Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011019\
Data File : VW008186.D
Acq On : 11 Jan 2019 09:33
Operator : SY/AP
Sample : K1102-05
Misc : 5.06G/5ML/MSVOA_W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : CPSB-13(10-15)

Quant Time: Jan 11 11:18:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	95060	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	169549	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	149258	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65977	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	57525	53.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.68%				
35) Dibromofluoromethane	7.88	113	54085	54.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.38%				
50) Toluene-d8	10.32	98	212455	51.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.40%				
62) 4-Bromofluorobenzene	12.62	95	75072	50.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.92%				
Target Compounds							Qvalue
11) Tert butyl alcohol	5.23	59	259	Below Cal		#	100
13) Acrolein	3.88	56	213	1.507	ug/l	#	14
16) Acetone	4.14	43	7671	20.531	ug/l		91
17) Carbon Disulfide	4.38	76	12047	3.704	ug/l		100
25) 2-Butanone	7.18	43	3575	12.026	ug/l		95
29) Tetrahydrofuran	7.54	42	345	1.737	ug/l	#	53
31) Cyclohexane	7.95	56	2636	1.172	ug/l	#	1
36) 1,1-Dichloropropene	7.95	75	7844	4.491	ug/l	#	53
38) Carbon Tetrachloride	7.95	117	10114	6.327	ug/l	#	16
39) Methylcyclohexane	9.33	83	3140	1.418	ug/l	#	91
49) 1,4-Dioxane	9.46	88	25	2.695	ug/l	#	46
55) 1,1,2-Trichloroethane	10.76	97	4944	6.105	ug/l	#	28
56) Ethyl methacrylate	10.67	69	2533	2.525	ug/l	#	1
59) 2-Hexanone	10.93	43	11570	25.265	ug/l	#	30
74) N-amyl acetate	12.26	43	18201	15.867	ug/l	#	44
75) 1,1,2,2-Tetrachloroethane	12.69	83	9954	12.006	ug/l	#	67
76) 1,2,3-Trichloropropane	12.62	75	33872	56.317	ug/l	#	1
81) trans-1,4-Dichloro-2-buten	12.62	75	33872	131.145	ug/l	#	15
83) tert-Butylbenzene	13.21	119	5234	1.390	ug/l		72
85) sec-Butylbenzene	13.39	105	32244	5.845	ug/l	#	49
86) p-Isopropyltoluene	13.66	119	14878	3.123	ug/l		92
89) n-Butylbenzene	13.83	91	13426	2.878	ug/l		95
91) 1,2-Dichlorobenzene	13.87	146	3031	1.553	ug/l	#	1
92) 1,2-Dibromo-3-Chloropropan	14.52	75	497	3.725	ug/l	#	18
95) Naphthalene	15.33	128	2961	1.224	ug/l	#	1
96) 1,2,3-Trichlorobenzene	15.58	180	3006	2.722	ug/l	#	24

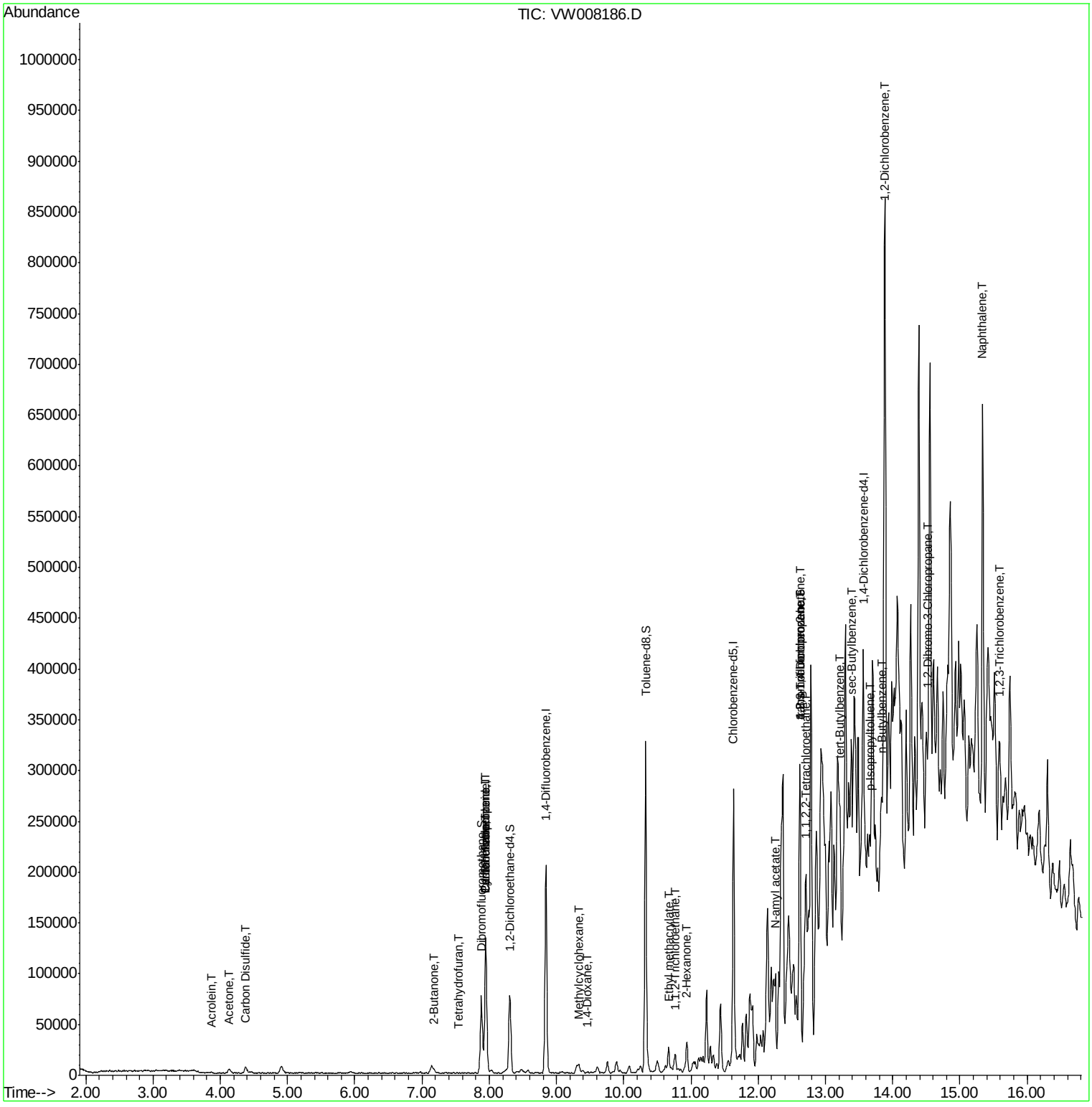
(#) = qualifier out of range (m) = manual integration (+) = signals summed

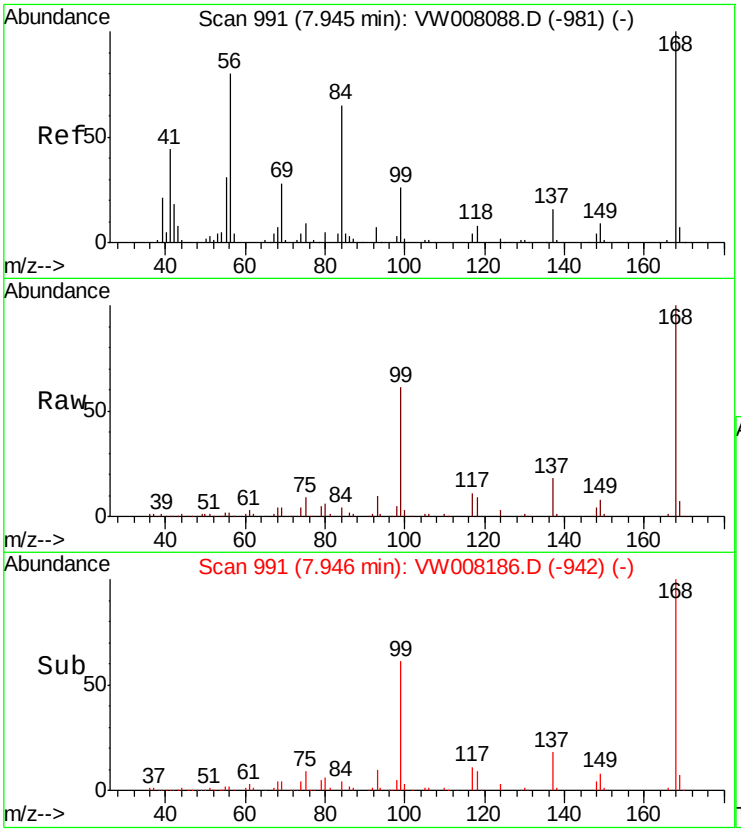
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011019\
Data File : VW008186.D
Acq On : 11 Jan 2019 09:33
Operator : SY/AP
Sample : K1102-05
Misc : 5.06G/5ML/MSVOA_W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-13(10-15)

Quant Time: Jan 11 11:18:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration



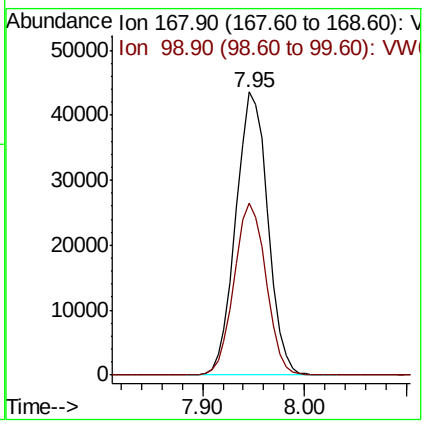


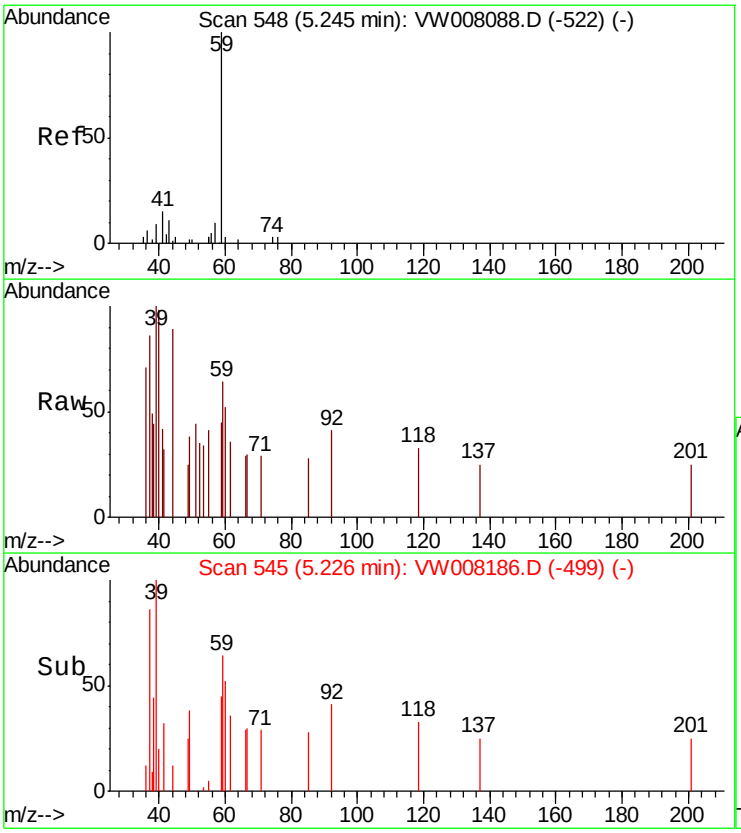
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument :
MSVOA_W
ClientSampleId :
CPSB-13(10-15)

