Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
Data File : VW005490.D
Acq On : 18 Sep 2018 20:03
Operator : SY/AP
Sample : J4936-19RE
Misc : 5.84G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 138-KV-2RE

Quant Time: Sep 19 06:00:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.96	168	125718	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.85	114	158724	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	61845	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	10284	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	48074	36.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 73.68%				
35) Dibromofluoromethane	7.90	113	45795	51.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.92%				
50) Toluene-d8	10.33	98	116743	28.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 57.28%				
62) 4-Bromofluorobenzene	12.62	95	12890	8.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 17.26%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.00	85	252	Below Cal		#	42
5) Bromomethane	2.77	94	267	Below Cal		#	45
8) Diethyl Ether	3.69	74	550	1.005	ug/l		52
11) Tert butyl alcohol	5.20	59	149	Below Cal		#	71
13) Acrolein	3.88	56	20	Below Cal		#	64
16) Acetone	4.17	43	701	Below Cal		#	1
17) Carbon Disulfide	4.39	76	5341	1.559	ug/l		95
20) Methylene Chloride	4.92	84	14700	6.342	ug/l		97
29) Tetrahydrofuran	7.56	42	614	3.070	ug/l	#	75
31) Cyclohexane	7.95	56	3620	1.738	ug/l	#	1
32) 1,1,1-Trichloroethane	7.88	97	2587	1.244	ug/l	#	47
36) 1,1-Dichloropropene	7.96	75	10171	6.771	ug/l	#	52
38) Carbon Tetrachloride	7.96	117	12453	7.956	ug/l	#	18
39) Methylcyclohexane	9.34	83	1950	1.117	ug/l		96
73) Isopropylbenzene	12.48	105	906	1.256	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.73	83	125	1.188	ug/l	#	1
76) 1,2,3-Trichloropropane	12.63	75	6703	79.247	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.89	105	735	1.168	ug/l		78
81) trans-1,4-Dichloro-2-buten	12.63	75	6703	205.572	ug/l	#	9
85) sec-Butylbenzene	13.40	105	805	1.065	ug/l	#	70
90) Hexachloroethane	14.10	117	158	1.365	ug/l		80
92) 1,2-Dibromo-3-Chloropropan	14.54	75	115	5.689	ug/l		77
95) Naphthalene	15.37	128	1108	3.296	ug/l	#	91

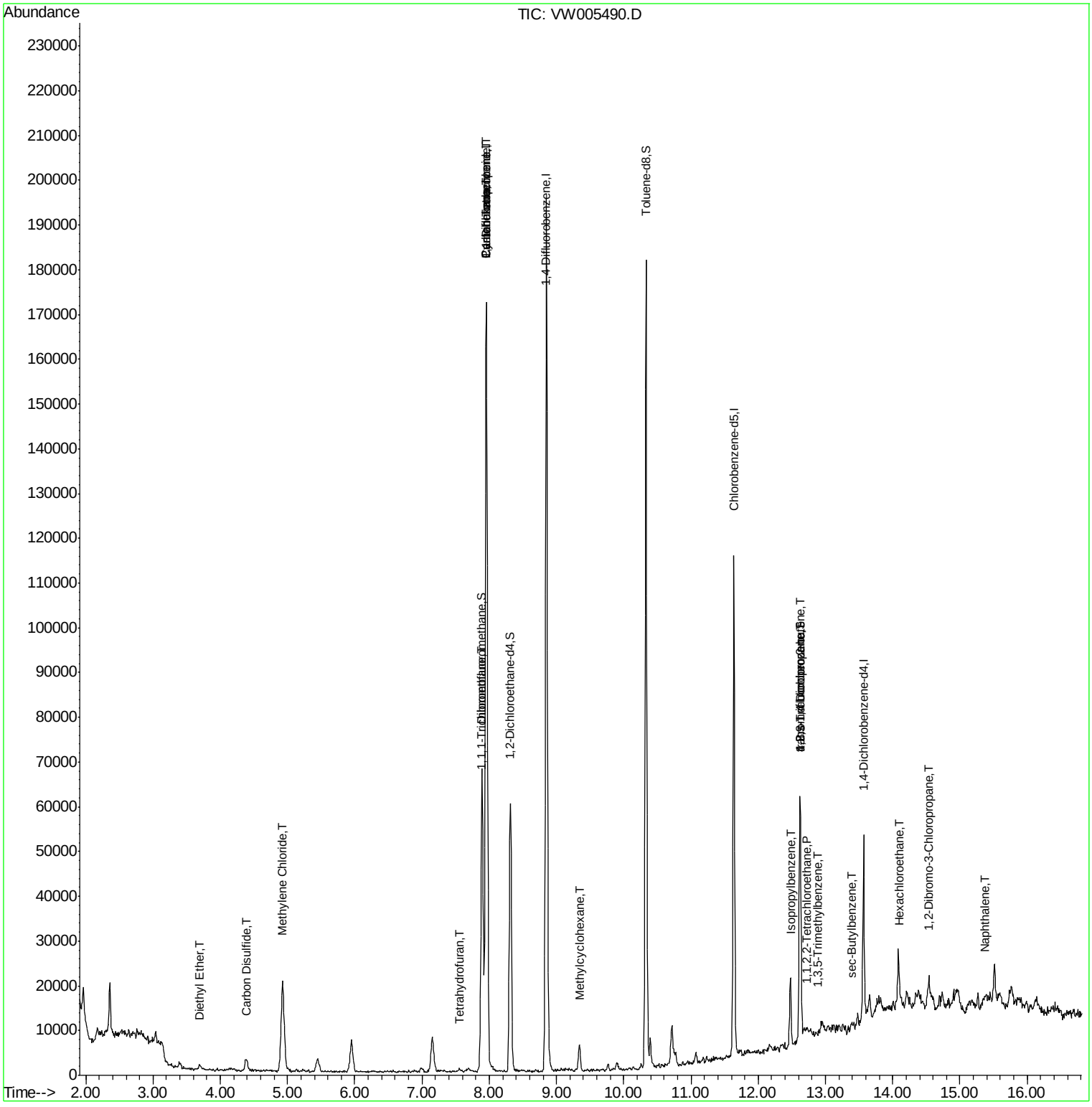
(#) = qualifier out of range (m) = manual integration (+) = signals summed

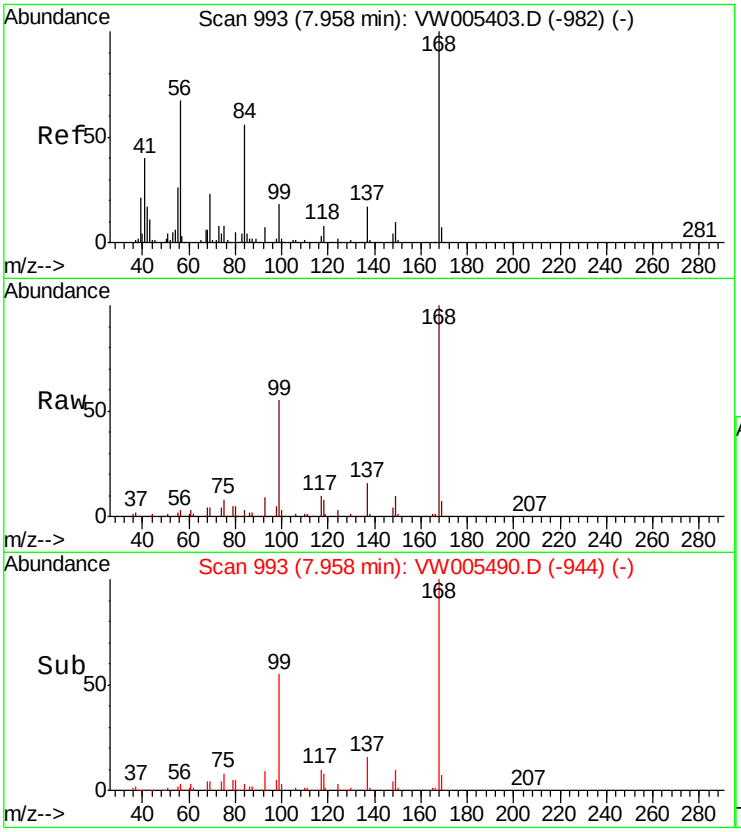
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
Data File : VW005490.D
Acq On : 18 Sep 2018 20:03
Operator : SY/AP
Sample : J4936-19RE
Misc : 5.84G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
138-KV-2RE

Quant Time: Sep 19 06:00:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration



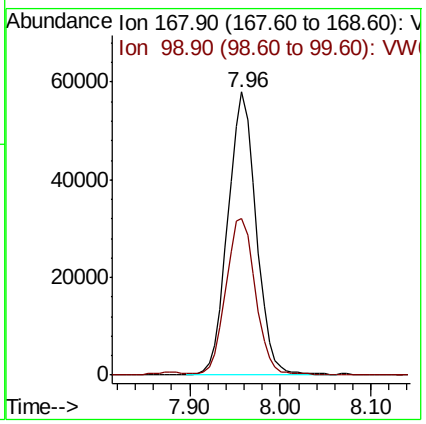


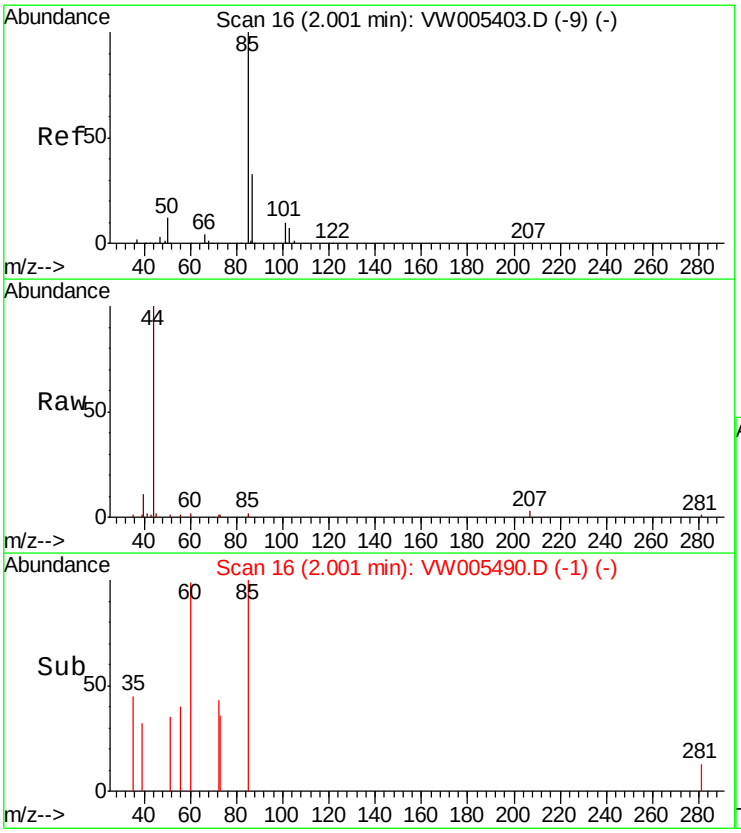
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument :
MSVOA_W
ClientSampleId :
138-KV-2RE

