Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
Data File : VW005431.D
Acq On : 17 Sep 2018 14:13
Operator : SY/AP
Sample : J4773-03
Misc : 6.67G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : CL-01-091418-B

Quant Time: Sep 18 01:02:41 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	234216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	369900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	348251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	150825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116620	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.94%			
35) Dibromofluoromethane	7.90	113	91938	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.66%			
50) Toluene-d8	10.33	98	400036	42.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.24%			
62) 4-Bromofluorobenzene	12.62	95	147243	42.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	183	Below Cal		90
5) Bromomethane	2.78	94	235	Below Cal	#	67
8) Diethyl Ether	3.69	74	1870	1.834	ug/l	100
10) Methyl Iodide	4.28	142	132	4.099	ug/l #	59
11) Tert butyl alcohol	5.22	59	176	Below Cal	#	71
16) Acetone	4.14	43	15184	27.386	ug/l	100
20) Methylene Chloride	4.93	84	11763	Below Cal	#	96
25) 2-Butanone	7.19	43	2064	3.529	ug/l #	81
29) Tetrahydrofuran	7.54	42	777	2.086	ug/l #	79
31) Cyclohexane	7.95	56	5606	1.445	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	17949	5.127	ug/l #	52
38) Carbon Tetrachloride	7.95	117	22632	6.204	ug/l #	17
52) Toluene	10.39	92	7718	1.124	ug/l	95
59) 2-Hexanone	10.94	43	3735	3.834	ug/l #	32
68) m/p-Xylenes	11.84	106	6876	1.375	ug/l	96
69) o-Xylene	12.18	106	4910	1.054	ug/l	83
75) 1,1,2,2-Tetrachloroethane	12.73	83	52817	34.216	ug/l #	27
76) 1,2,3-Trichloropropane	12.62	75	73505	59.254	ug/l #	100
77) Bromobenzene	12.94	156	172250	68.853	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	73505	153.709	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.26	105	13197	1.408	ug/l	81
89) n-Butylbenzene	13.77	91	9415	1.020	ug/l #	39
95) Naphthalene	15.38	128	1139269	231.096	ug/l	99

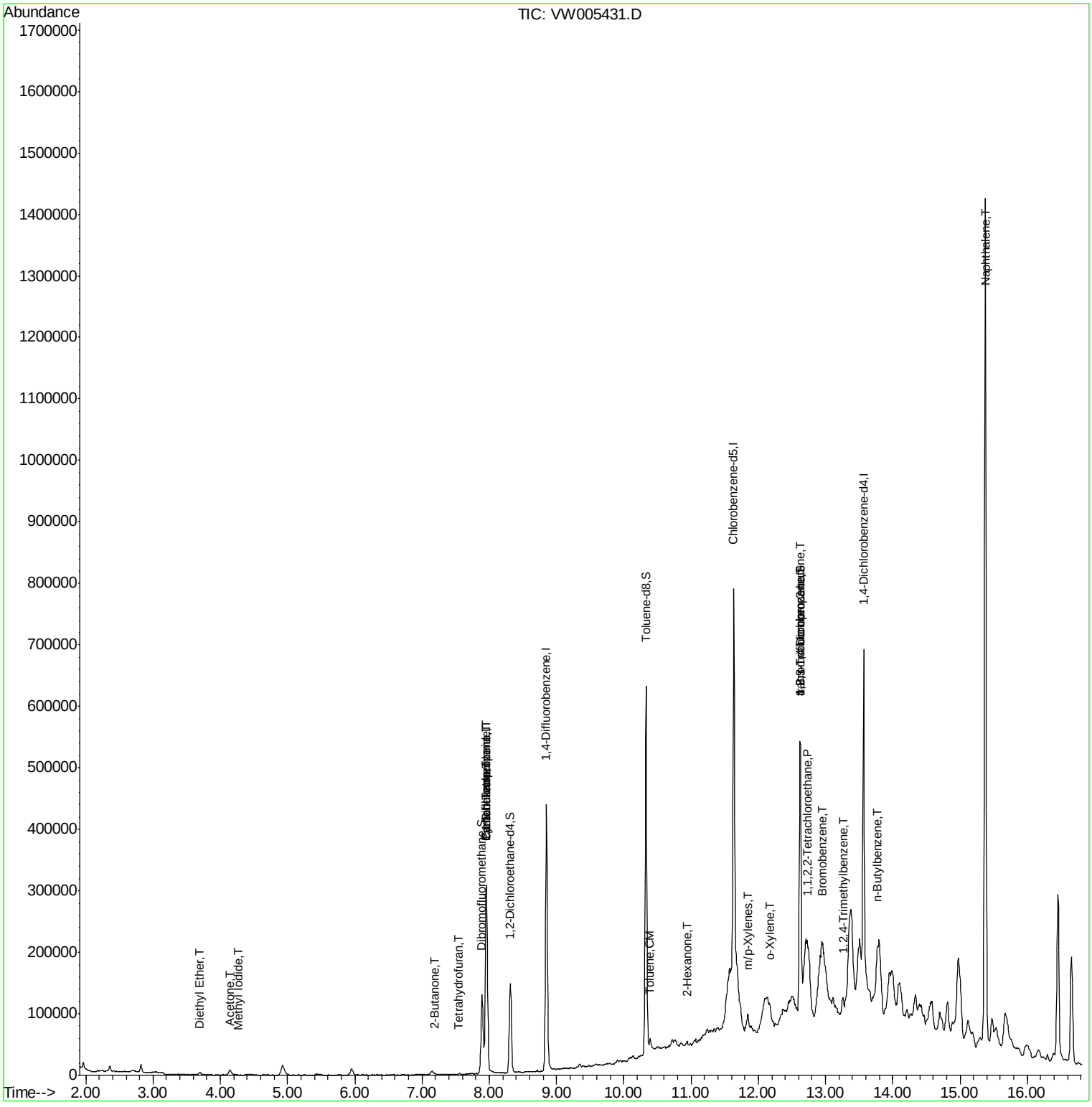
(#) = qualifier out of range (m) = manual integration (+) = signals summed