Tgt Ion:168 Resp: 95060

Ion	Ratio	Lower	Upper
168	100		
99	60.6	52.6	78.8

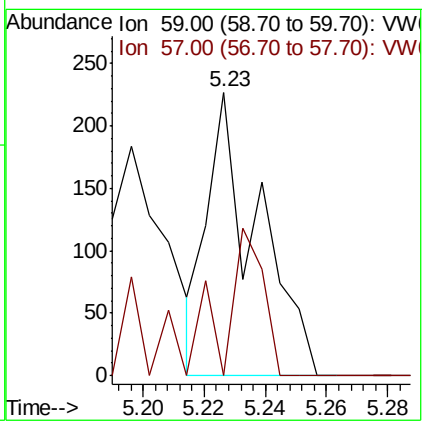


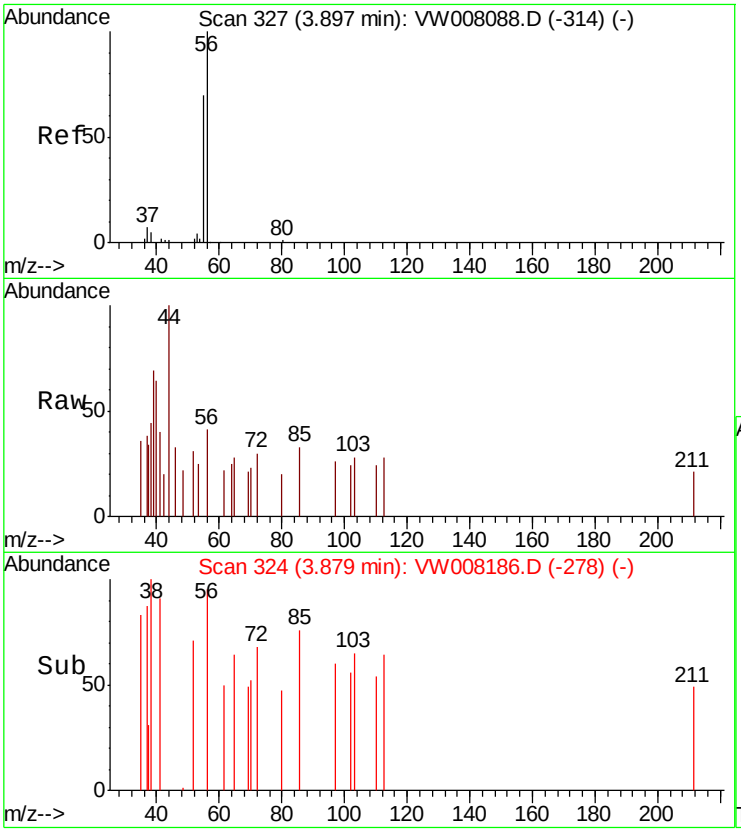


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 545
Delta R.T. -0.02 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion: 59 Resp: 259

Ion	Ratio	Lower	Upper
59	100		
57	39.4	0.0	0.0#



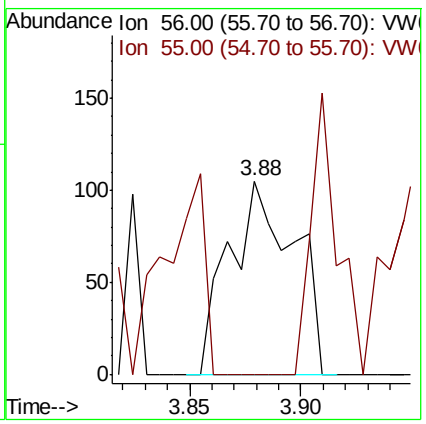


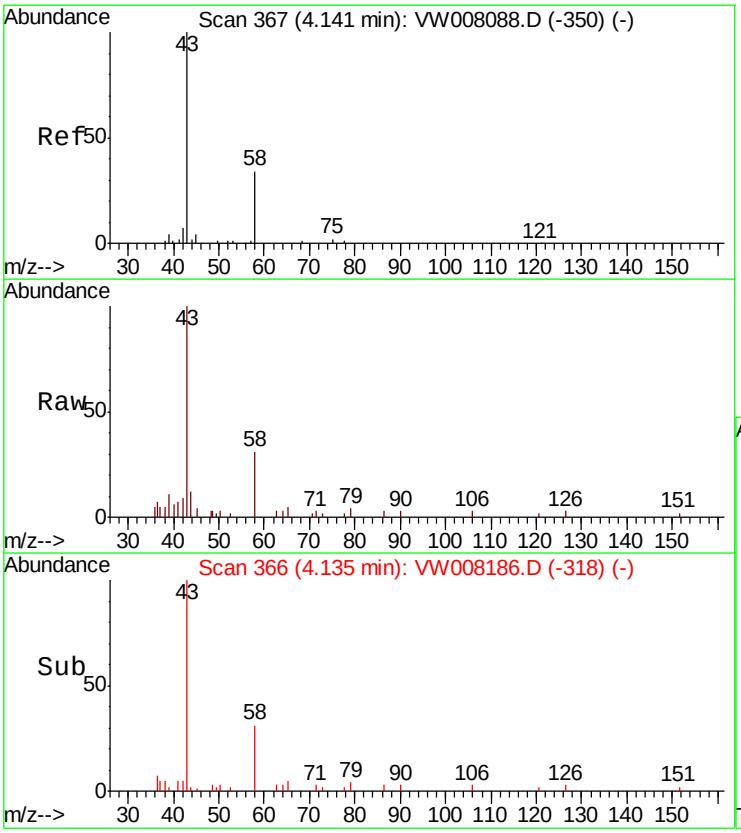
#13
Acrolein
Concen: 1.507 ug/l
RT: 3.88 min Scan# 324
Delta R.T. -0.02 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument : MSVOA_W
ClientSampleId : CPSB-13(10-15)

Tgt Ion: 56 Resp: 213

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.6	84.8#

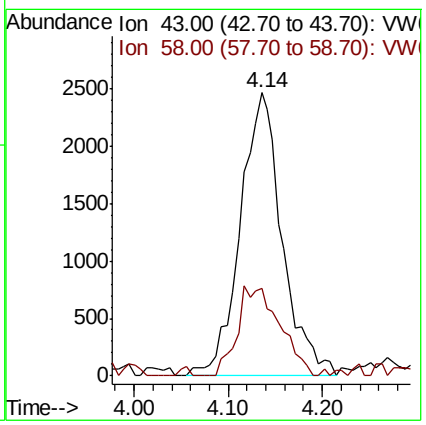


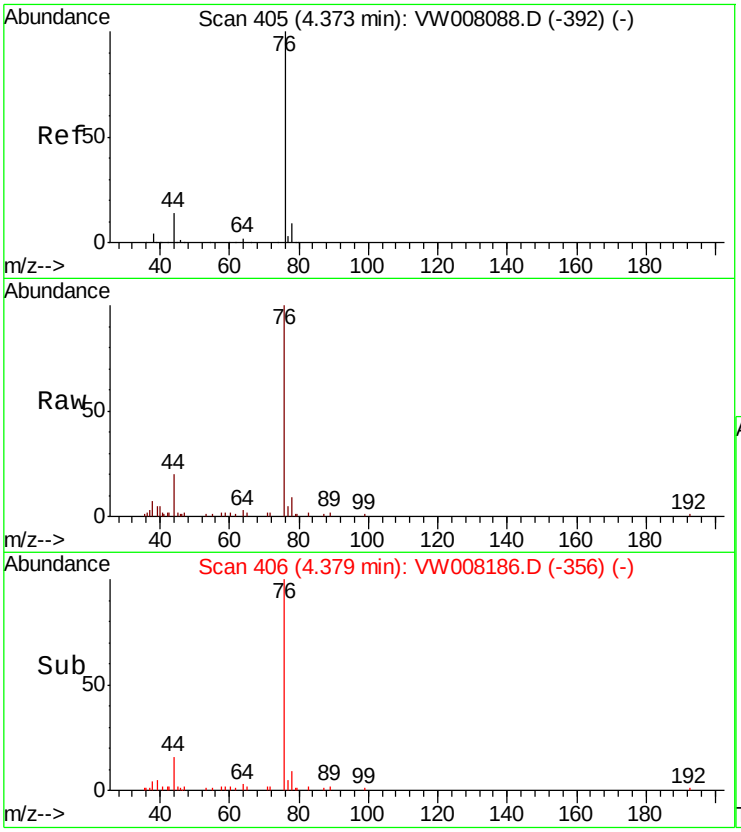


#16
Acetone
Concen: 20.531 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion: 43 Resp: 7671

Ion	Ratio	Lower	Upper
43	100		
58	29.0	27.5	41.3



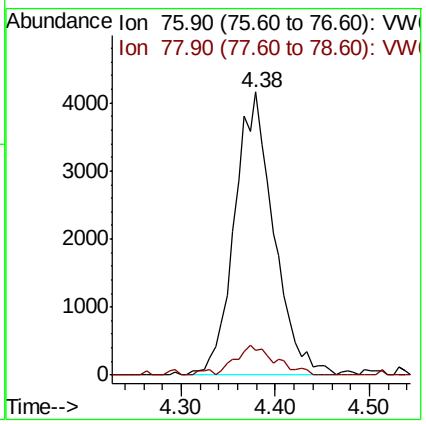


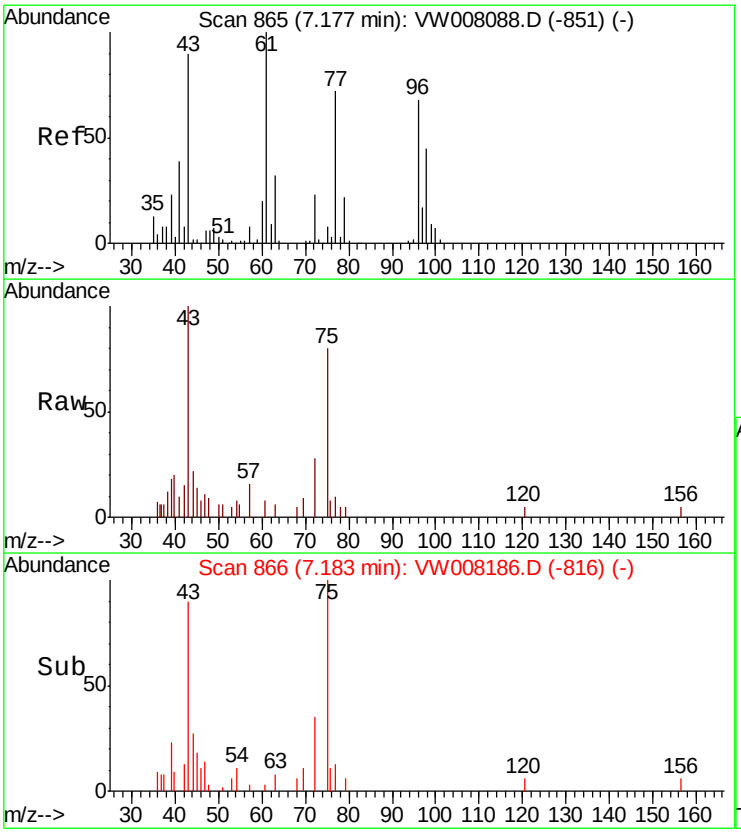
#17
Carbon Disulfide
Concen: 3.704 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument : MSVOA_W
ClientSampleId : CPSB-13(10-15)

Tgt Ion: 76 Resp: 12047

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.6

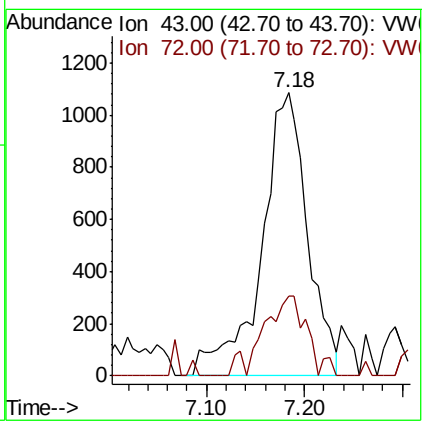


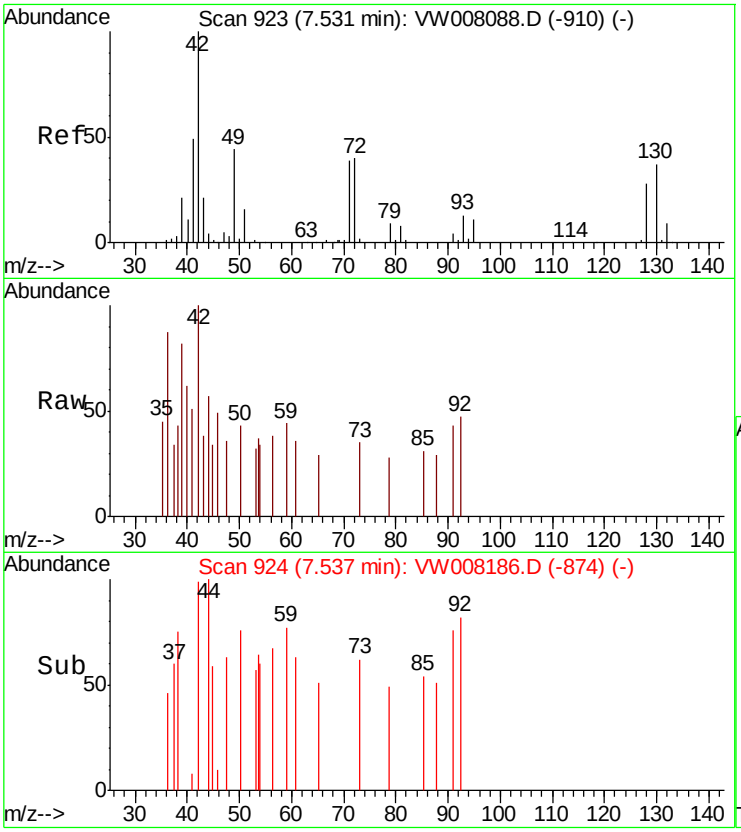


#25
2-Butanone
Concen: 12.026 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion: 43 Resp: 3575