Tgt Ion:168 Resp: 125718

Ion	Ratio	Lower	Upper
168	100		
99	55.2	45.0	67.6

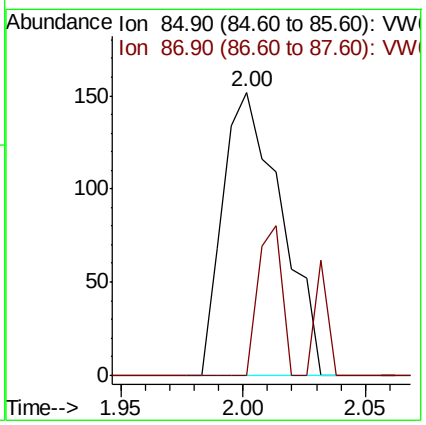


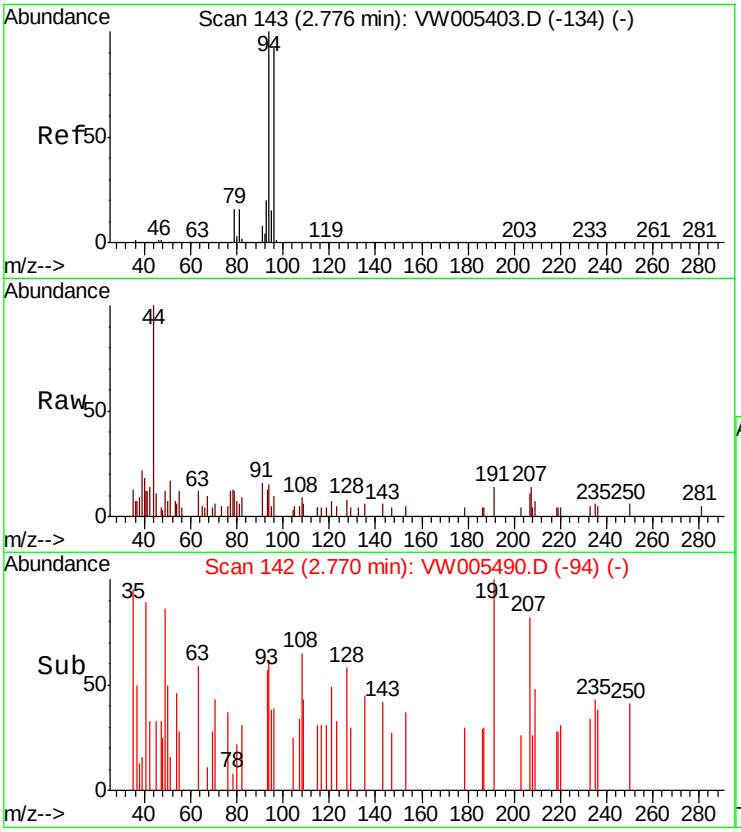


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.00 min Scan# 16
Delta R.T. 0.00 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion: 85 Resp: 252

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.4	49.1#



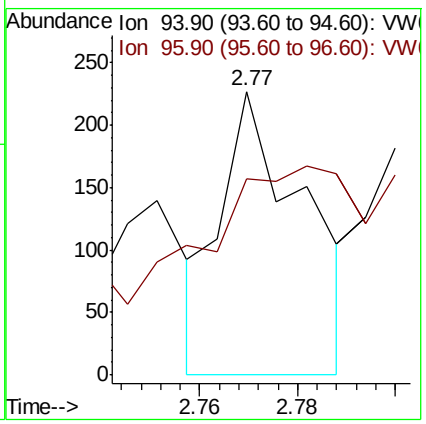


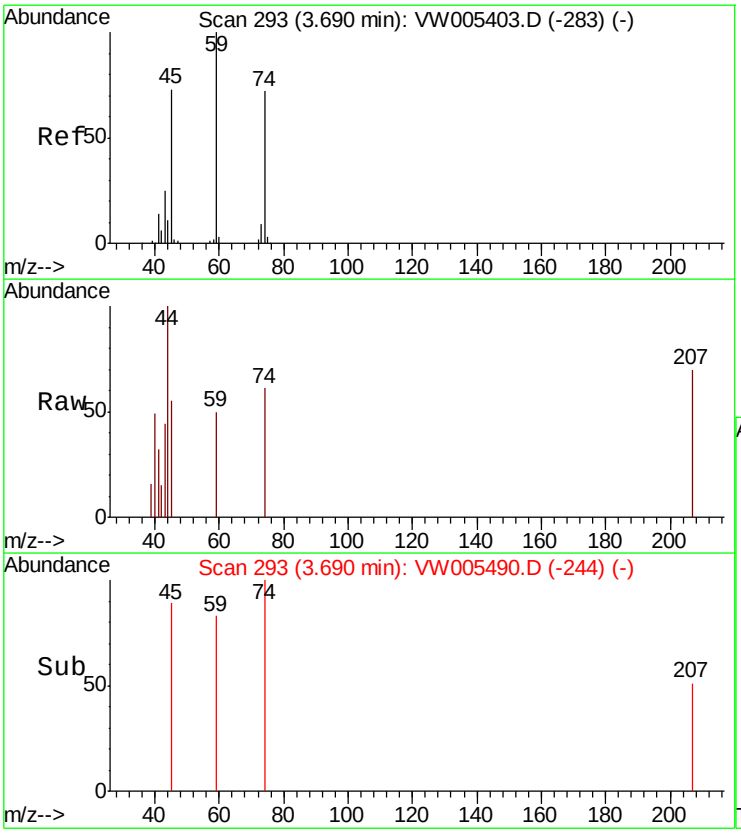
#5
Bromomethane
Concen: Below Cal
RT: 2.77 min Scan# 142
Delta R.T. -0.01 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument :
MSVOA_W
ClientSampleId :
138-KV-2RE

Tgt Ion: 94 Resp: 267

Ion	Ratio	Lower	Upper
94	100		
96	39.6	73.7	110.5#

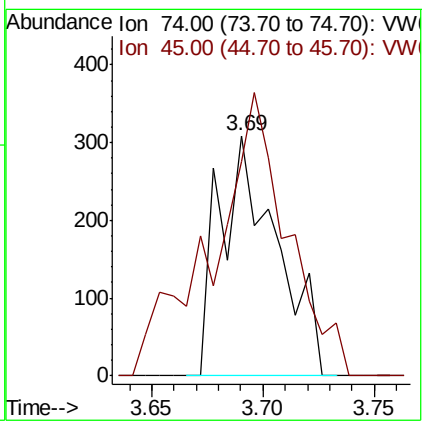


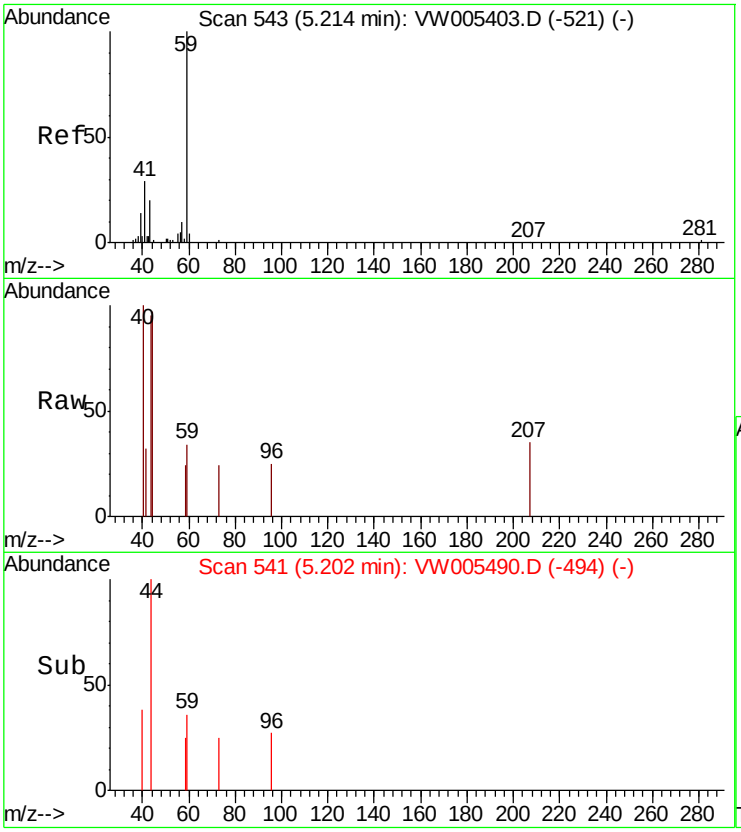


#8
Diethyl Ether
Concen: 1.005 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion: 74 Resp: 550

Ion	Ratio	Lower	Upper
74	100		
45	155.8	53.1	159.3



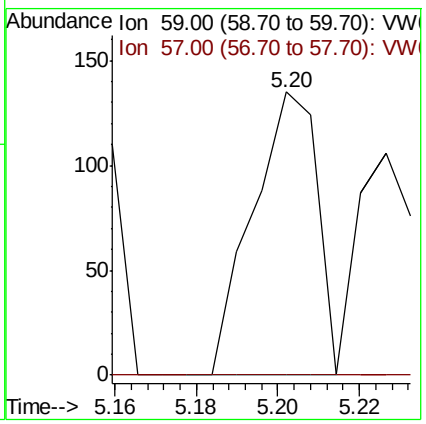


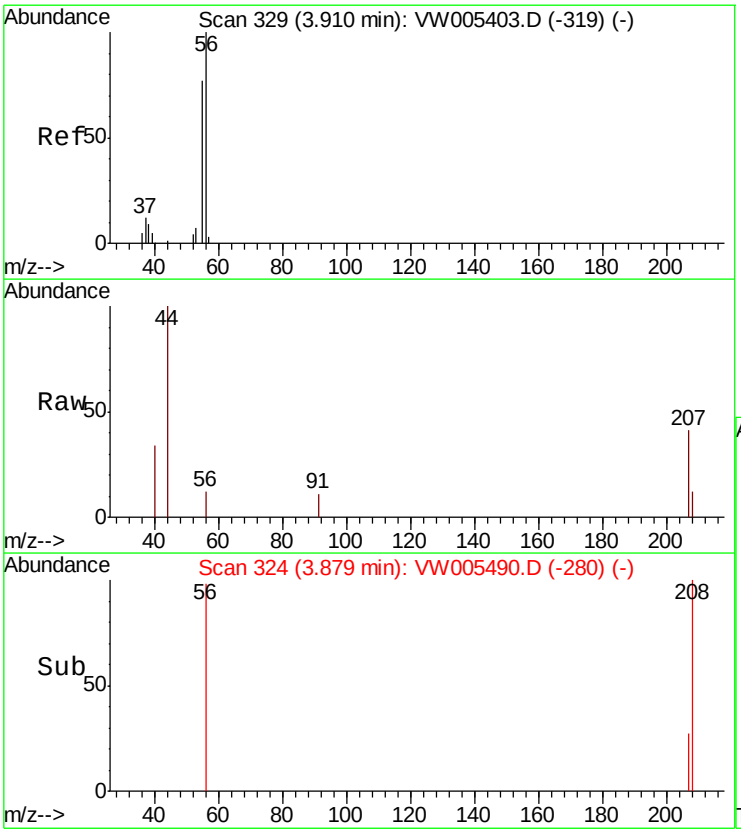
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.20 min Scan# 541
Delta R.T. -0.01 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument :
MSVOA_W
ClientSampleId :
138-KV-2RE