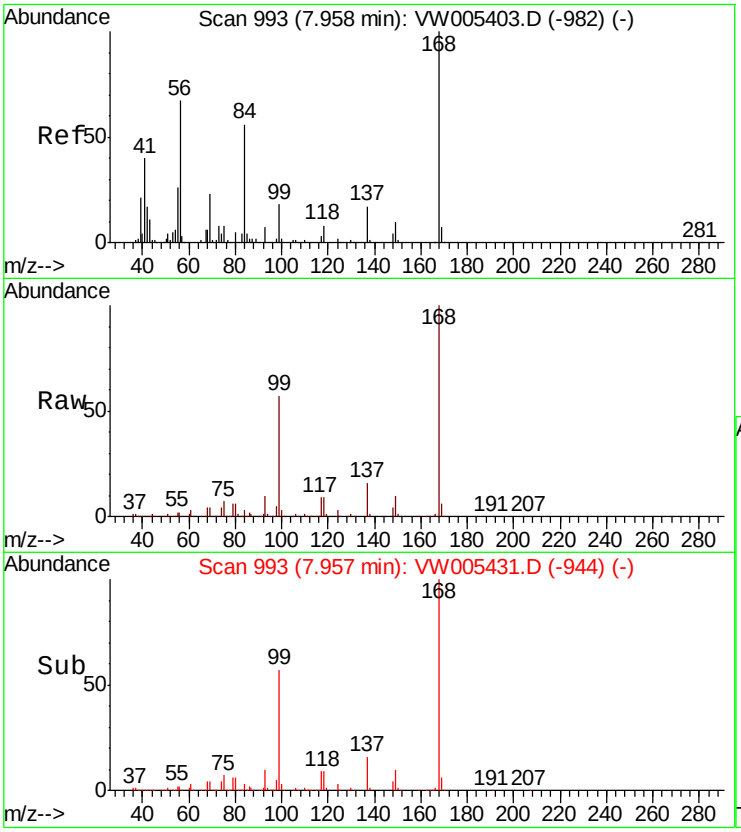
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
Data File : VW005431.D
Acq On : 17 Sep 2018 14:13
Operator : SY/AP
Sample : J4773-03
Misc : 6.67G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-B

Quant Time: Sep 18 01:02:41 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