Ion	Ratio	Lower	Upper
43	100		
72	28.2	20.5	30.7



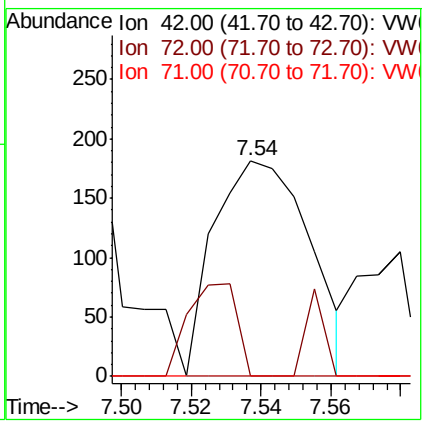


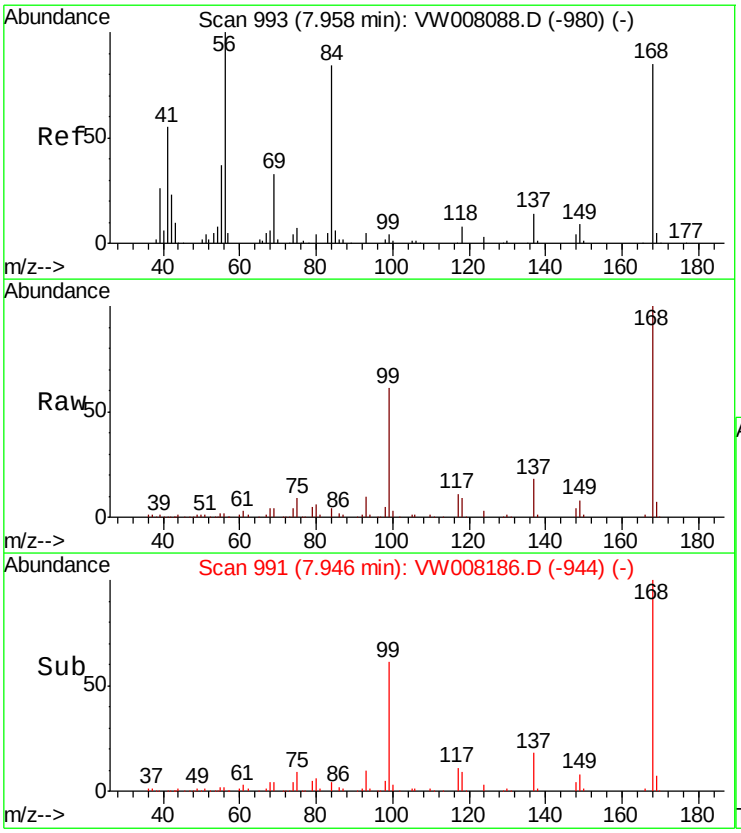
#29
Tetrahydrofuran
Concen: 1.737 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument :
MSVOA_W
ClientSampleId :
CPSB-13(10-15)

Tgt Ion: 42 Resp: 345

Ion	Ratio	Lower	Upper
42	100		
72	22.0	32.4	48.6#
71	0.0	31.3	46.9#

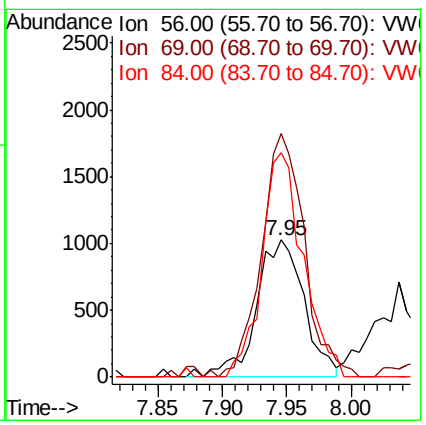


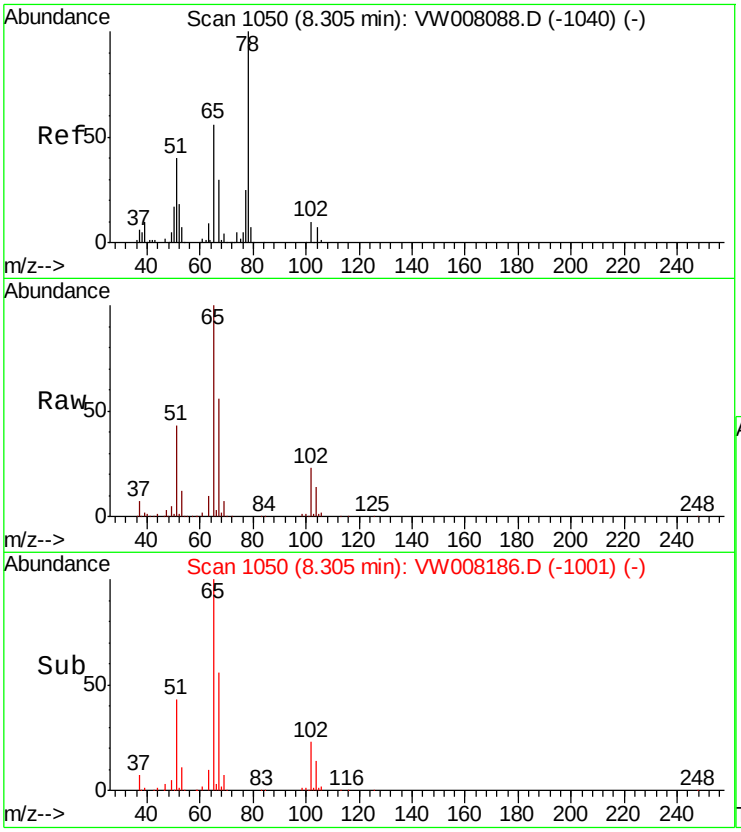


#31
Cyclohexane
Concen: 1.172 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion: 56 Resp: 2636

Ion	Ratio	Lower	Upper
56	100		
69	170.1	26.2	39.4#
84	157.3	67.4	101.2#



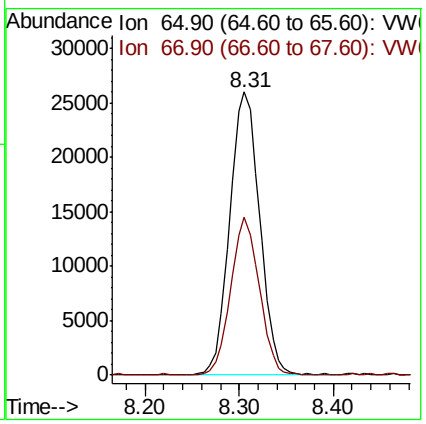


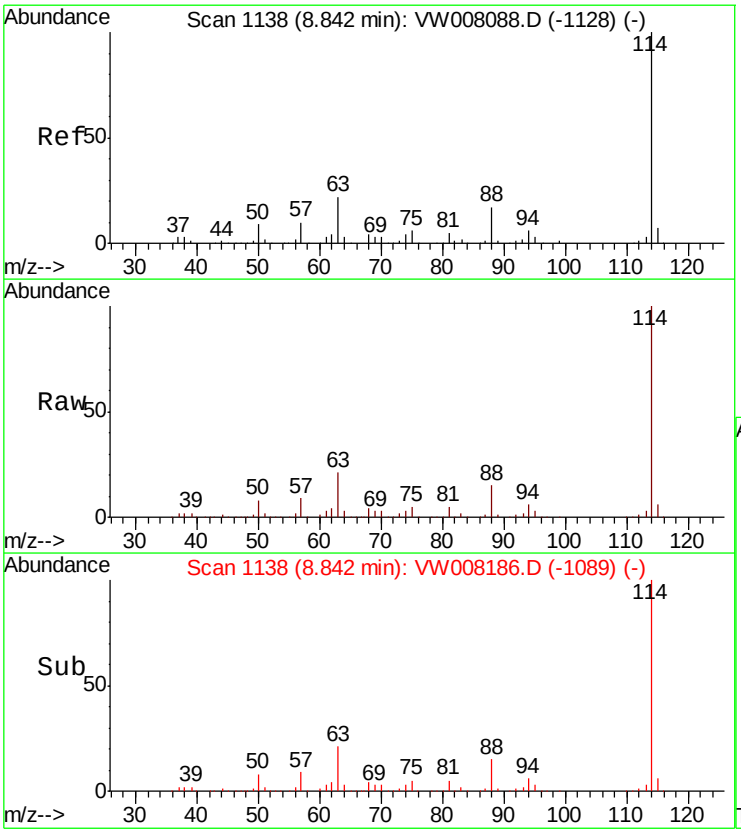
#33
1,2-Dichloroethane-d4
Concen: 53.843 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument : MSVOA_W
ClientSampleId : CPSB-13(10-15)

Tgt Ion: 65 Resp: 57525

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.8

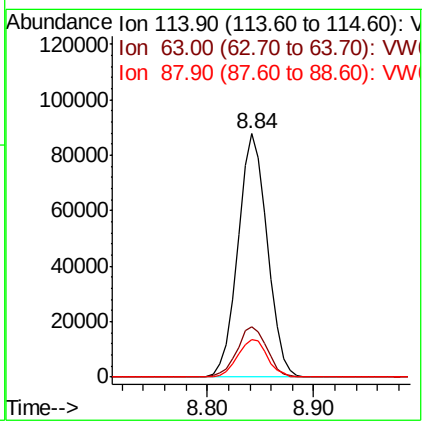


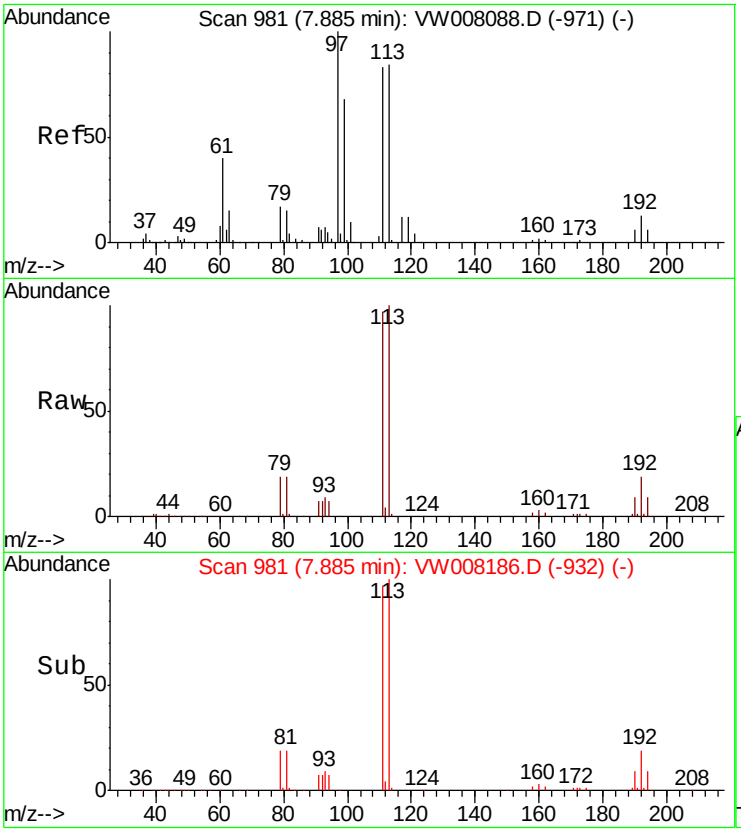


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion:114 Resp: 169549

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.4
88	15.3	0.0	33.4



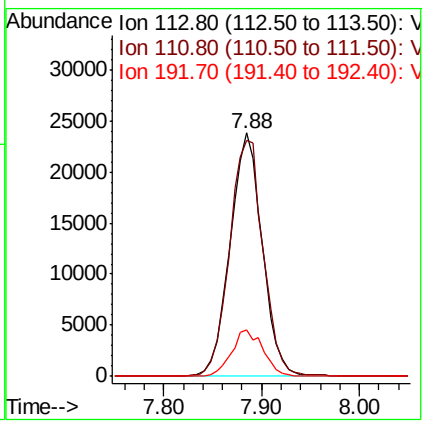


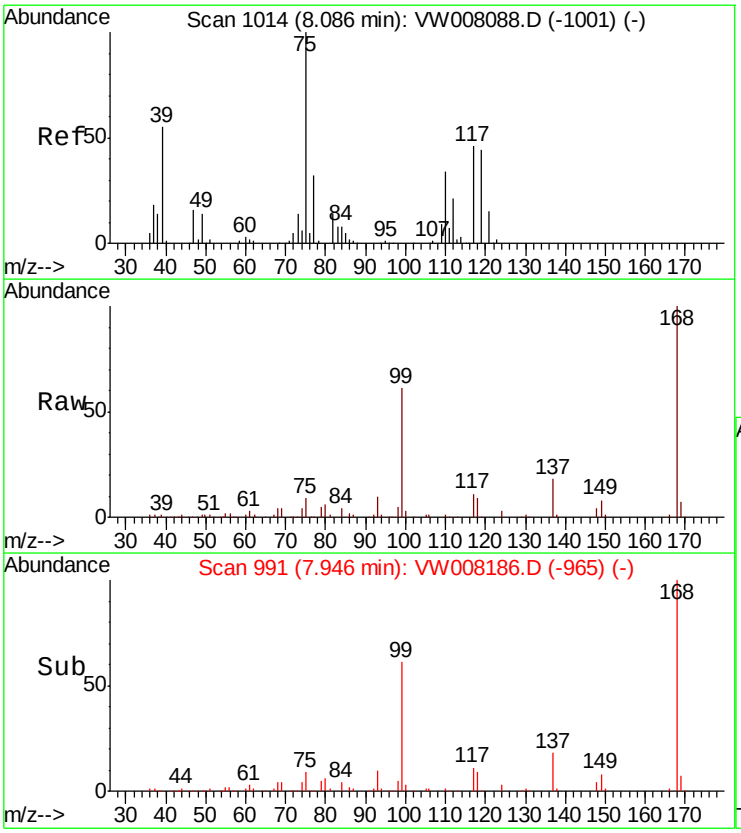
#35
Dibromofluoromethane
Concen: 54.693 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument : MSVOA_W
ClientSampleId : CPSB-13(10-15)

