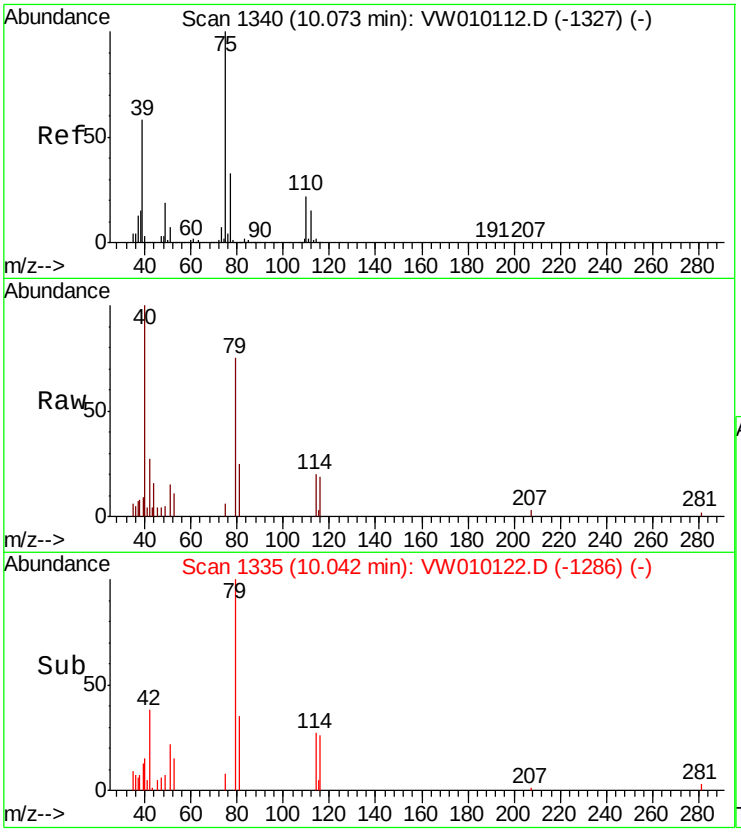


#40
1,2-Dichloropropane
Concen: 3.266 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW010122.D
Acq: 24 Apr 2019 22:29

Tgt Ion: 63 Resp: 878

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



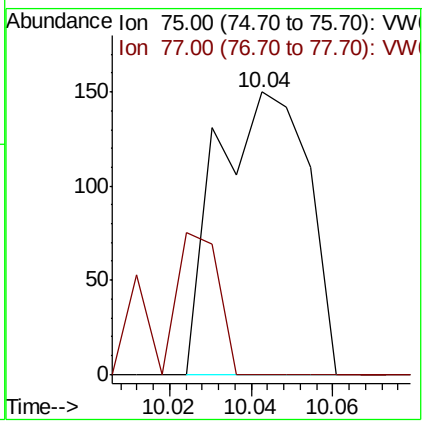


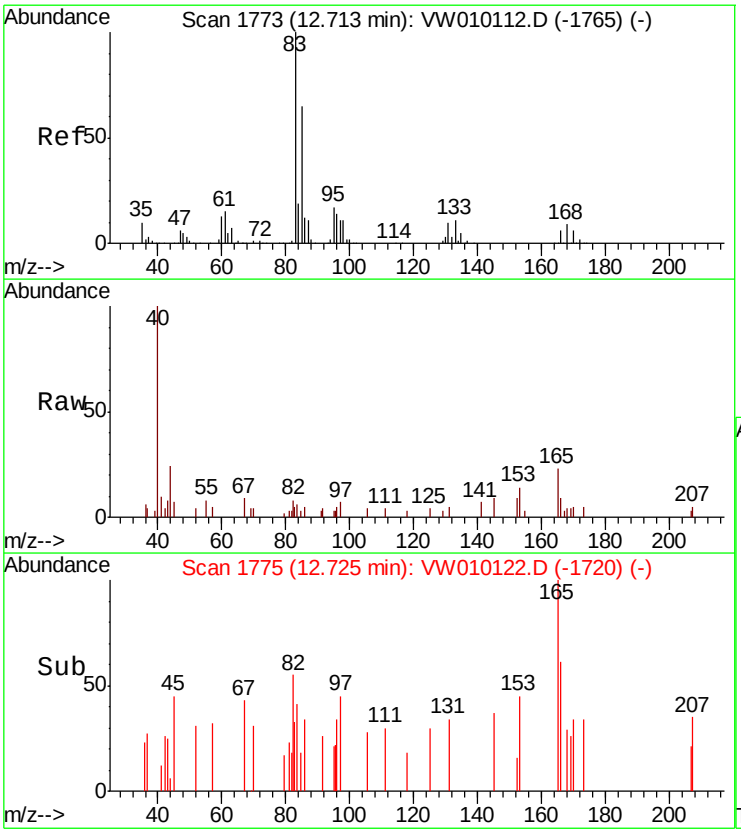
#42
cis-1,3-Dichloropropene
Concen: 0.560 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW010122.D
Acq: 24 Apr 2019 22:29