Tgt Ion: 59 Resp: 149

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

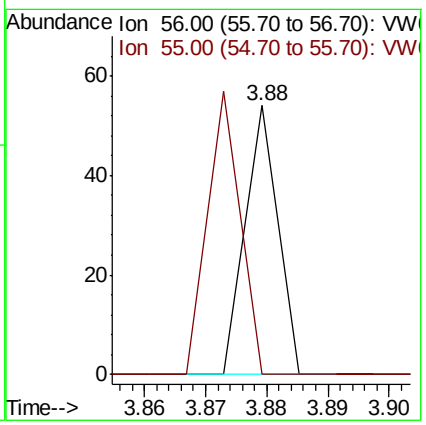


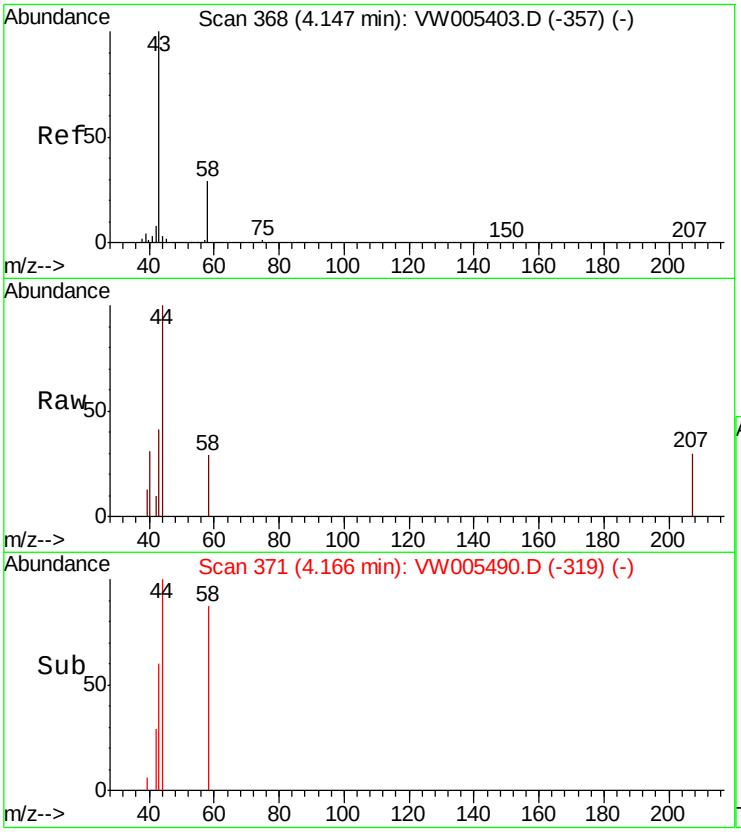


#13
Acrolein
Concen: Below Cal
RT: 3.88 min Scan# 324
Delta R.T. -0.03 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion: 56 Resp: 20

Ion	Ratio	Lower	Upper
56	100		
55	105.0	59.8	89.8#



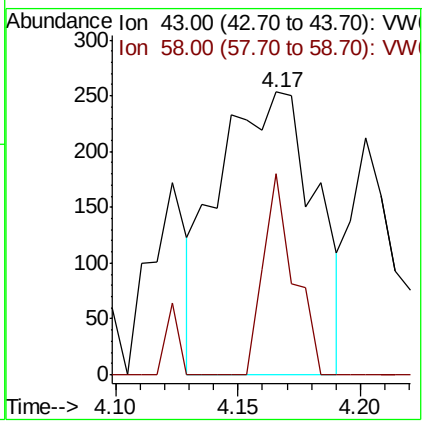


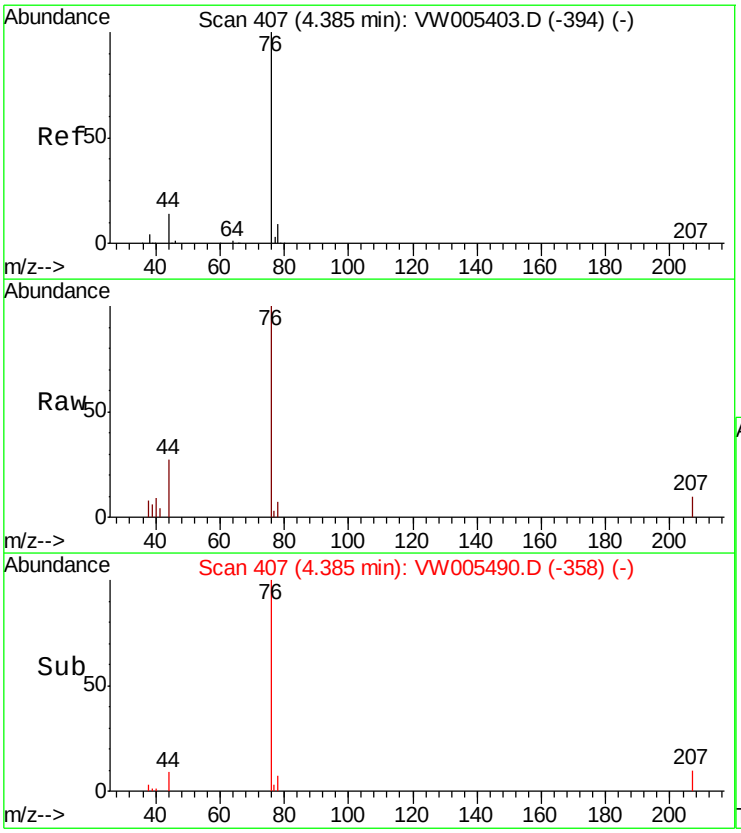
#16
Acetone
Concen: Below Cal
RT: 4.17 min Scan# 371
Delta R.T. 0.02 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument : MSVOA_W
ClientSampleId : 138-KV-2RE

Tgt Ion: 43 Resp: 701

Ion	Ratio	Lower	Upper
43	100		
58	125.0	22.8	34.2#

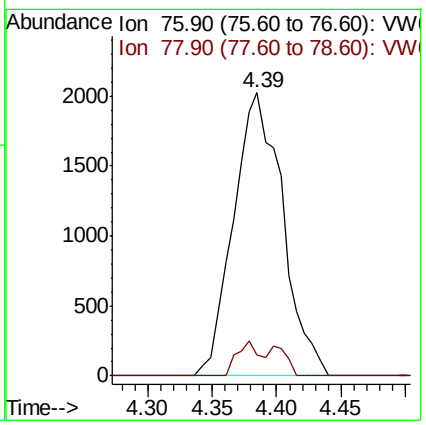


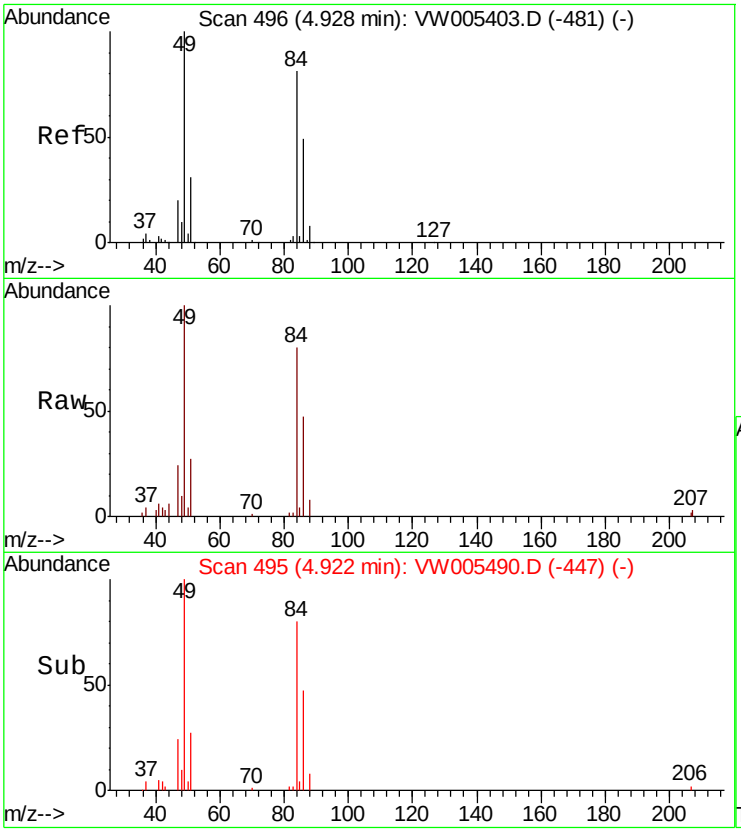


#17
Carbon Disulfide
Concen: 1.559 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion: 76 Resp: 5341

Ion	Ratio	Lower	Upper
76	100		
78	7.4	7.4	11.0



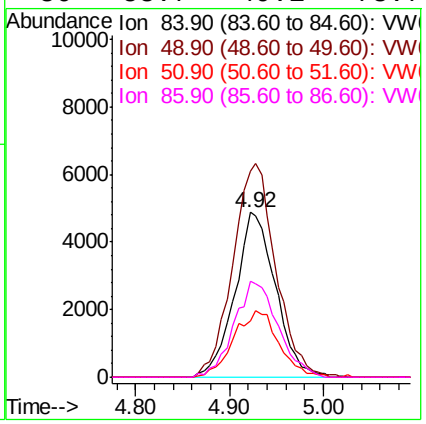


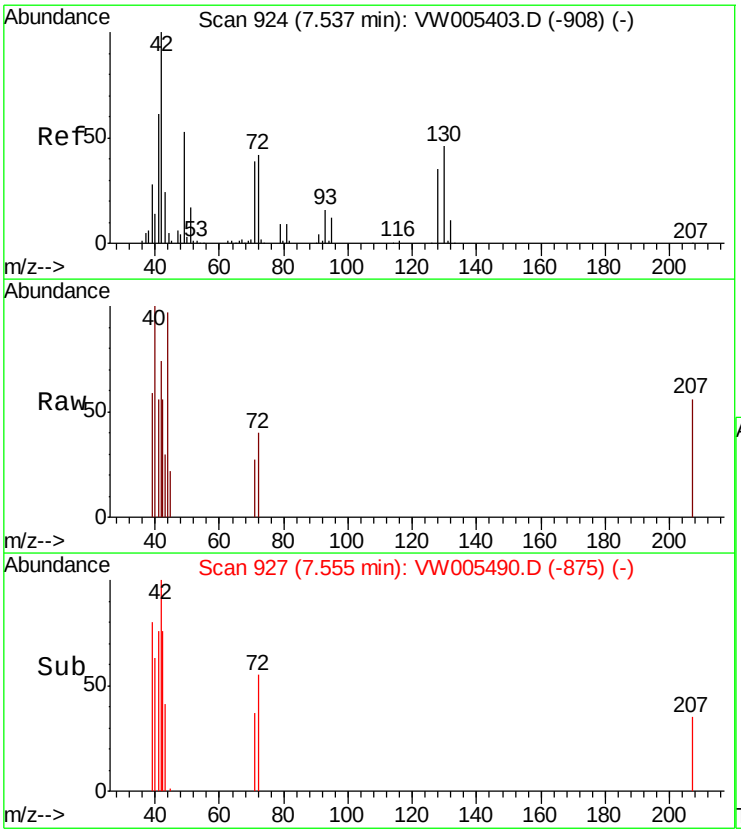
#20
Methylene Chloride
Concen: 6.342 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument : MSVOA_W
ClientSampleId : 138-KV-2RE

Tgt Ion: 84 Resp: 14700

Ion	Ratio	Lower	Upper
84	100		
49	125.5	99.3	148.9
51	34.2	31.1	46.7
86	58.7	49.1	73.7