Tgt Ion:113 Resp: 54085

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	18.8	12.8	19.2

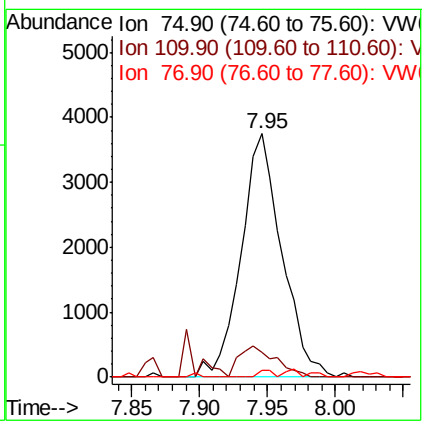


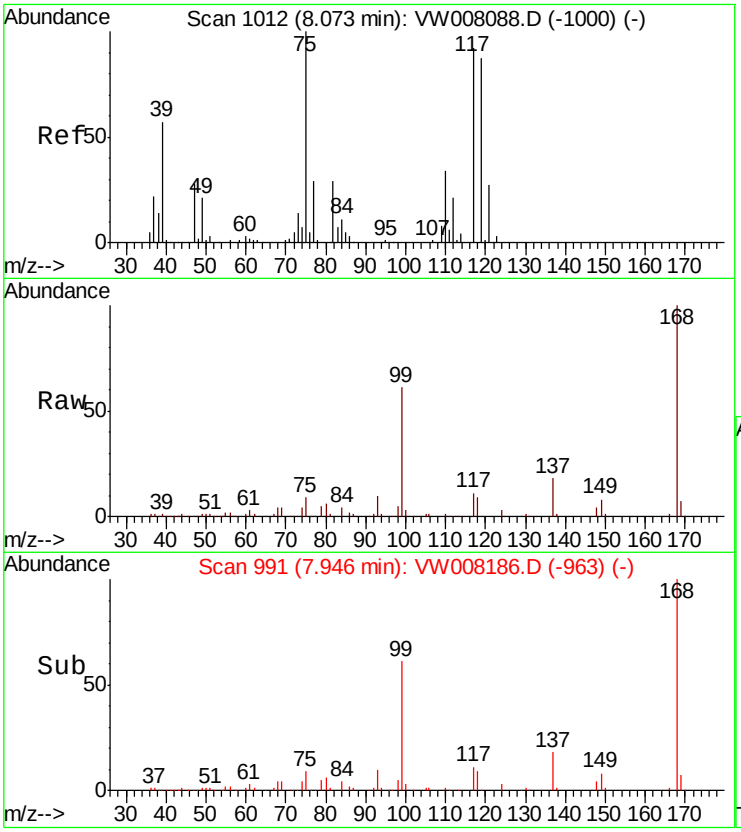


#36
1,1-Dichloropropene
Concen: 4.491 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.14 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion: 75 Resp: 7844

Ion	Ratio	Lower	Upper
75	100		
110	11.4	17.1	51.3#
77	0.9	25.5	38.3#



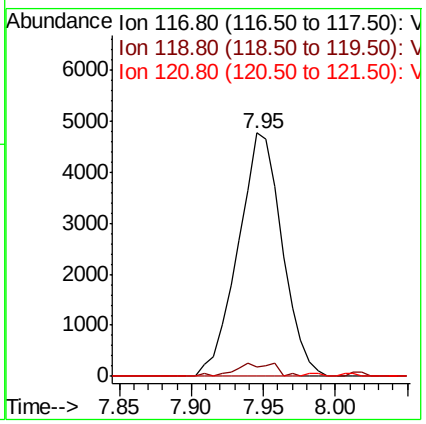


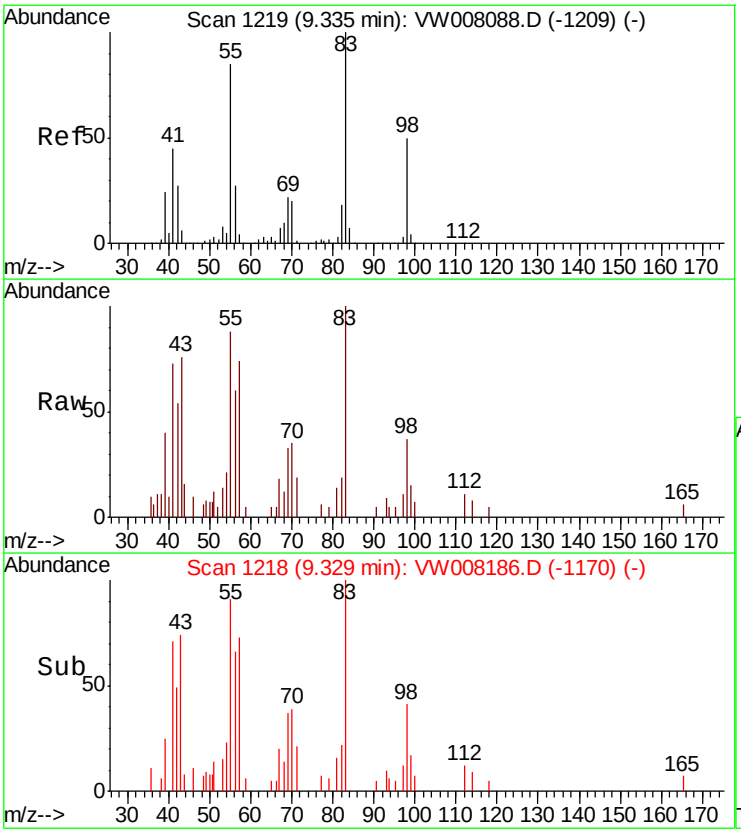
#38
Carbon Tetrachloride
Concen: 6.327 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument : MSVOA_W
ClientSampleId : CPSB-13(10-15)

Tgt Ion:117 Resp: 10114

Ion	Ratio	Lower	Upper
117	100		
119	4.0	75.8	113.8#
121	0.0	23.7	35.5#

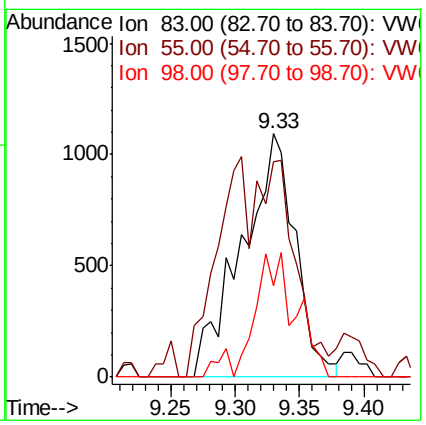


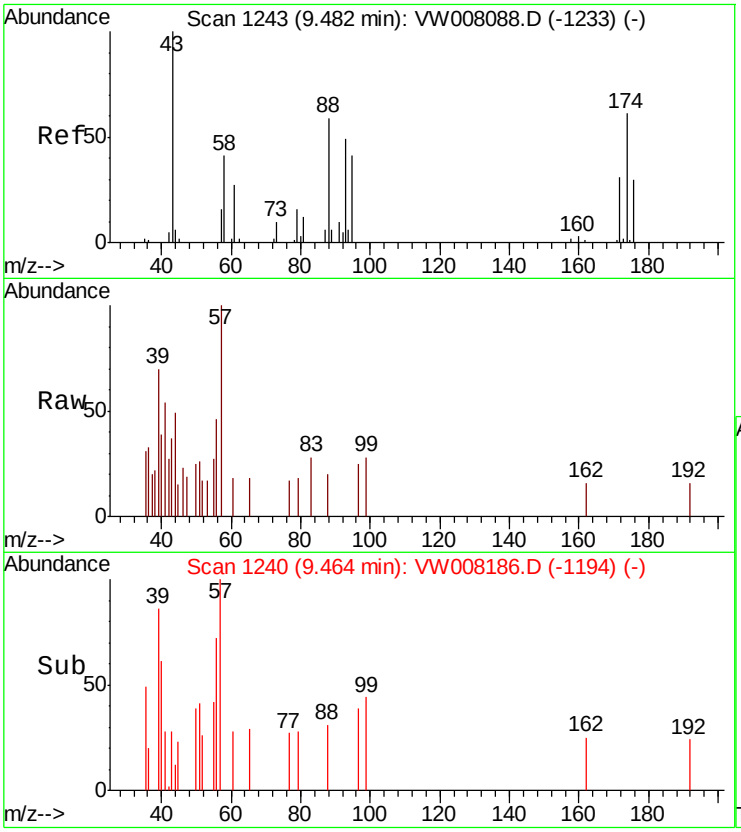


#39
Methylcyclohexane
Concen: 1.418 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion: 83 Resp: 3140

Ion	Ratio	Lower	Upper
83	100		
55	88.3	67.8	101.6
98	37.4	40.2	60.4#



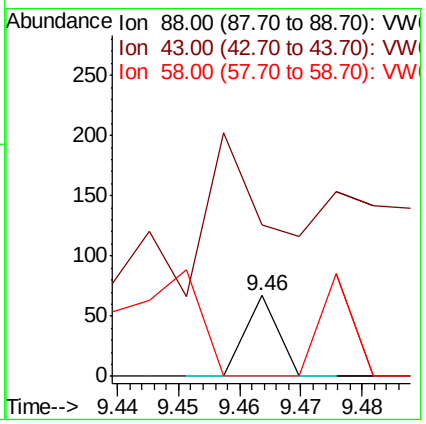


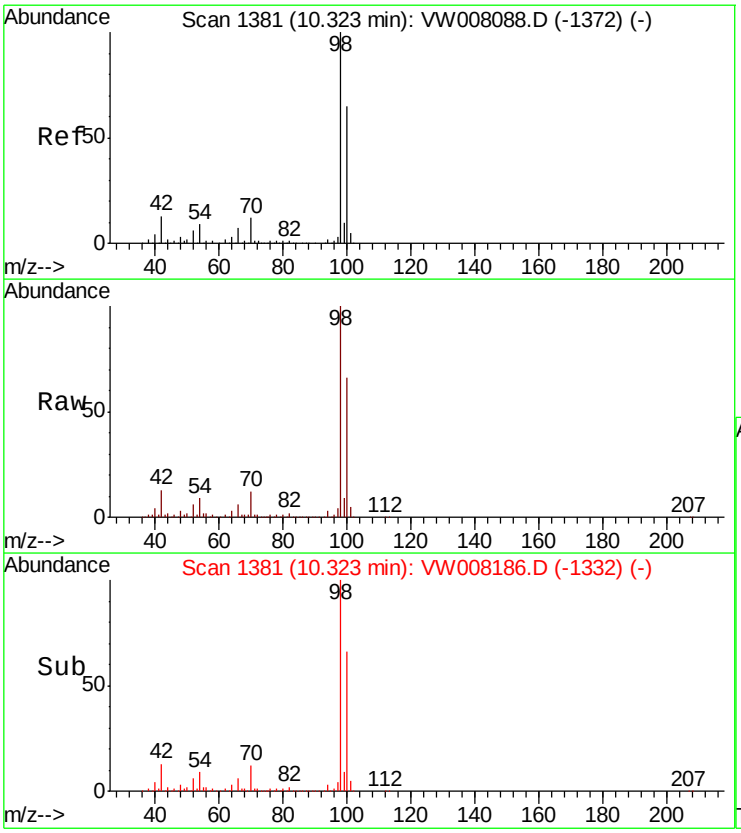
#49
1,4-Dioxane
Concen: 2.695 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument : MSVOA_W
ClientSampleId : CPSB-13(10-15)