Instrument : MSVOA_W
ClientSampleId : GAHX4

Tgt Ion: 75 Resp: 234

Ion	Ratio	Lower	Upper
75	100		
77	0.0	22.5	41.7#

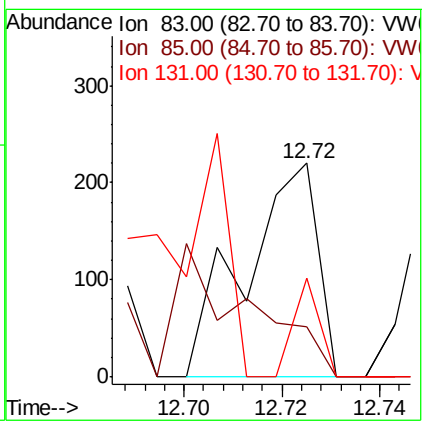


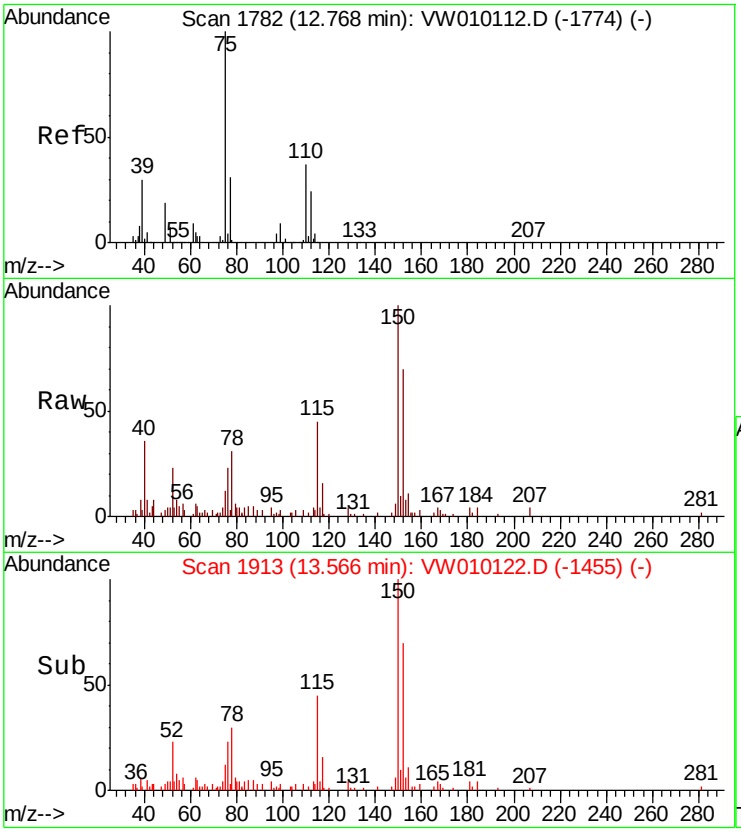


#58
1,1,2,2-Tetrachloroethane
Concen: 0.915 ug/L
RT: 12.72 min Scan# 1775
Delta R.T. 0.01 min
Lab File: VW010122.D
Acq: 24 Apr 2019 22:29