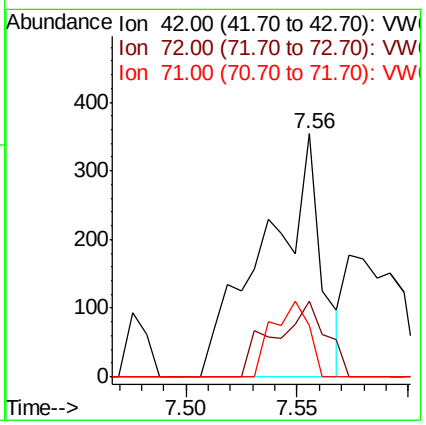


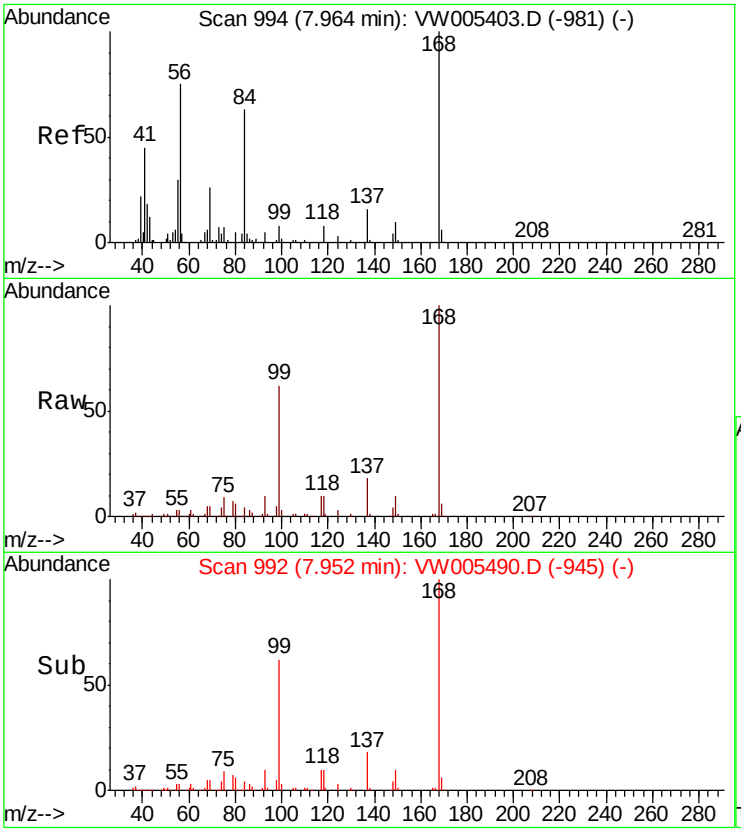


#29
Tetrahydrofuran
Concen: 3.070 ug/l
RT: 7.56 min Scan# 927
Delta R.T. 0.02 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion: 42 Resp: 614

Ion	Ratio	Lower	Upper
42	100		
72	28.8	33.2	49.8#
71	20.2	31.0	46.6#



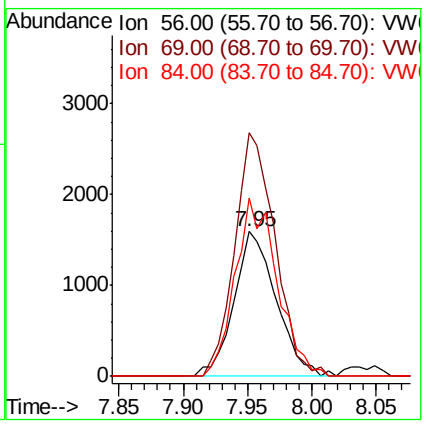


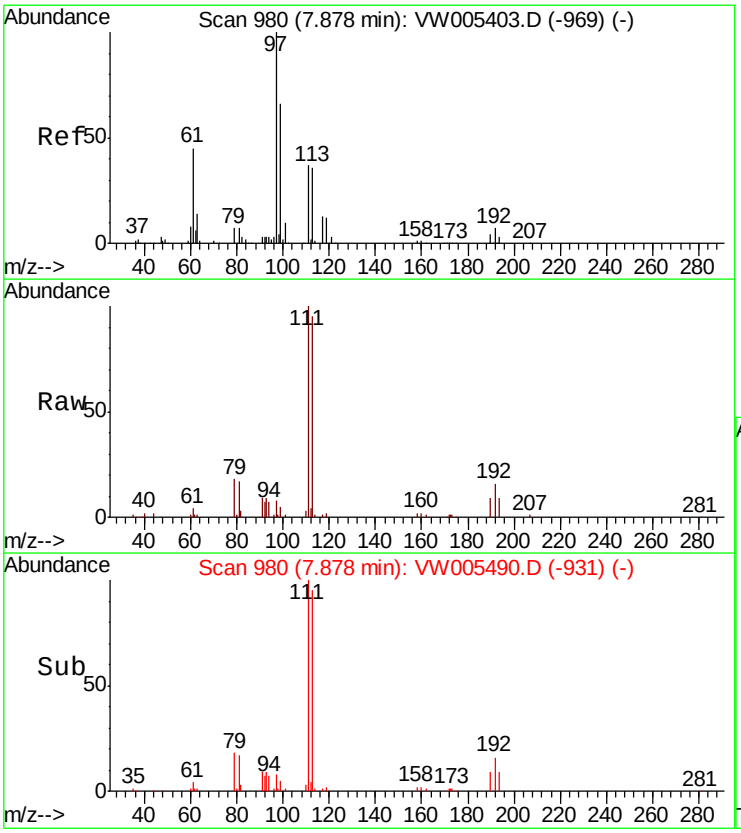
#31
Cyclohexane
Concen: 1.738 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument : MSVOA_W
ClientSampleId : 138-KV-2RE

Tgt Ion: 56 Resp: 3620

Ion	Ratio	Lower	Upper
56	100		
69	168.5	27.2	40.8#
84	123.1	66.7	100.1#

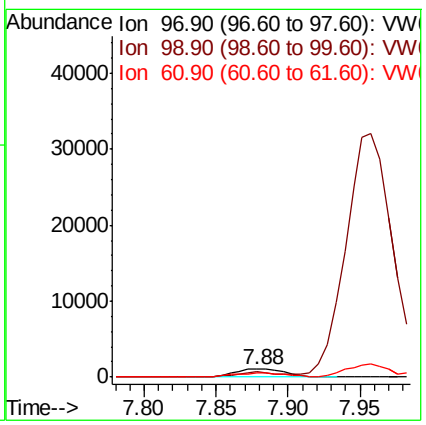


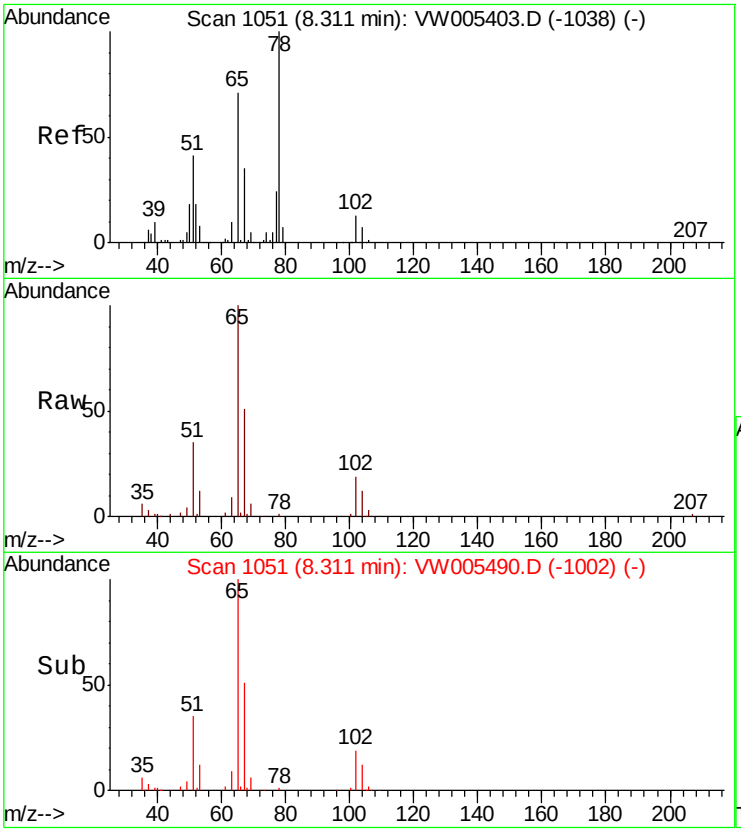


#32
1,1,1-Trichloroethane
Concen: 1.244 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion: 97 Resp: 2587

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	52.6	35.8	53.6



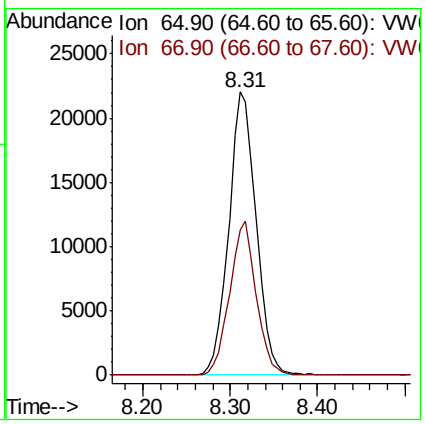


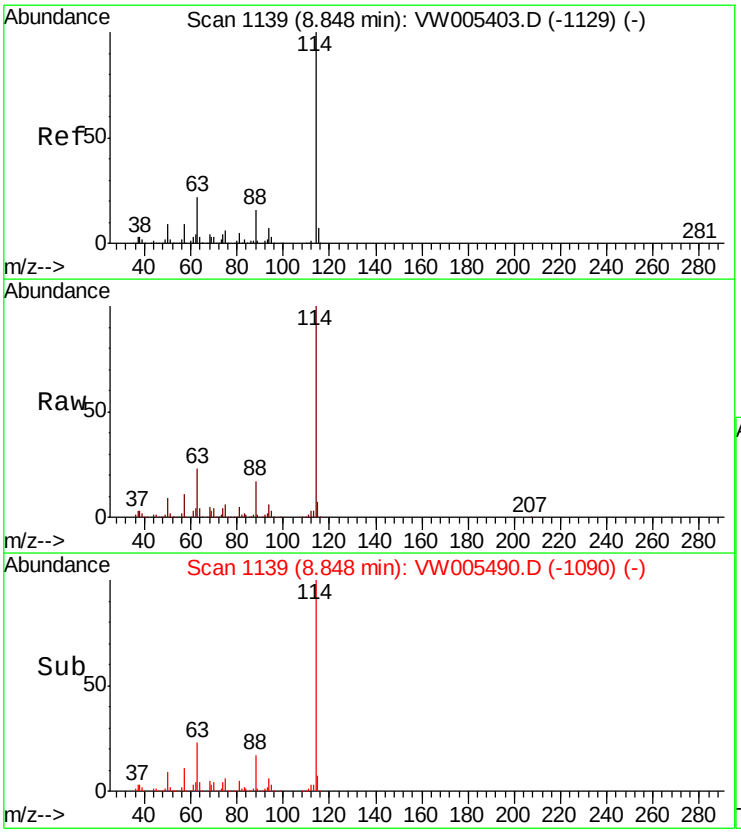
#33
1,2-Dichloroethane-d4
Concen: 36.839 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument :
MSVOA_W
ClientSampleId :
138-KV-2RE