Tgt Ion: 88 Resp: 25

Ion	Ratio	Lower	Upper
88	100		
43	360.0	0.0	0.0#
58	124.0	61.7	92.5#

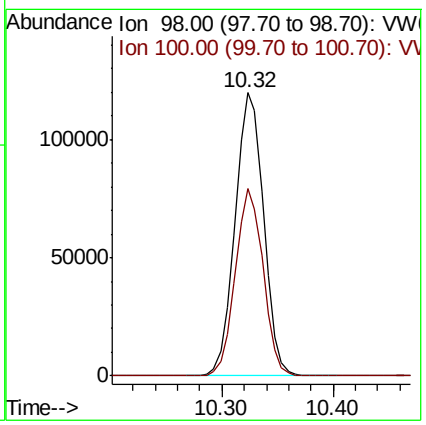


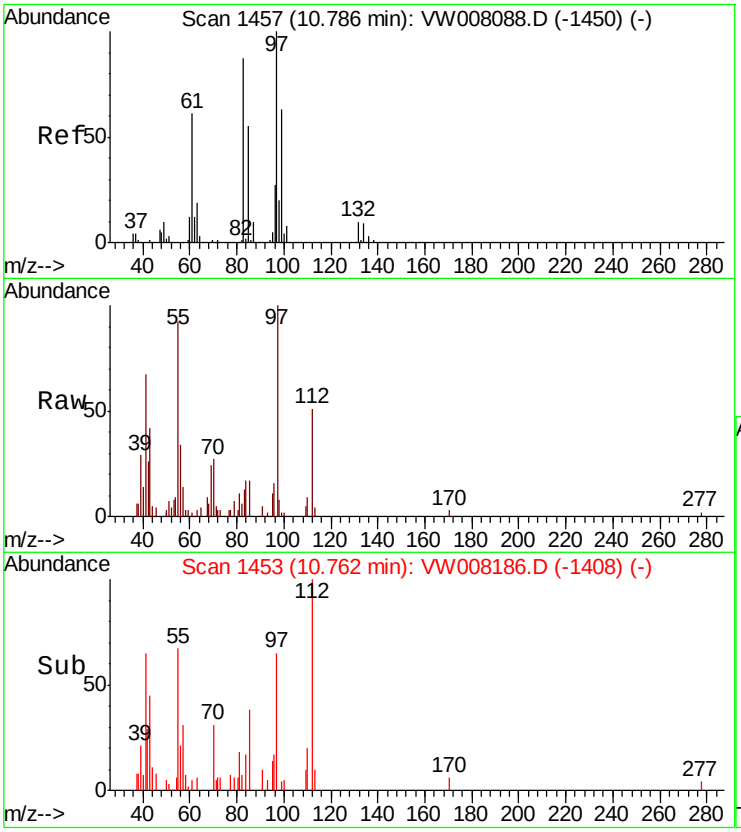


#50
Toluene-d8
Concen: 51.198 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion: 98 Resp: 212455

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5



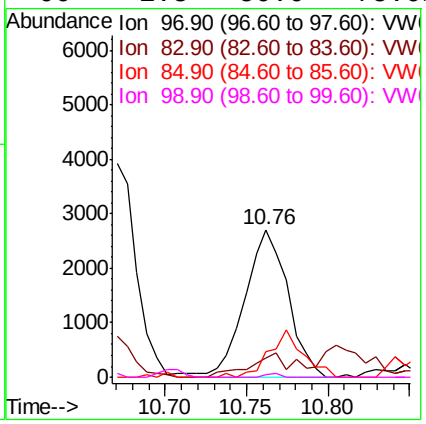


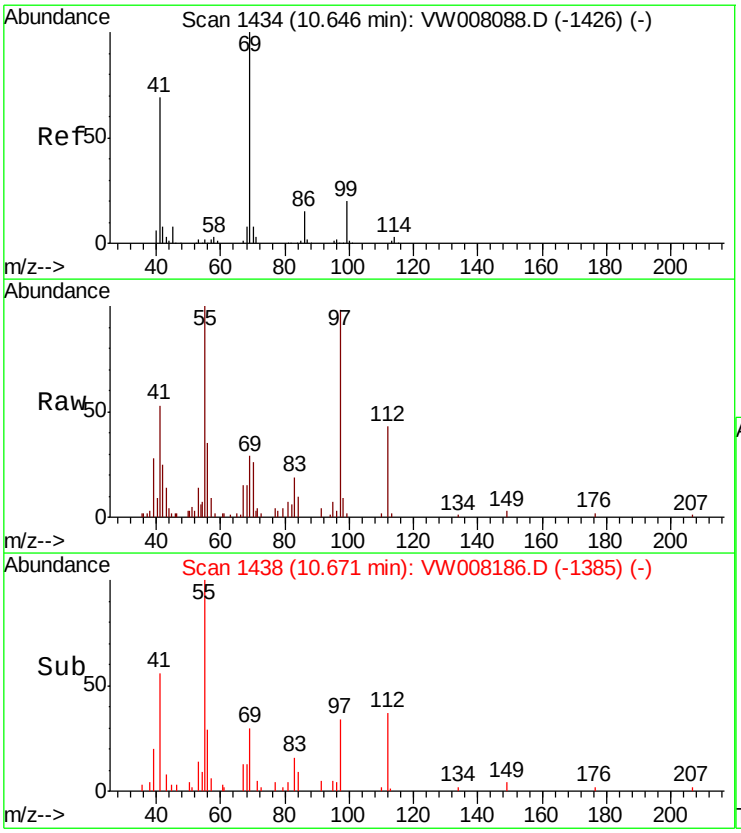
#55
1,1,2-Trichloroethane
Concen: 6.105 ug/l
RT: 10.76 min Scan# 1453
Delta R.T. -0.02 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument : MSVOA_W
ClientSampleId : CPSB-13(10-15)

Tgt Ion: 97 Resp: 4944

Ion	Ratio	Lower	Upper
97	100		
83	12.6	69.3	103.9#
85	17.3	43.8	65.6#
99	1.8	50.0	75.0#

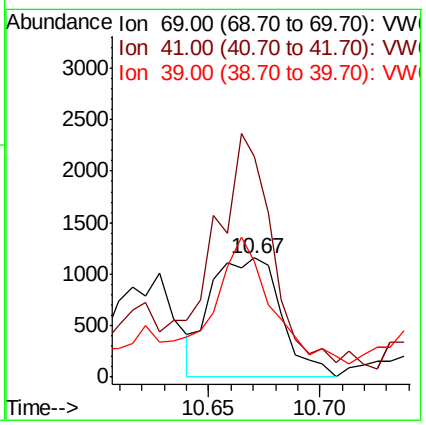


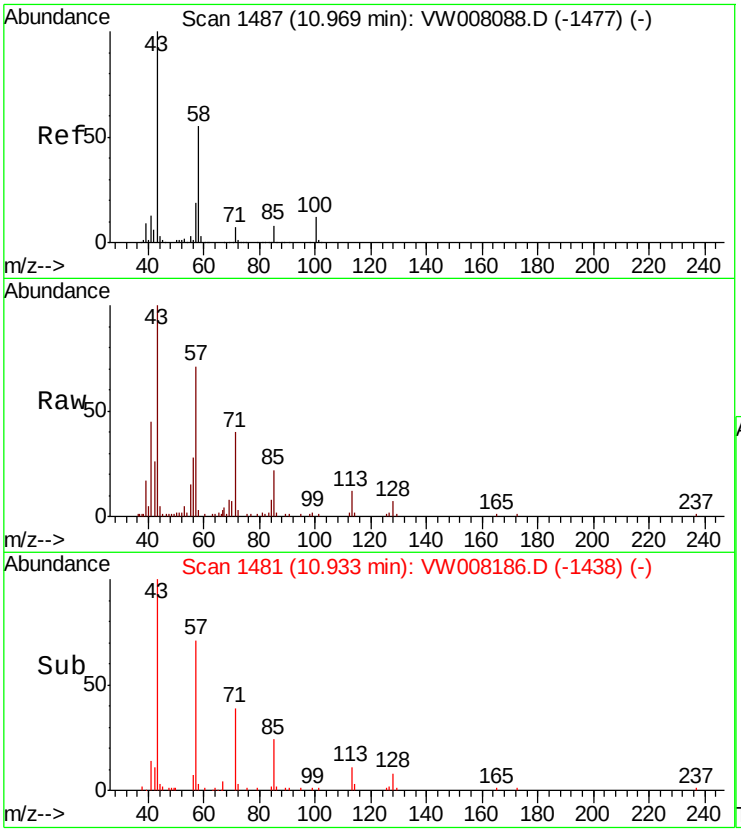


#56
Ethyl methacrylate
Concen: 2.525 ug/l
RT: 10.67 min Scan# 1438
Delta R.T. 0.02 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion: 69 Resp: 2533

Ion	Ratio	Lower	Upper
69	100		
41	158.7	56.4	84.6#
39	84.8	28.1	42.1#



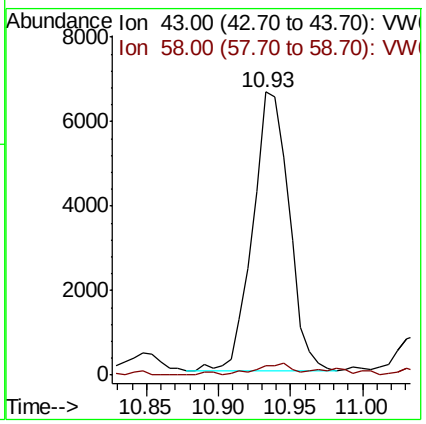


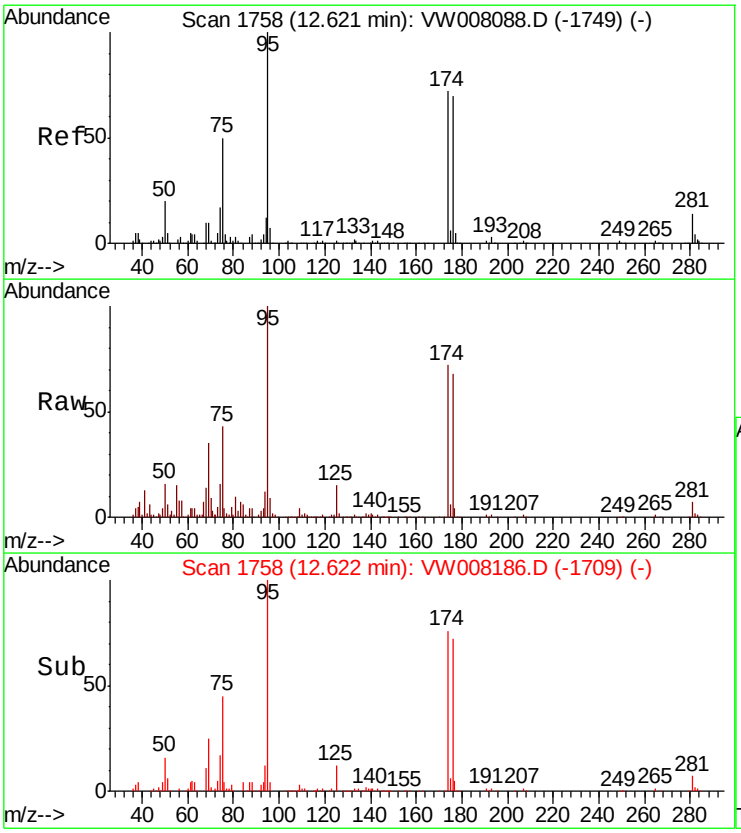
#59
2-Hexanone
Concen: 25.265 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument : MSVOA_W
ClientSampleId : CPSB-13(10-15)

Tgt Ion: 43 Resp: 11570

Ion	Ratio	Lower	Upper
43	100		
58	4.1	27.2	81.5#

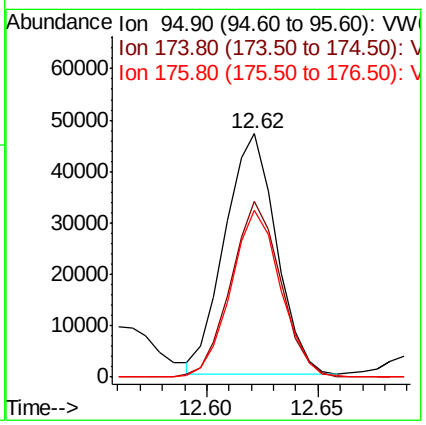


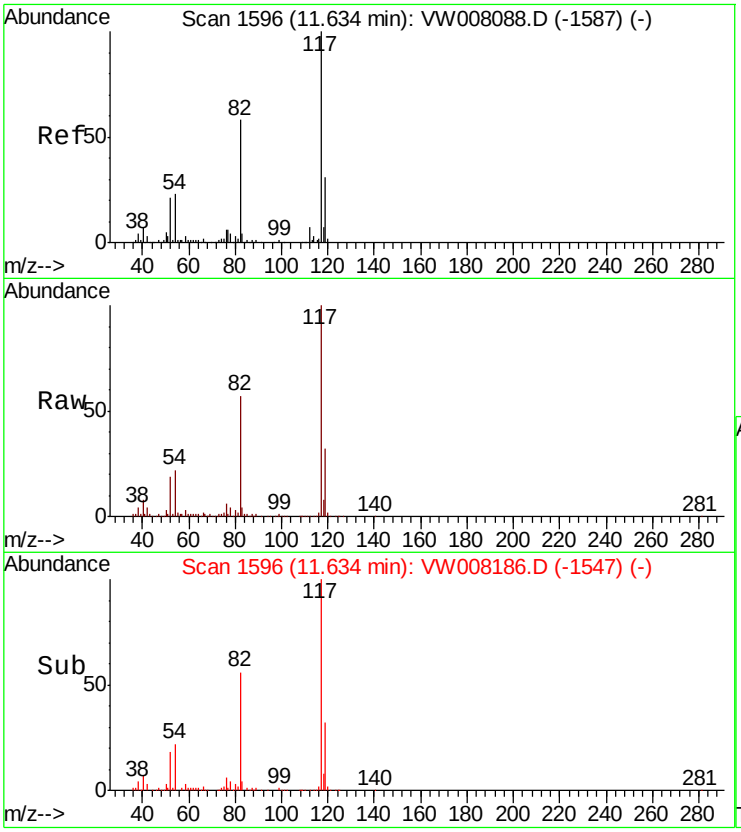


#62
4-Bromofluorobenzene
Concen: 50.463 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion: 95 Resp: 75072