Tgt Ion: 83 Resp: 226

Ion	Ratio	Lower	Upper
83	100		
85	23.6	44.2	82.2#
131	45.9	7.8	11.8#



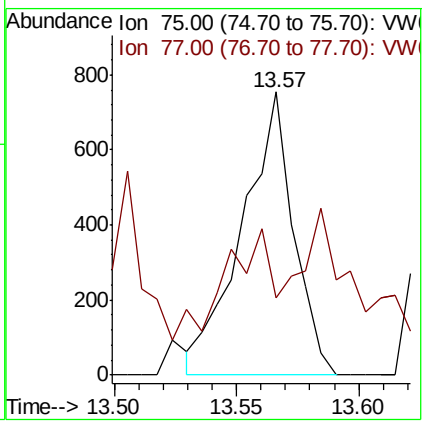


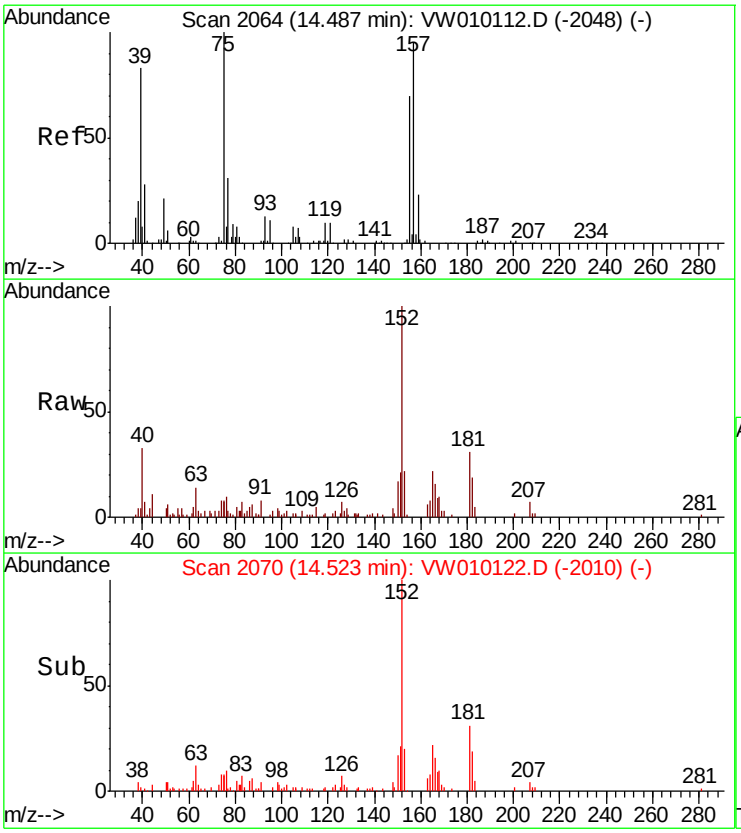
#59
1,2,3-Trichloropropane
Concen: 5.910 ug/L
RT: 13.57 min Scan# 1913
Delta R.T. 0.79 min
Lab File: VW010122.D
Acq: 24 Apr 2019 22:29