Tgt Ion: 65 Resp: 48074

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	100.6

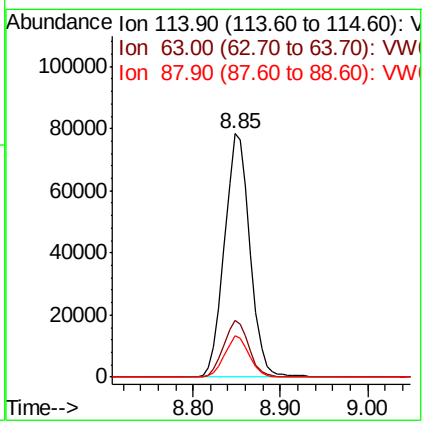


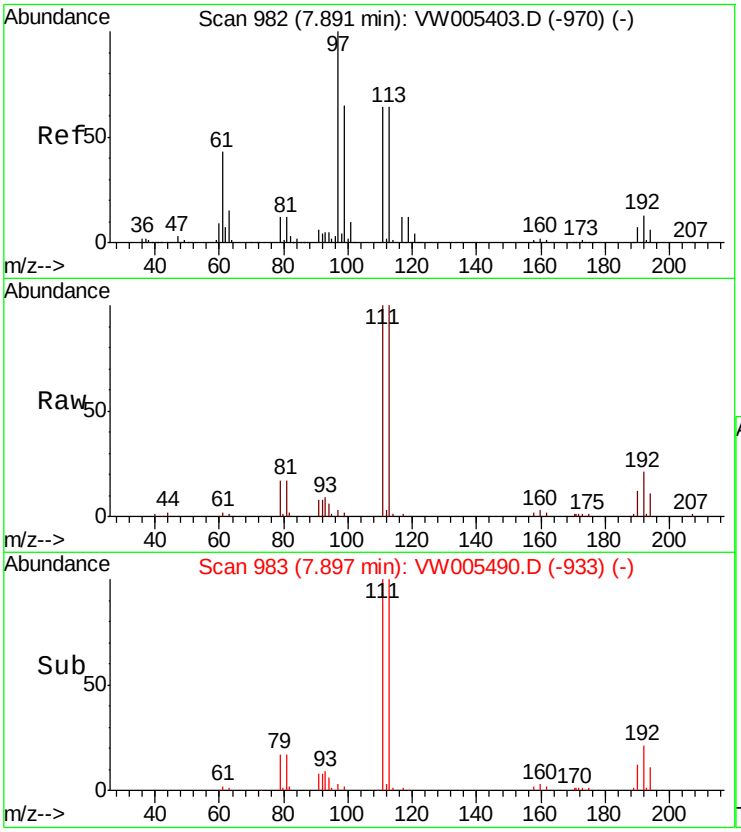


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion:114 Resp: 158724

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	43.4
88	16.8	0.0	31.8



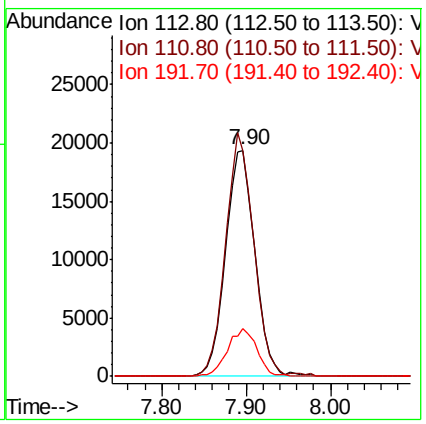


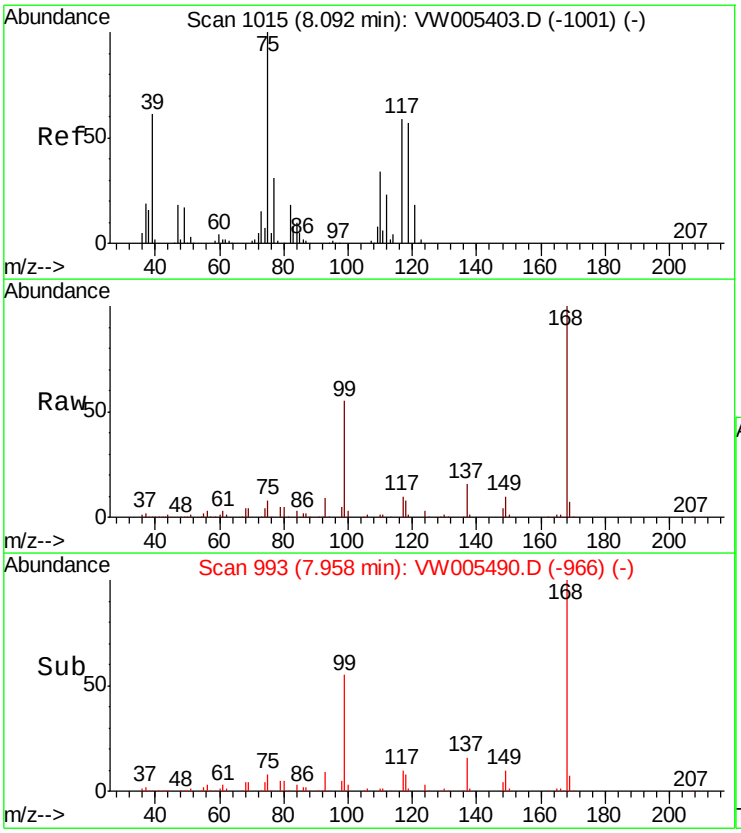
#35
Dibromofluoromethane
Concen: 51.458 ug/l
RT: 7.90 min Scan# 983
Delta R.T. 0.01 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument :
MSVOA_W
ClientSampleId :
138-KV-2RE

Tgt Ion:113 Resp: 45795

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.3	123.5
192	20.9	16.5	24.7

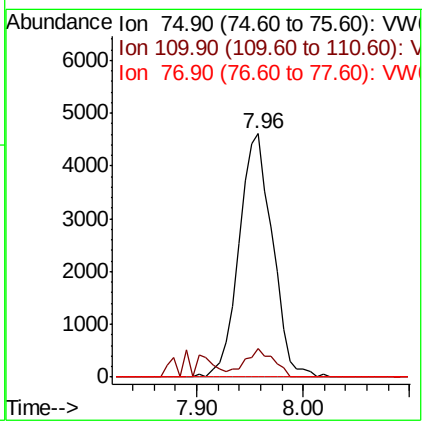


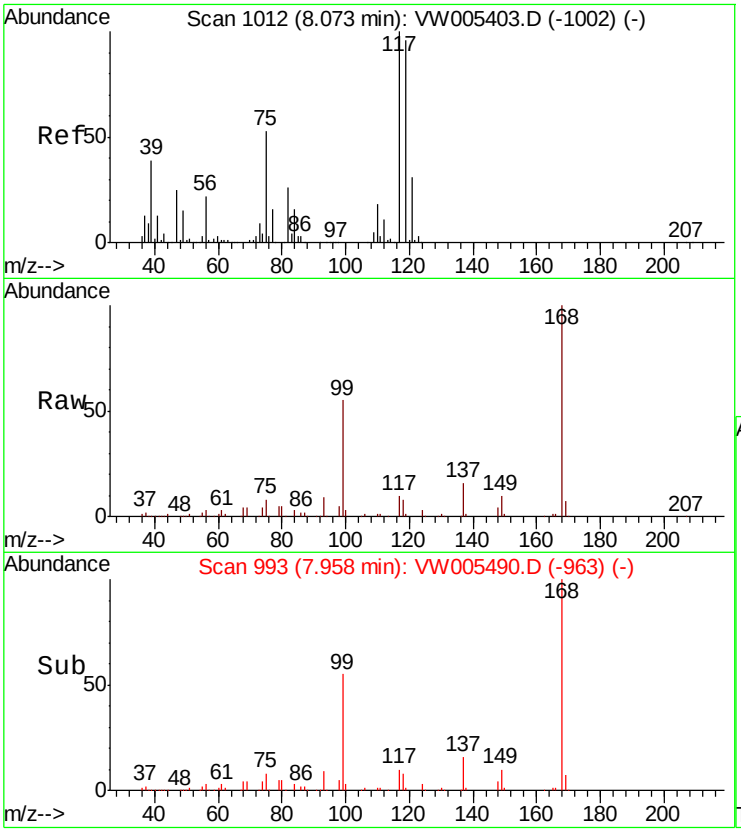


#36
1,1-Dichloropropene
Concen: 6.771 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.13 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion: 75 Resp: 10171

Ion	Ratio	Lower	Upper
75	100		
110	10.0	16.8	50.4#
77	0.0	24.2	36.4#



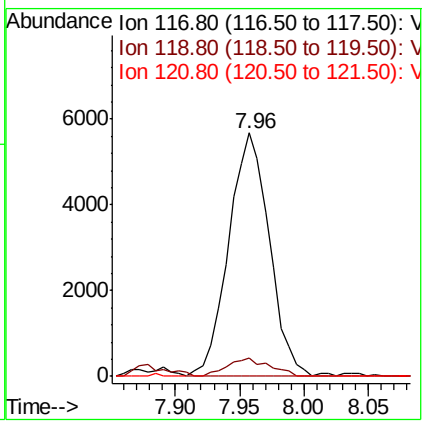


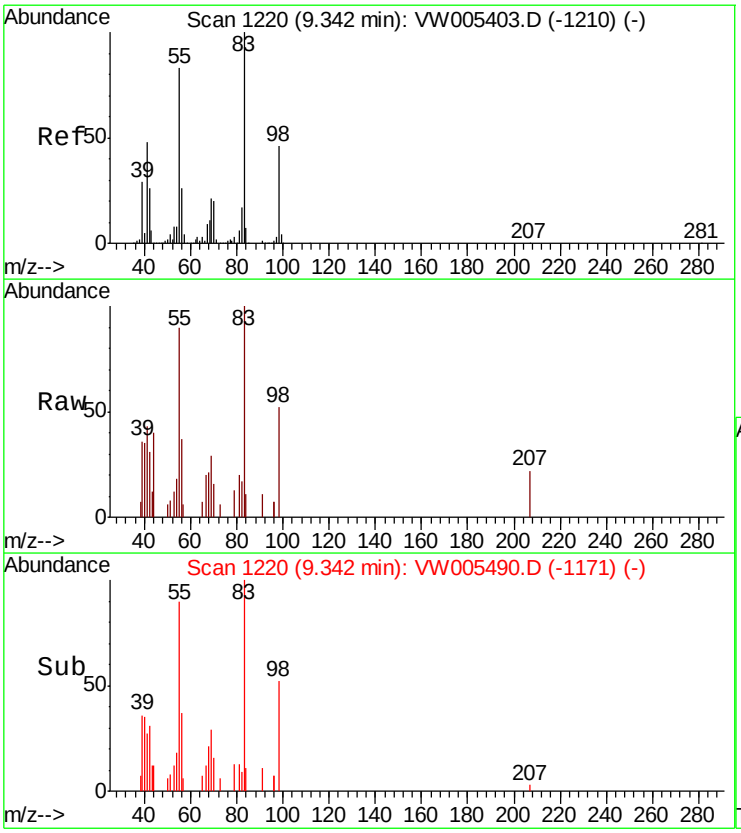
#38
Carbon Tetrachloride
Concen: 7.956 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.12 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument : MSVOA_W
ClientSampleId : 138-KV-2RE

Tgt Ion:117 Resp: 12453

Ion	Ratio	Lower	Upper
117	100		
119	7.7	76.8	115.2#
121	0.0	24.7	37.1#

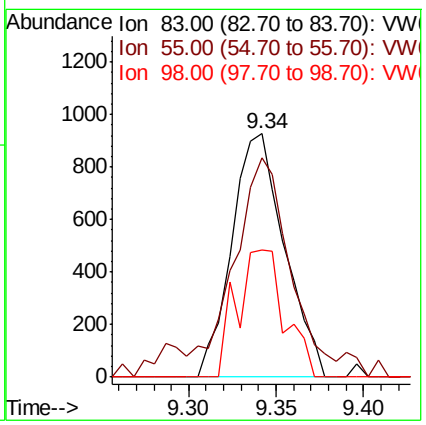


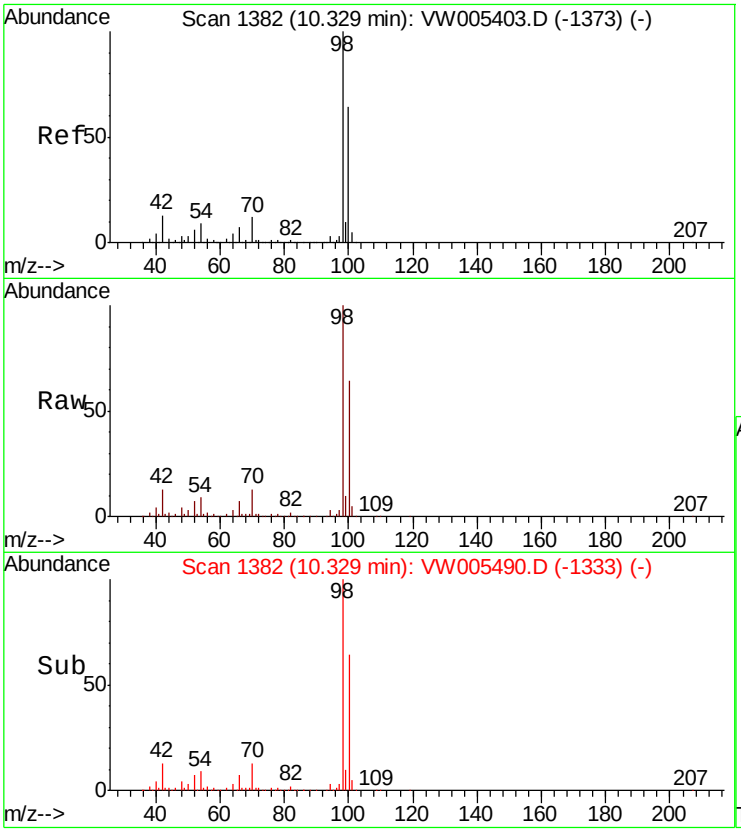


#39
Methylcyclohexane
Concen: 1.117 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion: 83 Resp: 1950