Ion	Ratio	Lower	Upper
95	100		
174	70.8	0.0	143.0
176	67.5	0.0	140.2



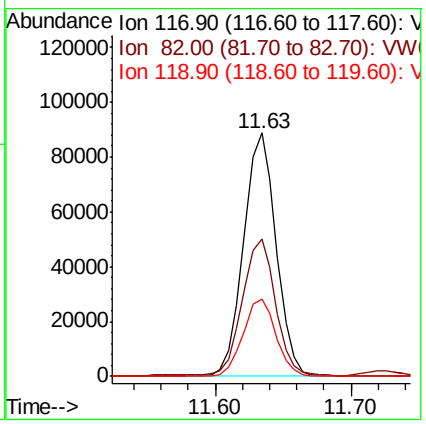


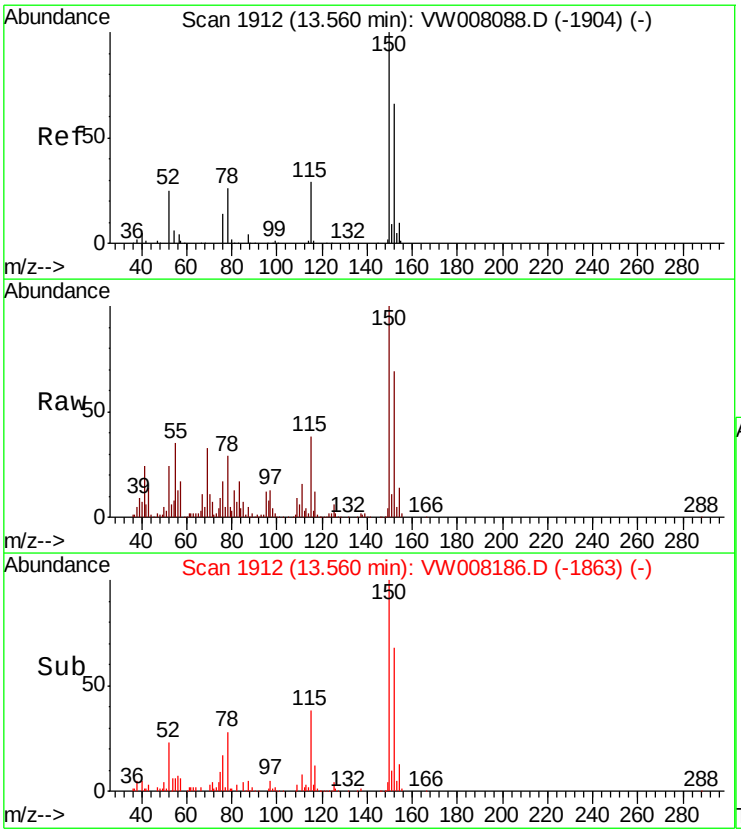
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument : MSVOA_W
ClientSampleId : CPSB-13(10-15)

Tgt Ion:117 Resp: 149258

Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.4	69.6
119	31.7	24.7	37.1

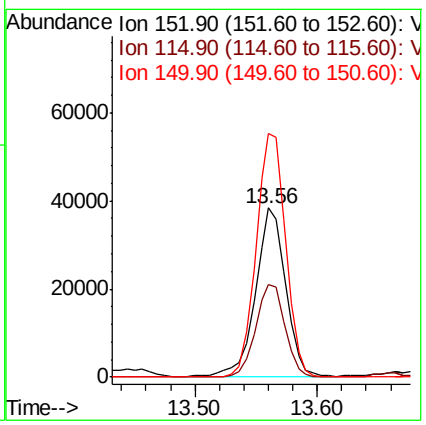


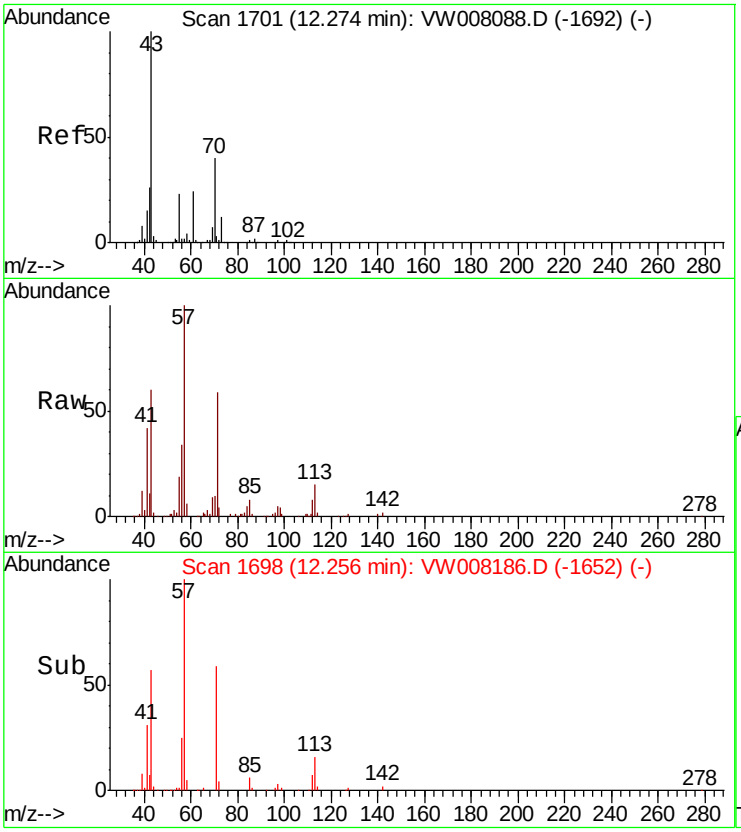


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion:152 Resp: 65977

Ion	Ratio	Lower	Upper
152	100		
115	53.5	30.8	92.4
150	140.3	0.0	350.2



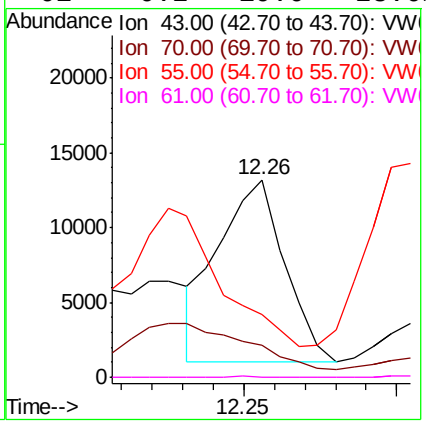


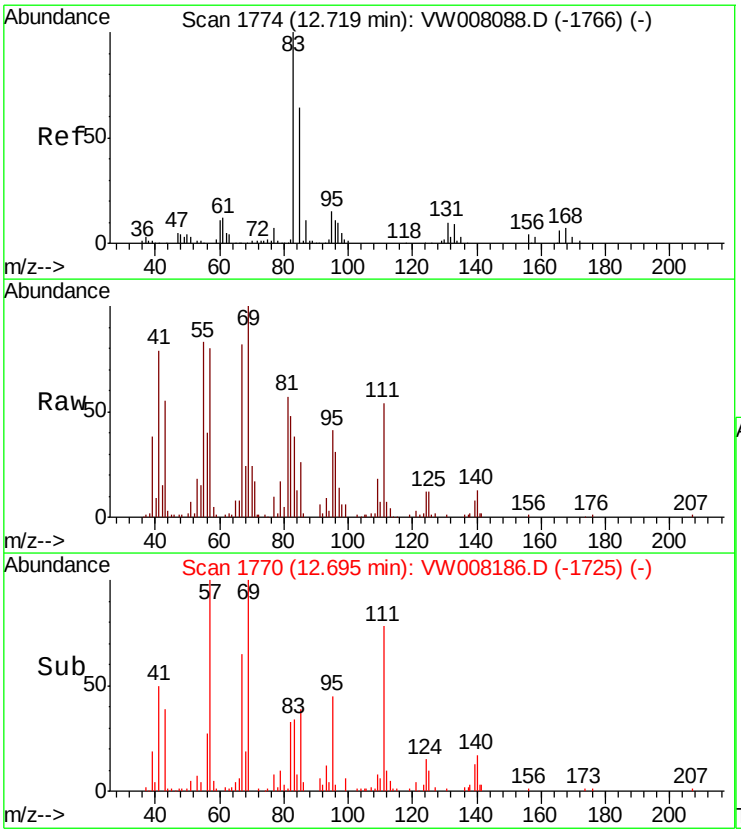
#74
N-amyl acetate
Concen: 15.867 ug/l
RT: 12.26 min Scan# 1698
Delta R.T. -0.02 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument : MSVOA_W
ClientSampleId : CPSB-13(10-15)

Tgt Ion: 43 Resp: 18201

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.4	48.6#
55	0.0	18.7	28.1#
61	0.2	19.0	28.6#

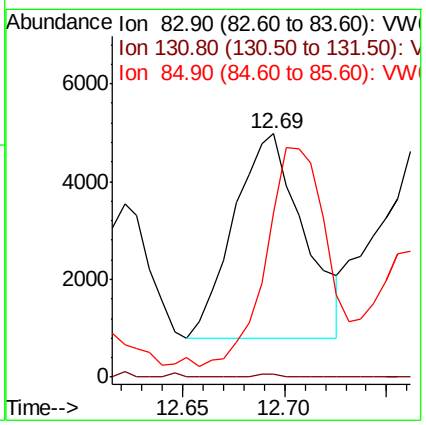


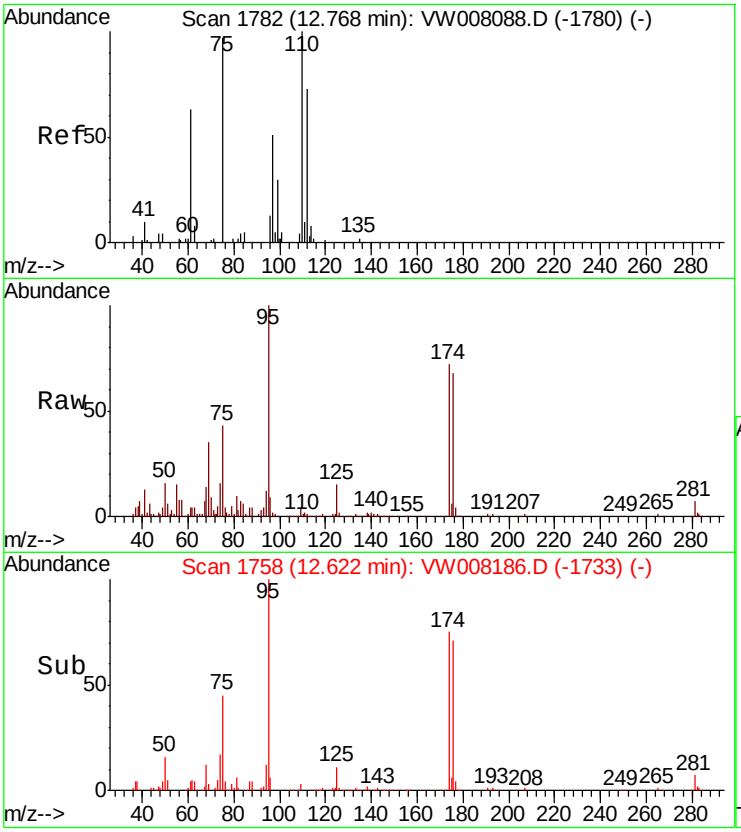


#75
1,1,2,2-Tetrachloroethane
Concen: 12.006 ug/l
RT: 12.69 min Scan# 1770
Delta R.T. -0.02 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion: 83 Resp: 9954