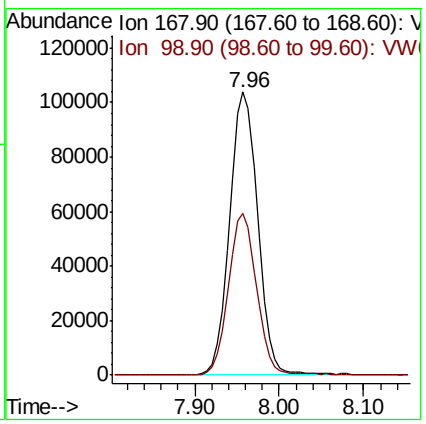


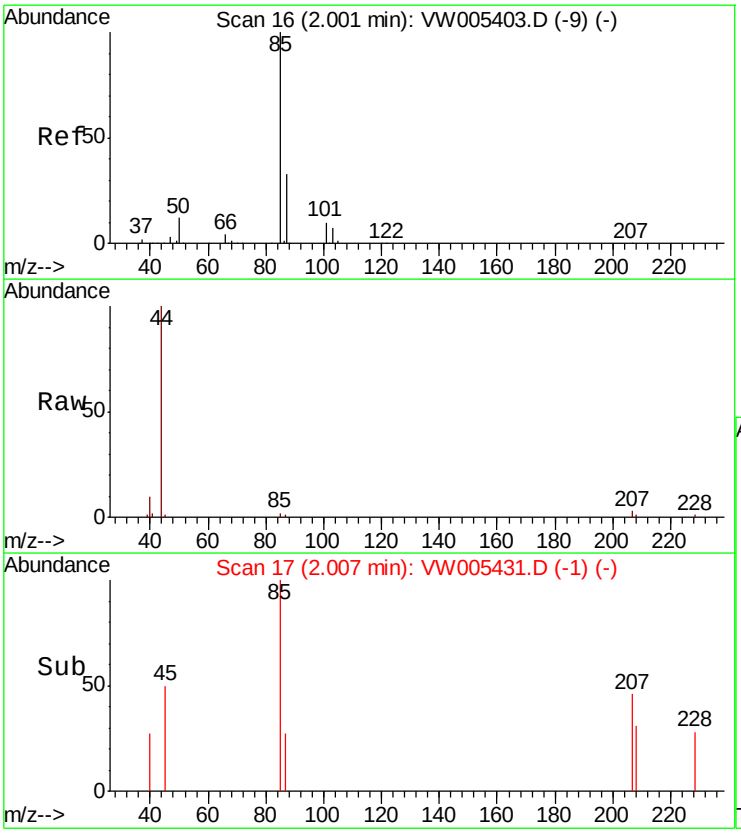
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-B