Ion	Ratio	Lower	Upper
83	100		
55	83.8	66.1	99.1
98	52.4	36.7	55.1



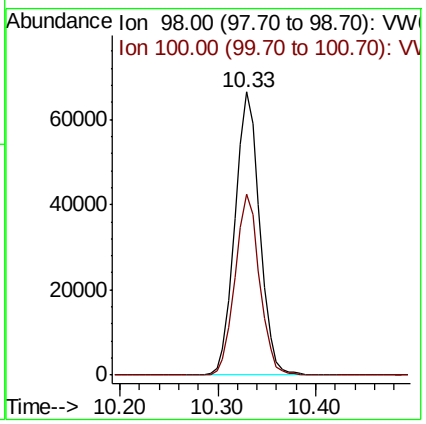


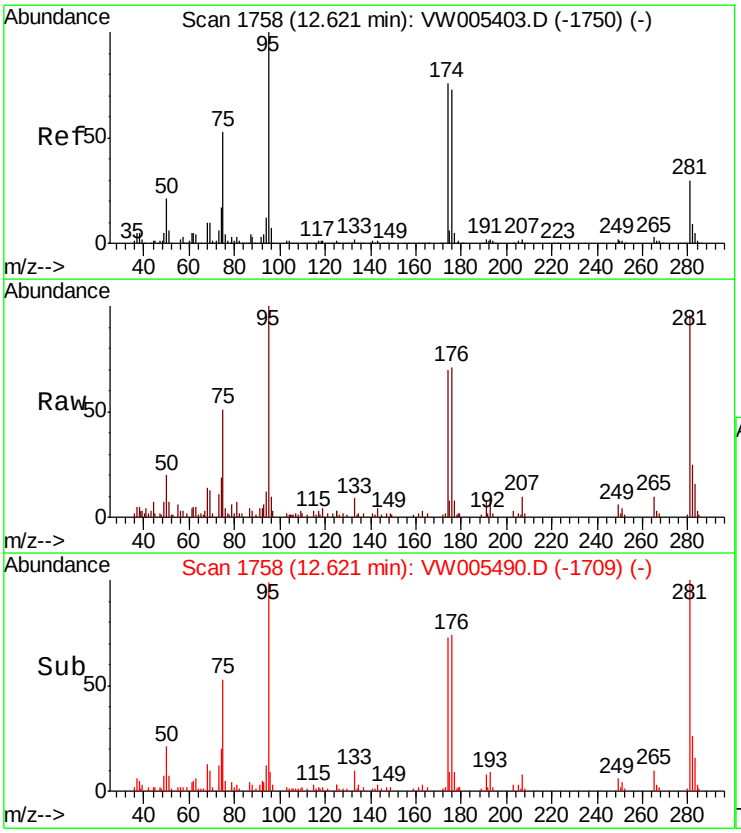
#50
Toluene-d8
Concen: 28.645 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument :
MSVOA_W
ClientSampleId :
138-KV-2RE

Tgt Ion: 98 Resp: 116743

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.4	77.0

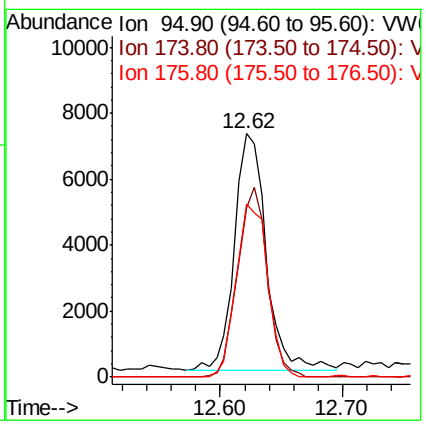


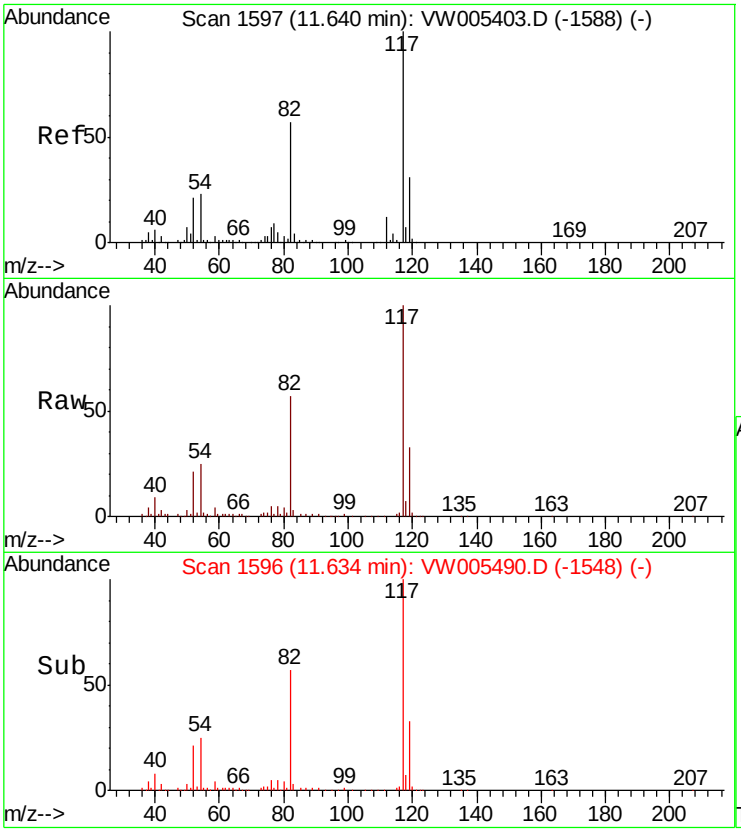


#62
4-Bromofluorobenzene
Concen: 8.626 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion: 95 Resp: 12890

Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	161.2
176	72.5	0.0	156.6



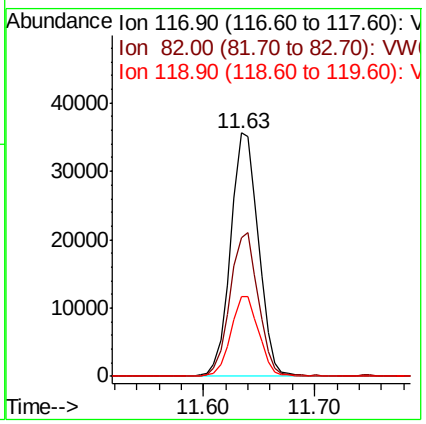


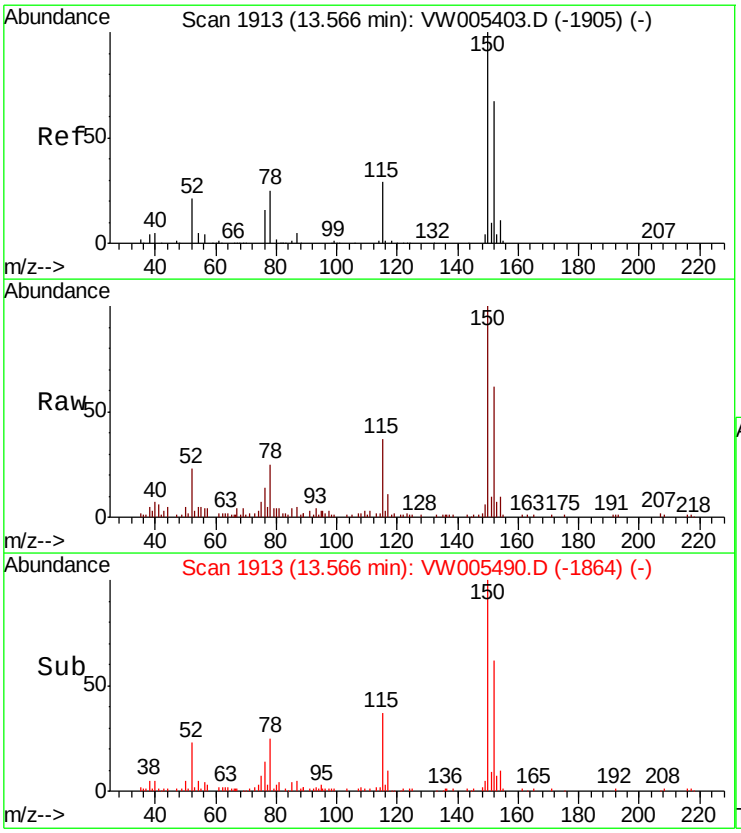
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument : MSVOA_W
ClientSampleId : 138-KV-2RE