Instrument :
MSVOA_W
ClientSampleId :
GAHX4

Tgt Ion: 75 Resp: 1105

Ion	Ratio	Lower	Upper
75	100		
77	29.3	26.1	39.1

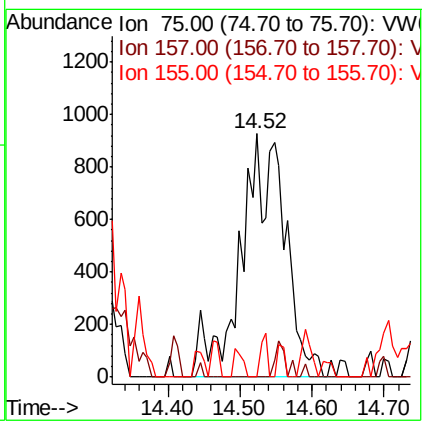


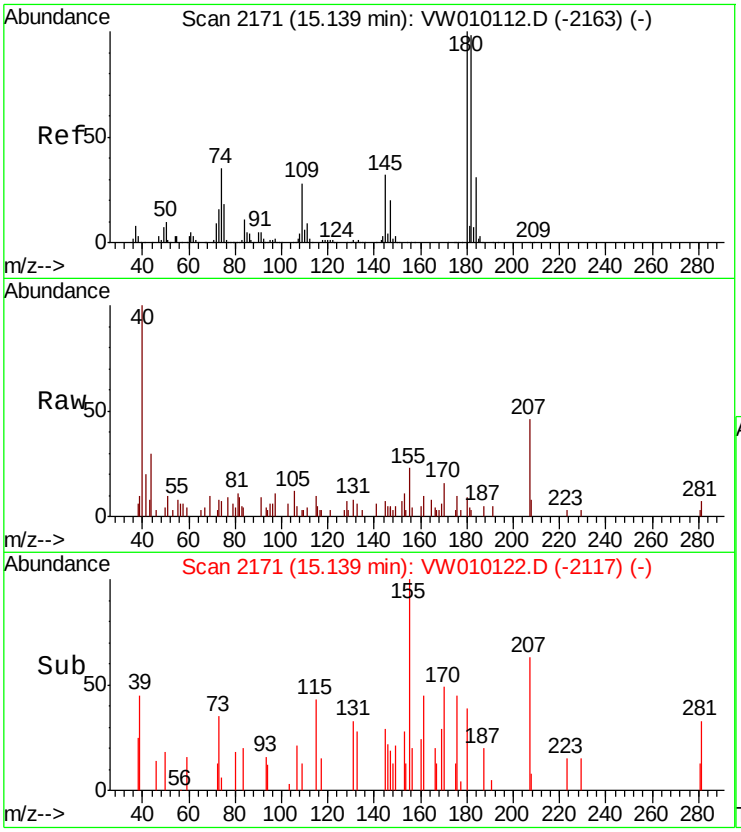


#66
1,2-Dibromo-3-chloropropane
Concen: 91.871 ug/L
RT: 14.52 min Scan# 2070
Delta R.T. 0.04 min
Lab File: VW010122.D
Acq: 24 Apr 2019 22:29

Tgt Ion: 75 Resp: 3926

Ion	Ratio	Lower	Upper
75	100		
157	0.0	78.4	117.6#
155	0.0	60.2	90.2#



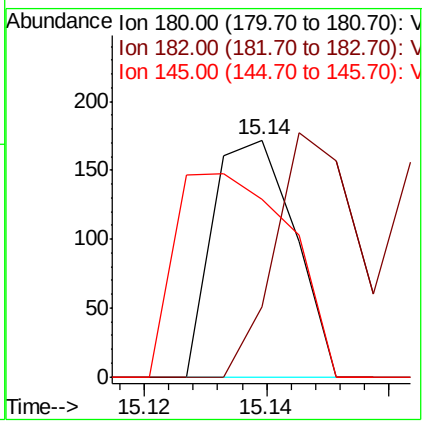


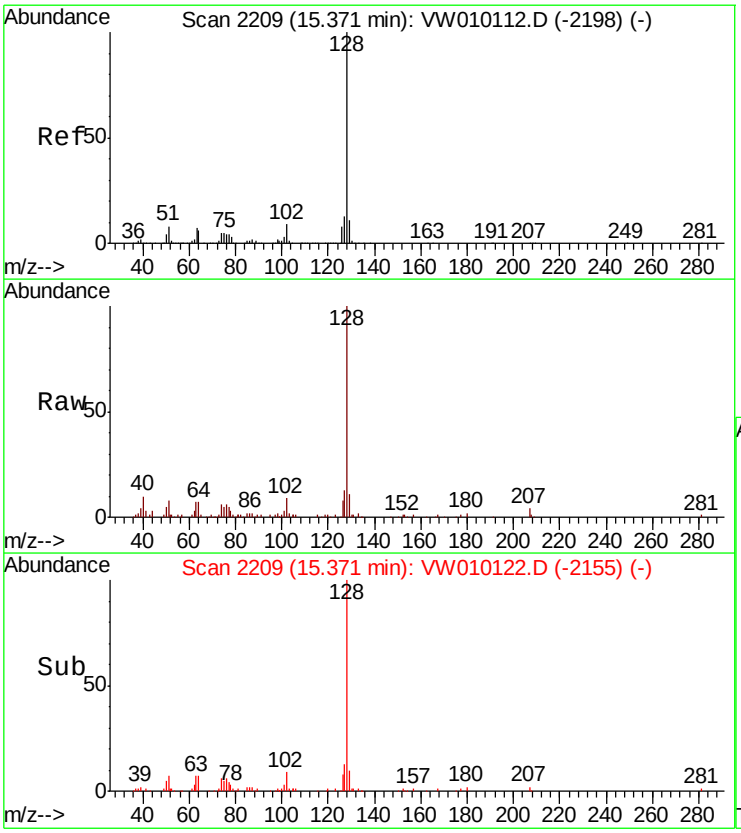
#68
1,2,4-trichlorobenzene
Concen: 0.533 ug/L
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW010122.D
Acq: 24 Apr 2019 22:29

Instrument :
MSVOA_W
ClientSampleId :
GAHX4

Tgt Ion:180 Resp: 158

Ion	Ratio	Lower	Upper
180	100		
182	103.2	75.0	112.4
145	122.2	24.4	36.6#





#69
Naphthalene
Concen: 53.277 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010122.D
Acq: 24 Apr 2019 22:29

Tgt Ion:128 Resp: 39019

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.9	10.8	16.2