Ion	Ratio	Lower	Upper
83	100		
131	0.5	5.3	16.1#
85	91.7	32.4	97.2



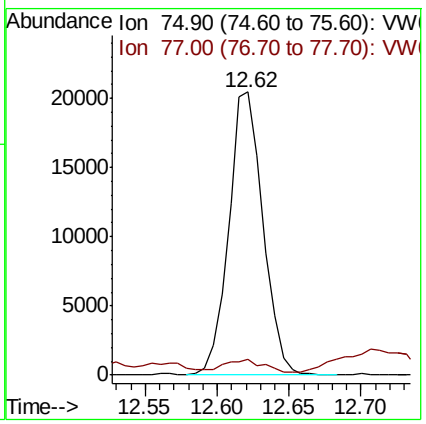


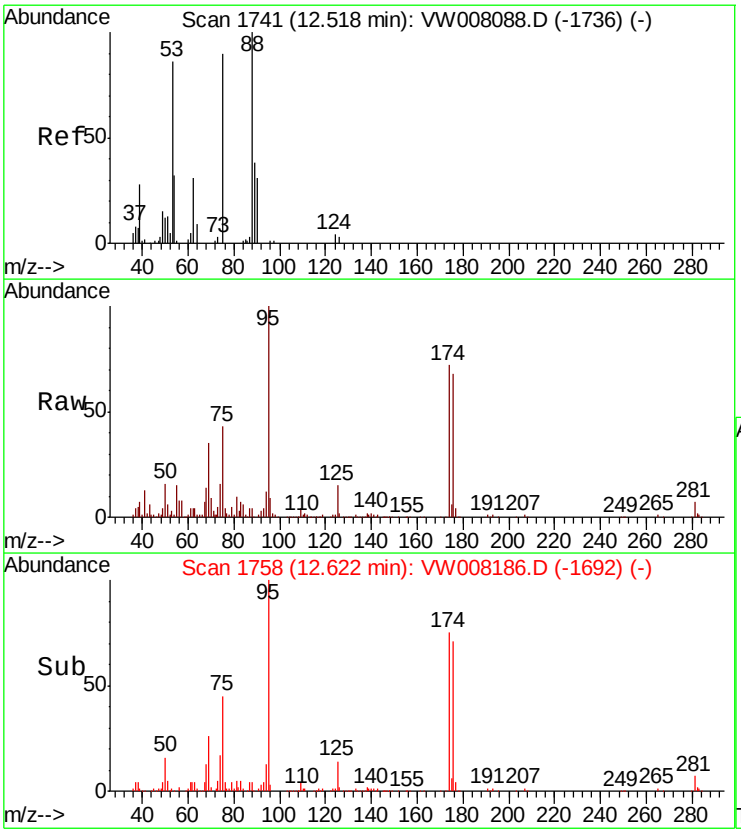
#76
1,2,3-Trichloropropane
Concen: 56.317 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument :
MSVOA_W
ClientSampleId :
CPSB-13(10-15)

Tgt Ion: 75 Resp: 33872

Ion	Ratio	Lower	Upper
75	100		
77	4.8	179.4	538.2#

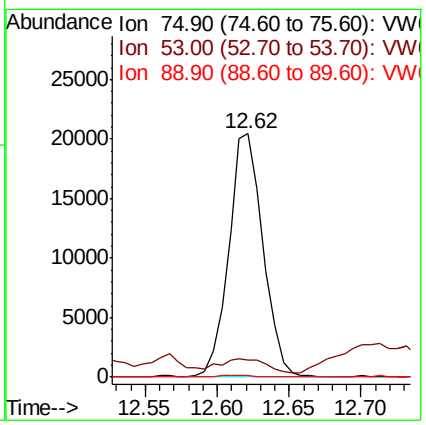


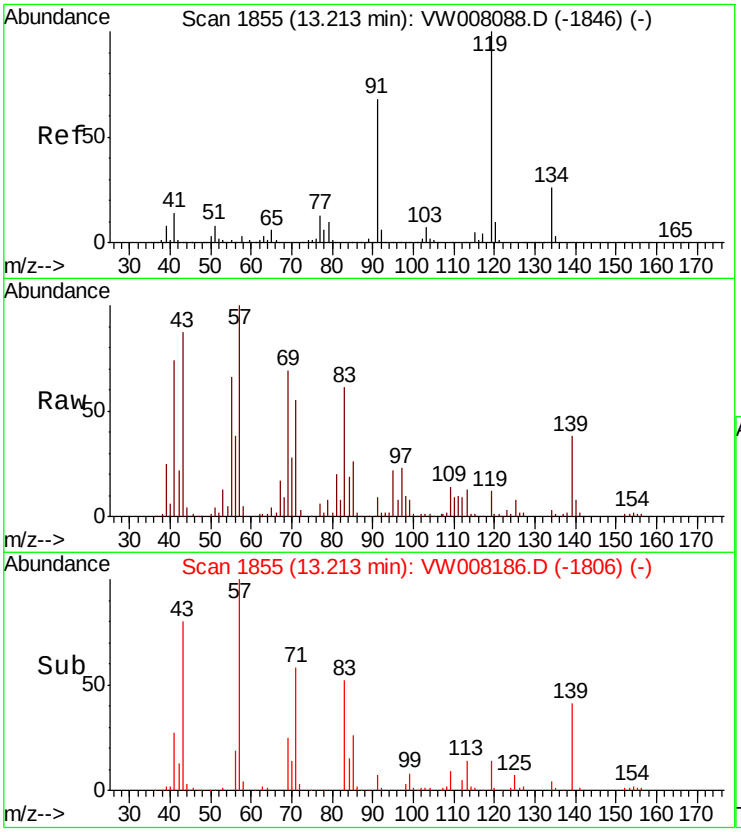


#81
trans-1,4-Dichloro-2-butene
Concen: 131.145 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion: 75 Resp: 33872

Ion	Ratio	Lower	Upper
75	100		
53	7.0	78.8	118.2#
89	0.5	35.4	53.2#



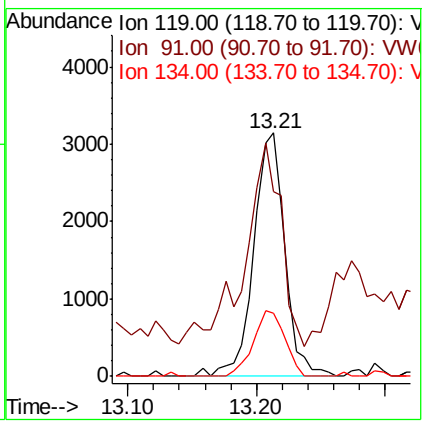


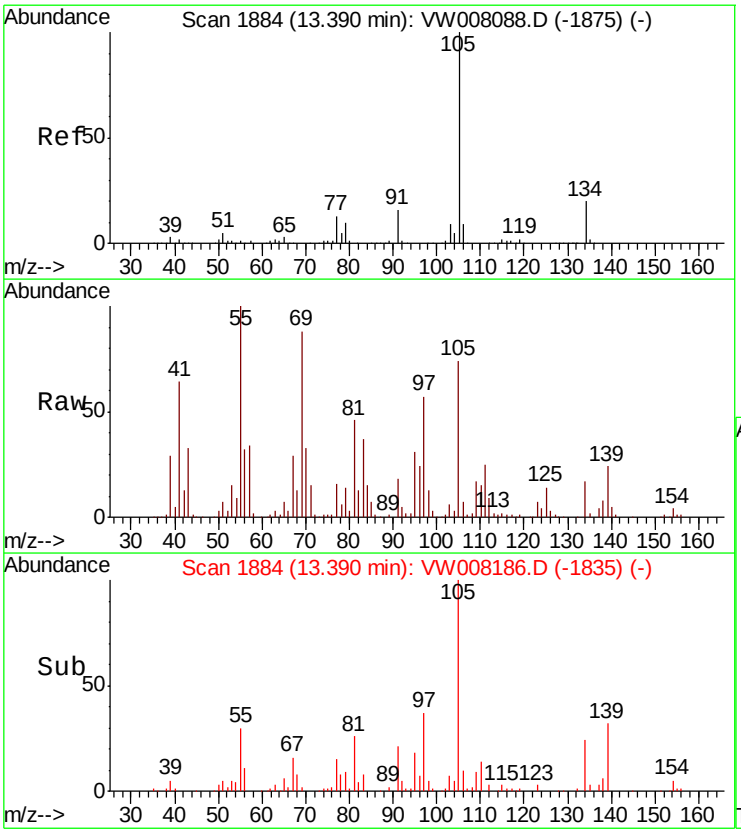
#83
tert-Butylbenzene
Concen: 1.390 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument :
MSVOA_W
ClientSampleId :
CPSB-13(10-15)

Tgt Ion:119 Resp: 5234

Ion	Ratio	Lower	Upper
119	100		
91	99.4	33.9	101.6
134	27.3	13.6	40.8

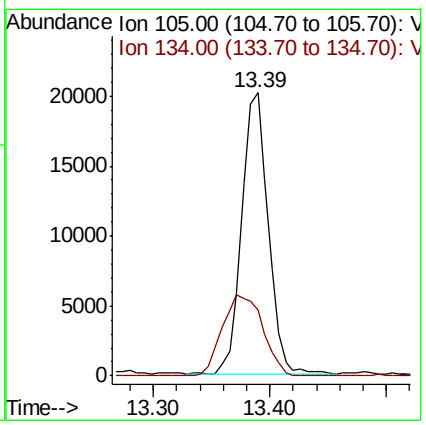


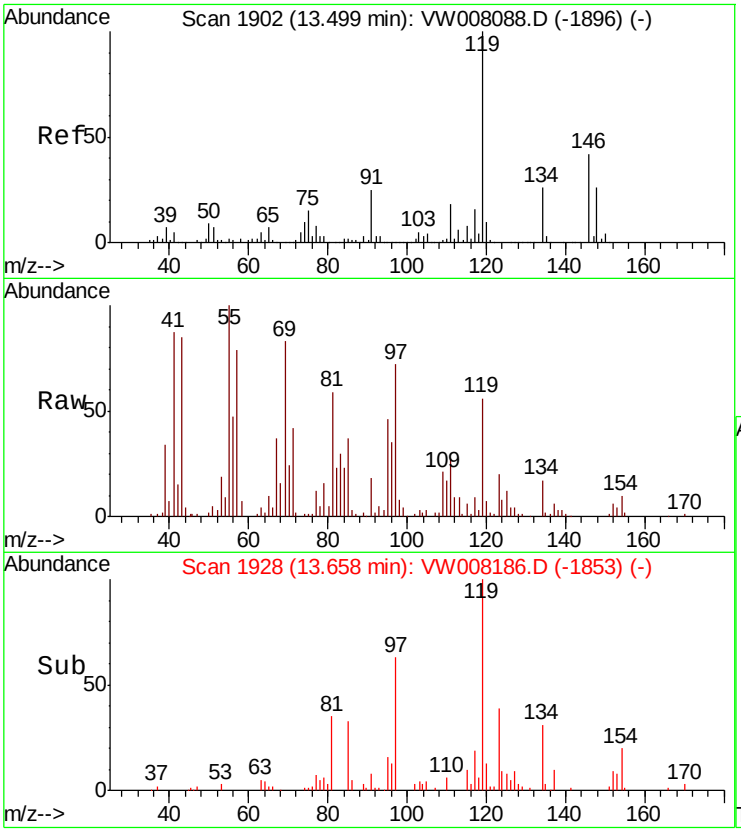


#85
sec-Butylbenzene
Concen: 5.845 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion:105 Resp: 32244

Ion	Ratio	Lower	Upper
105	100		
134	43.7	10.1	30.1#



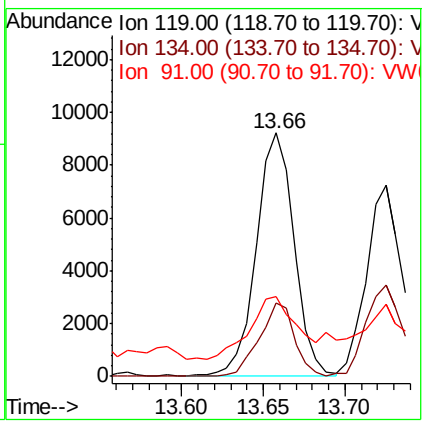


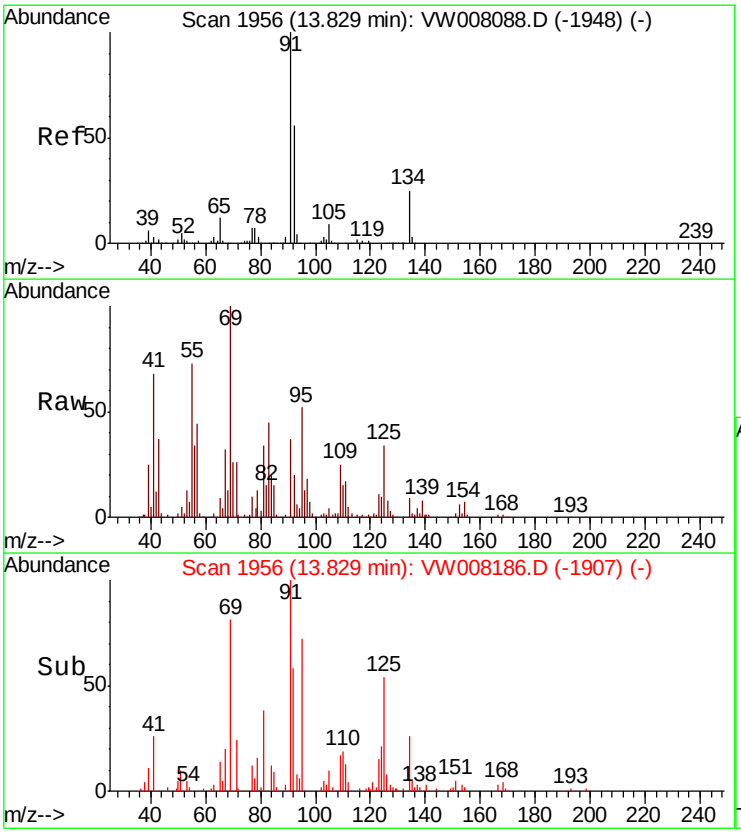
#86
p-Isopropyltoluene
Concen: 3.123 ug/l
RT: 13.66 min Scan# 1928
Delta R.T. 0.16 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument : MSVOA_W
ClientSampleId : CPSB-13(10-15)