Tgt Ion:117 Resp: 61845

Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.9	68.9
119	32.7	24.8	37.2

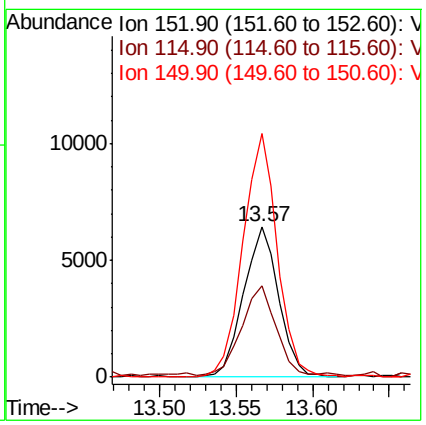


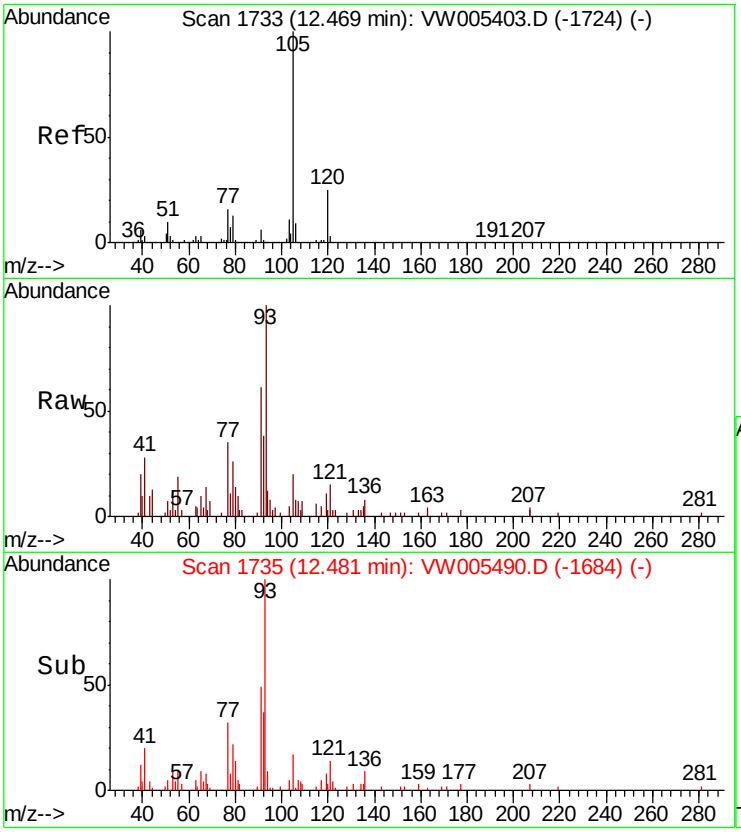


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion:152 Resp: 10284

Ion	Ratio	Lower	Upper
152	100		
115	56.9	29.5	88.5
150	157.6	0.0	345.6



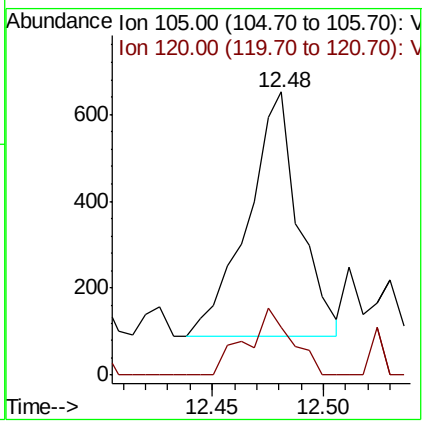


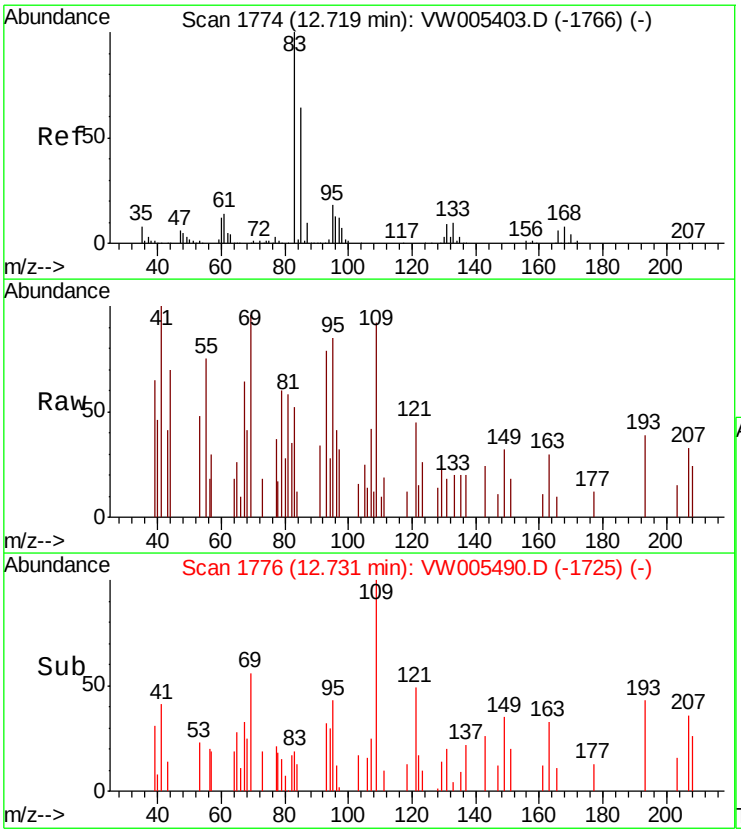
#73
Isopropylbenzene
Concen: 1.256 ug/l
RT: 12.48 min Scan# 1735
Delta R.T. 0.01 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument : MSVOA_W
ClientSampleId : 138-KV-2RE

Tgt Ion:105 Resp: 906

Ion	Ratio	Lower	Upper
105	100		
120	24.1	12.9	38.6

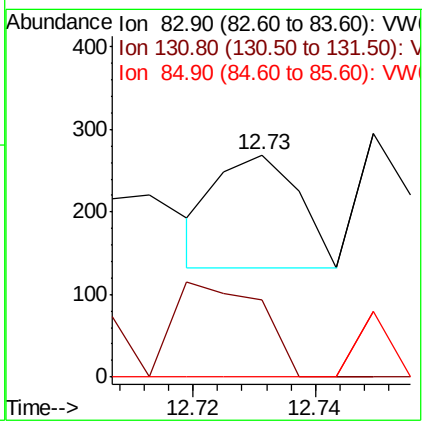


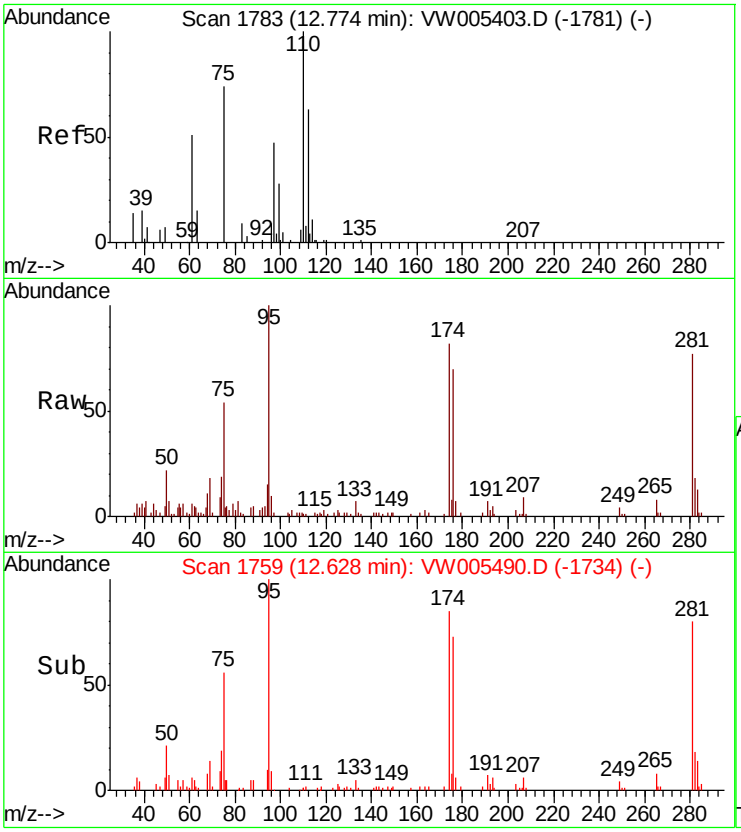


#75
1,1,2,2-Tetrachloroethane
Concen: 1.188 ug/l
RT: 12.73 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion: 83 Resp: 125

Ion	Ratio	Lower	Upper
83	100		
131	90.4	5.7	17.1#
85	0.0	31.6	95.0#



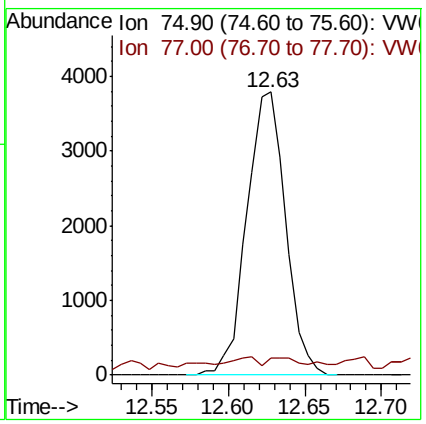


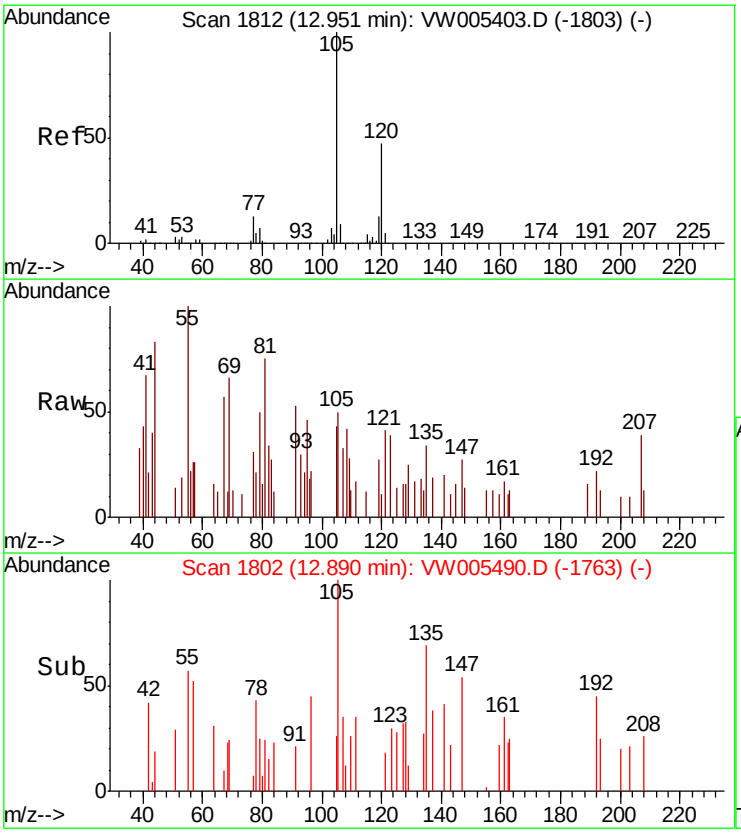
#76
1,2,3-Trichloropropane
Concen: 79.247 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. -0.15 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument : MSVOA_W
ClientSampleId : 138-KV-2RE

Tgt Ion: 75 Resp: 6703

Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#

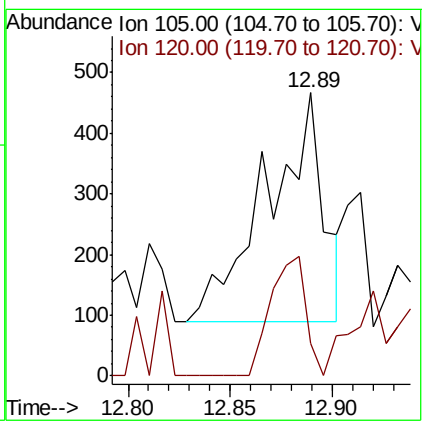


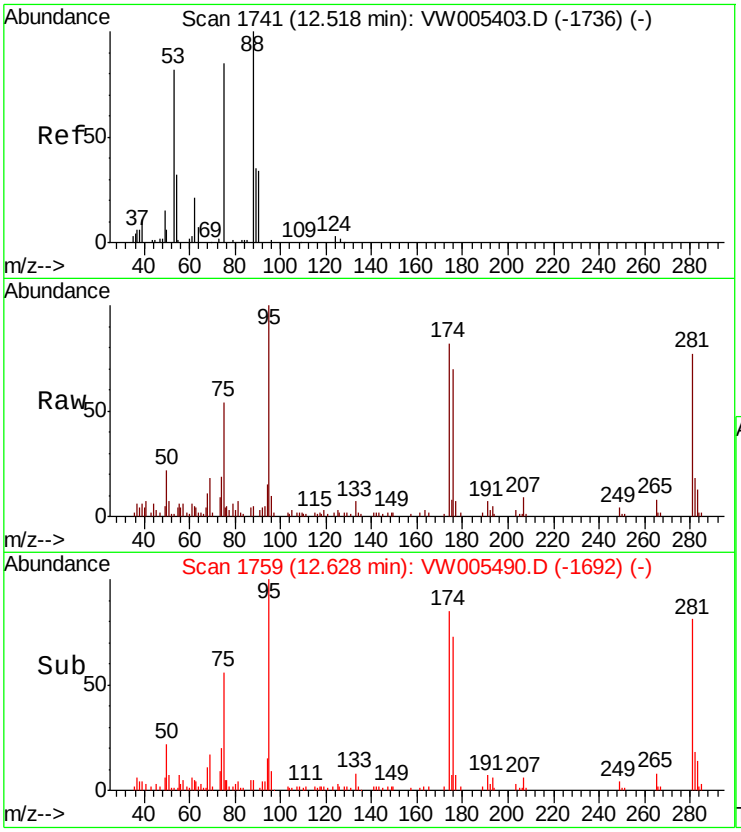


#80
1,3,5-Trimethylbenzene
Concen: 1.168 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.06 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion:105 Resp: 735

Ion	Ratio	Lower	Upper
105	100		
120	32.2	23.5	70.5



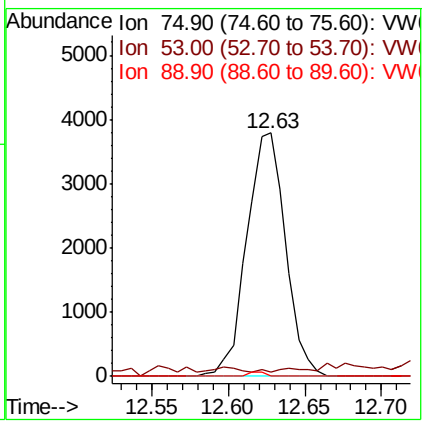


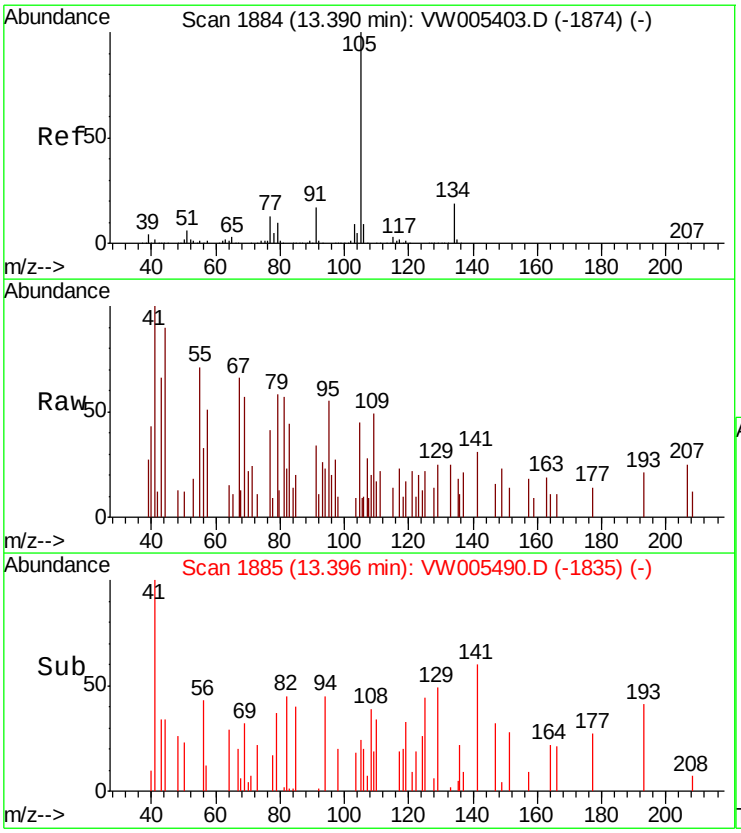
#81
trans-1,4-Dichloro-2-butene
Concen: 205.572 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.11 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument :
MSVOA_W
ClientSampleId :
138-KV-2RE

Tgt Ion: 75 Resp: 6703

Ion	Ratio	Lower	Upper
75	100		
53	1.5	83.2	124.8#
89	0.0	36.6	54.8#

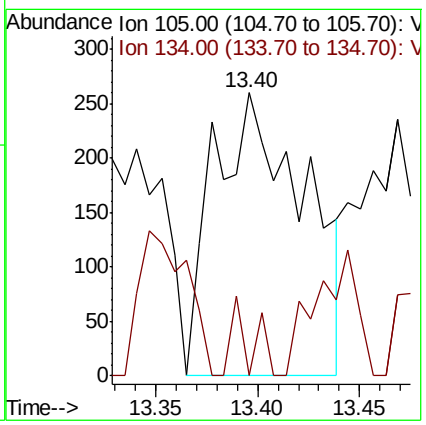


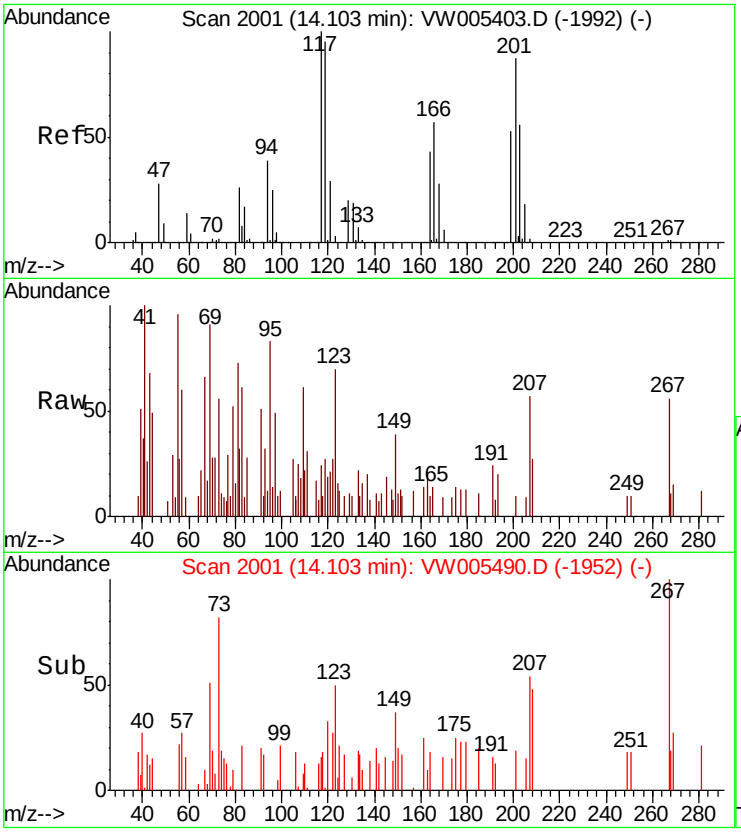


#85
sec-Butylbenzene
Concen: 1.065 ug/l
RT: 13.40 min Scan# 1885
Delta R.T. 0.01 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion:105 Resp: 805

Ion	Ratio	Lower	Upper
105	100		
134	6.0	9.8	29.5#



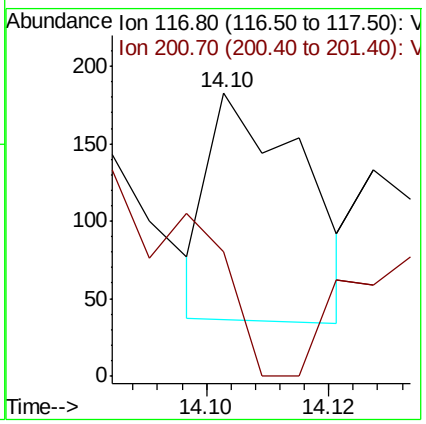


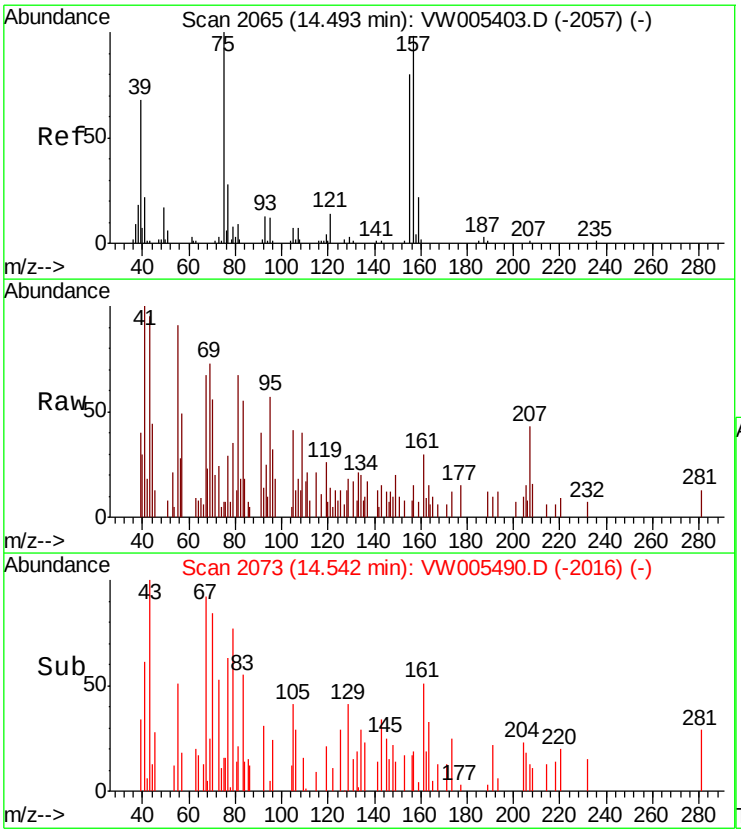
#90
Hexachloroethane
Concen: 1.365 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument :
MSVOA_W
ClientSampleId :
138-KV-2RE

Tgt Ion:117 Resp: 158

Ion	Ratio	Lower	Upper
117	100		
201	103.2	42.5	127.5

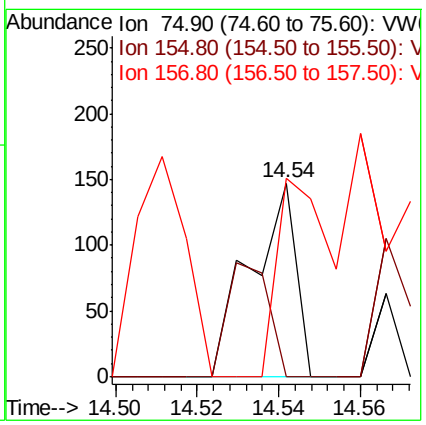


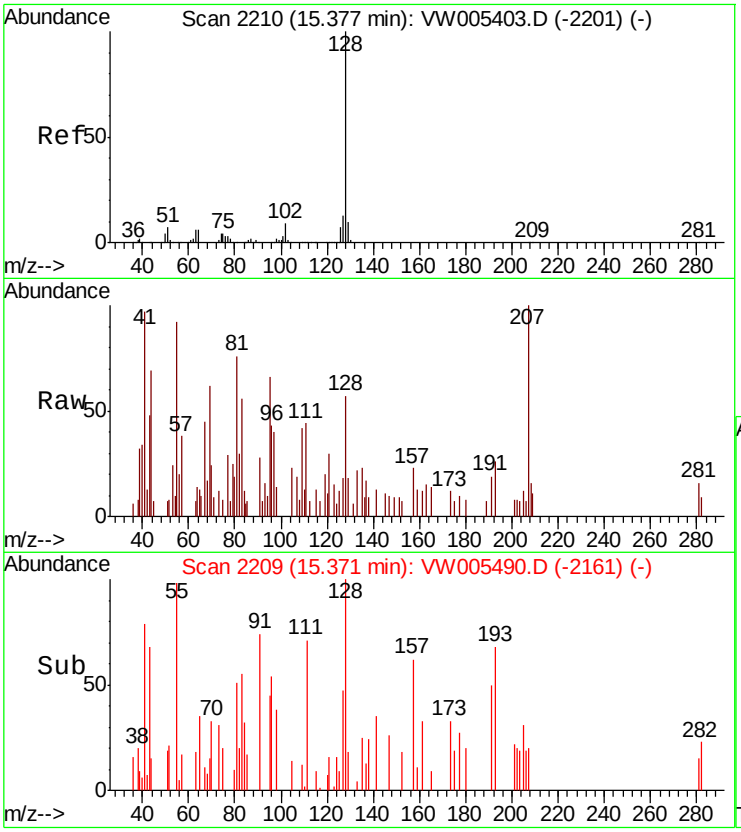


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.689 ug/l
RT: 14.54 min Scan# 2073
Delta R.T. 0.05 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion: 75 Resp: 115

Ion	Ratio	Lower	Upper
75	100		
155	53.0	39.0	117.0
157	117.4	49.9	149.6





#95
Naphthalene
Concen: 3.296 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument :
MSVOA_W
ClientSampleId :
138-KV-2RE

Tgt Ion:128 Resp: 1108

Ion	Ratio	Lower	Upper
128	100		
127	17.6	11.0	16.4#
129	8.0	8.7	13.1#