Tgt Ion:119 Resp: 14878

Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.3	39.8
91	31.5	12.3	36.9

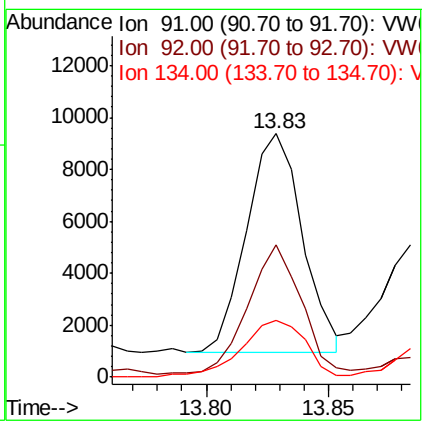


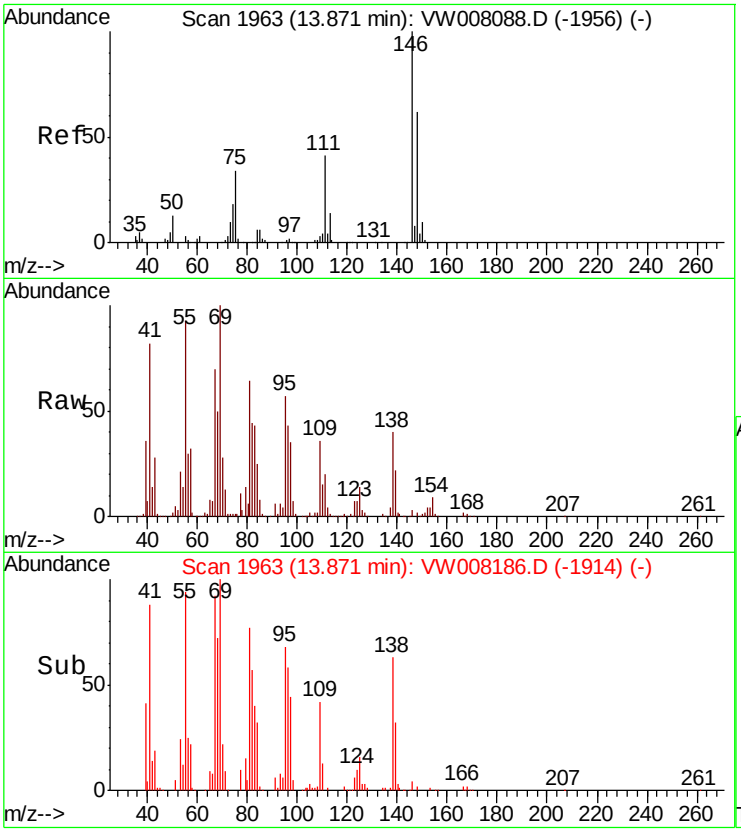


#89
n-Butylbenzene
Concen: 2.878 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion: 91 Resp: 13426

Ion	Ratio	Lower	Upper
91	100		
92	57.3	27.4	82.2
134	29.7	12.6	37.8



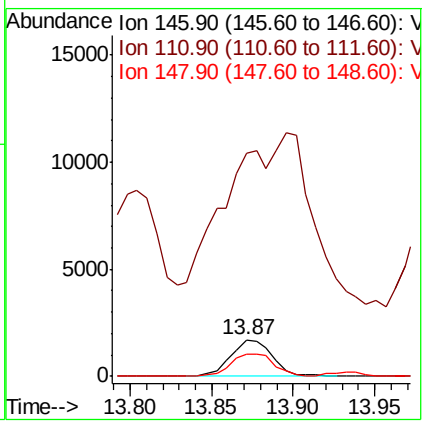


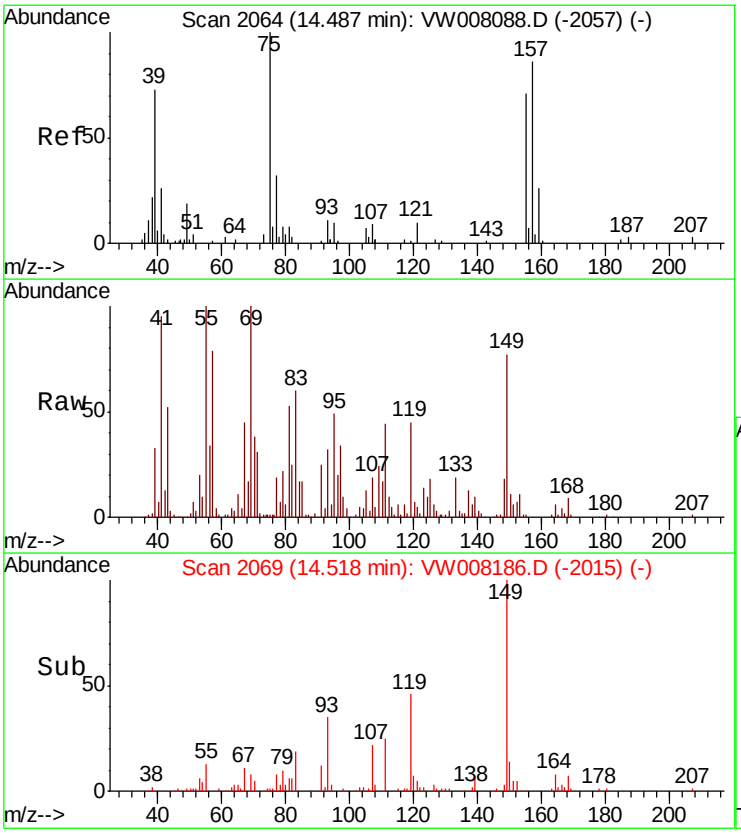
#91
1,2-Dichlorobenzene
Concen: 1.553 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument :
MSVOA_W
ClientSampleId :
CPSB-13(10-15)

Tgt Ion:146 Resp: 3031

Ion	Ratio	Lower	Upper
146	100		
111	416.4	21.3	63.7#
148	63.0	31.5	94.5

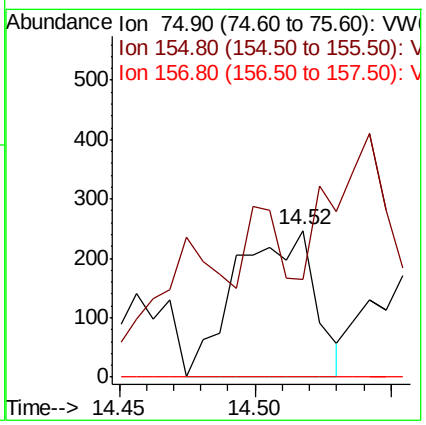


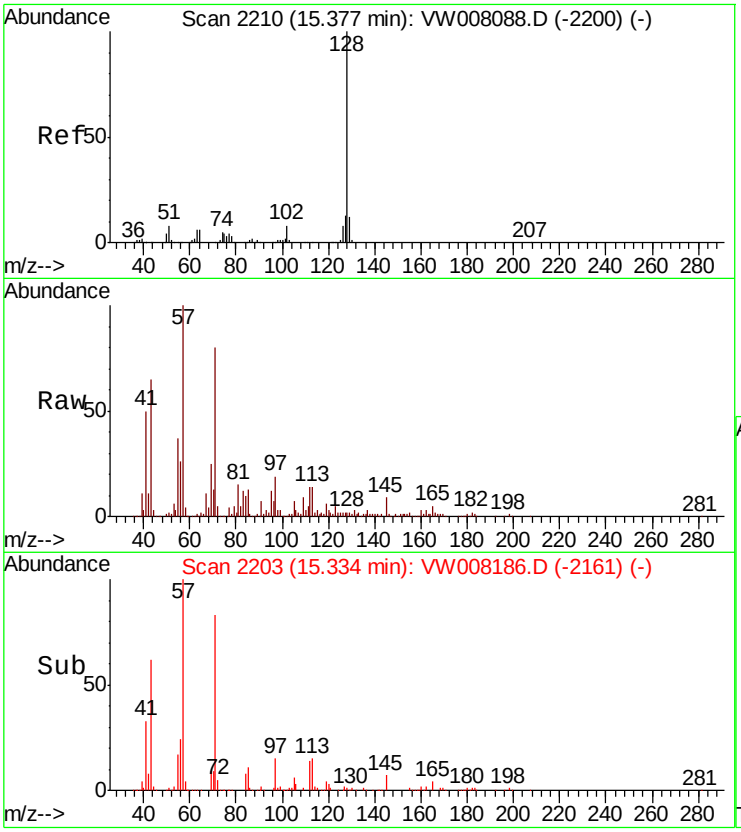


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.725 ug/l
RT: 14.52 min Scan# 2069
Delta R.T. 0.03 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion: 75 Resp: 497

Ion	Ratio	Lower	Upper
75	100		
155	22.5	38.6	115.7#
157	0.0	47.5	142.6#



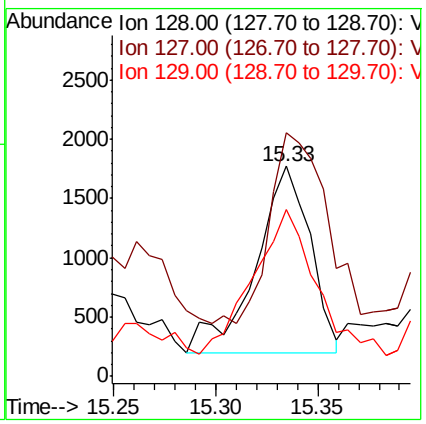


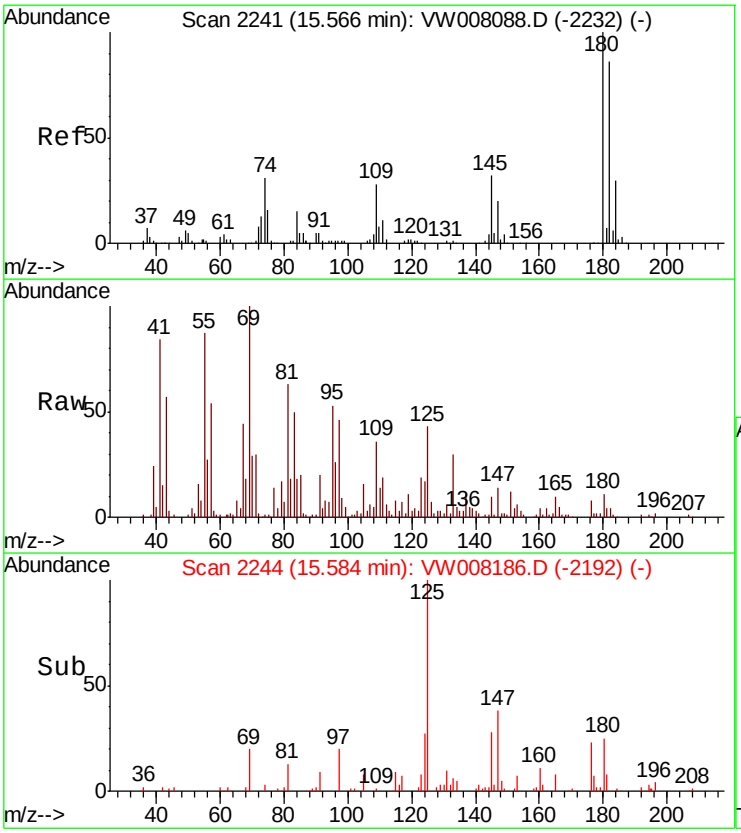
#95
Naphthalene
Concen: 1.224 ug/l
RT: 15.33 min Scan# 2203
Delta R.T. -0.04 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument : MSVOA_W
ClientSampleId : CPSB-13(10-15)

Tgt Ion:128 Resp: 2961

Ion	Ratio	Lower	Upper
128	100		
127	105.7	11.0	16.4#
129	88.8	9.0	13.6#





#96
1,2,3-Trichlorobenzene
Concen: 2.722 ug/l
RT: 15.58 min Scan# 2244
Delta R.T. 0.02 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion:180 Resp: 3006

Ion	Ratio	Lower	Upper
180	100		
182	18.9	46.5	139.3#
145	76.2	17.4	52.2#