Tgt Ion:168 Resp: 234216

Ion	Ratio	Lower	Upper
168	100		
99	57.2	45.0	67.6

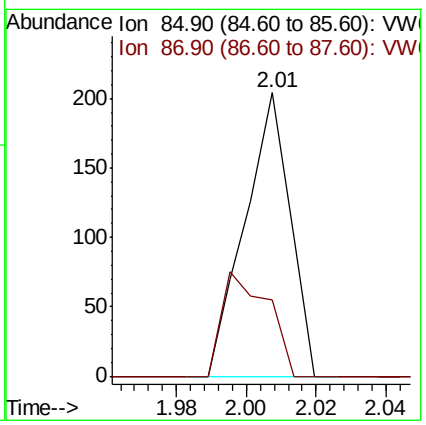


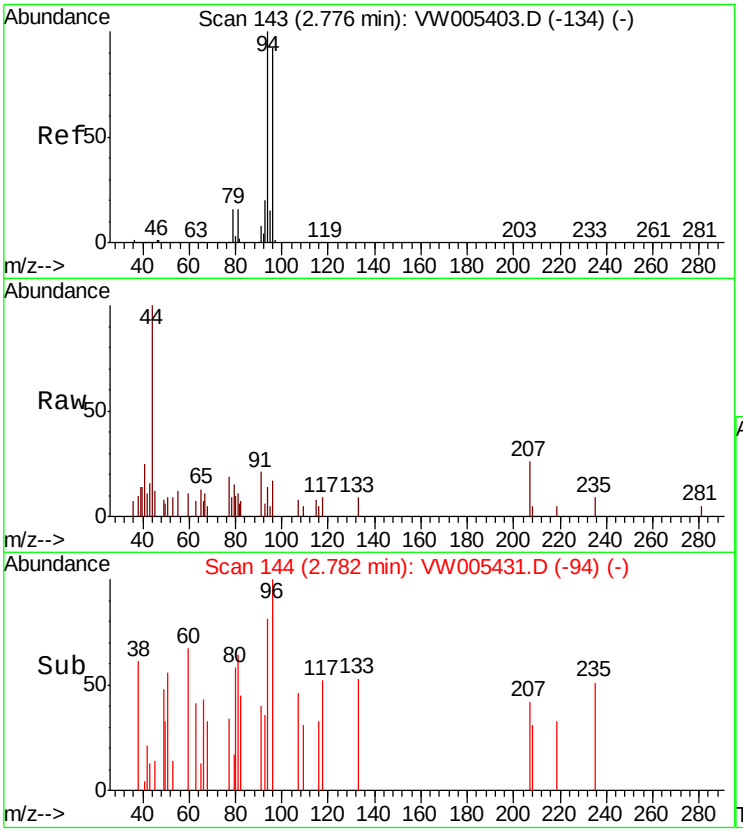


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.01 min Scan# 17
Delta R.T. 0.01 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 85 Resp: 183

Ion	Ratio	Lower	Upper
85	100		
87	27.0	16.4	49.1



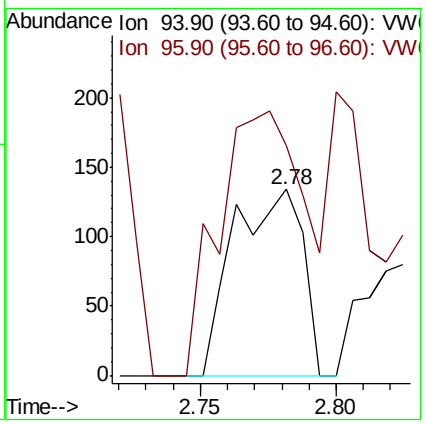


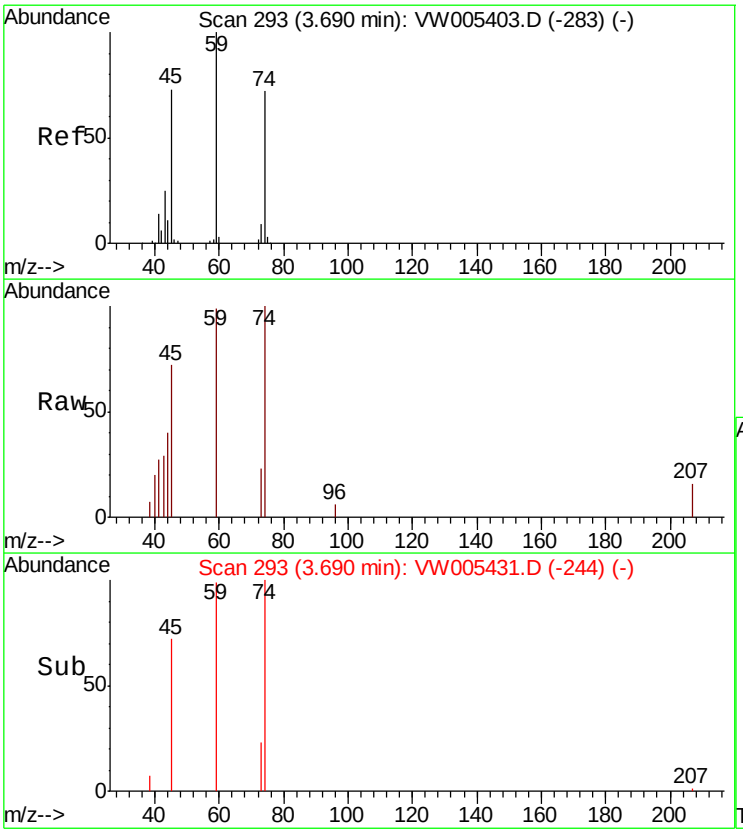
#5
Bromomethane
Concen: Below Cal
RT: 2.78 min Scan# 144
Delta R.T. 0.01 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Instrument : MSVOA_W
ClientSampleId : CL-01-091418-B

Tgt Ion: 94 Resp: 235

Ion	Ratio	Lower	Upper
94	100		
96	123.9	73.7	110.5#

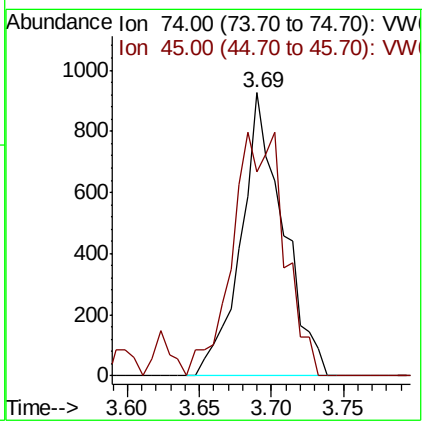


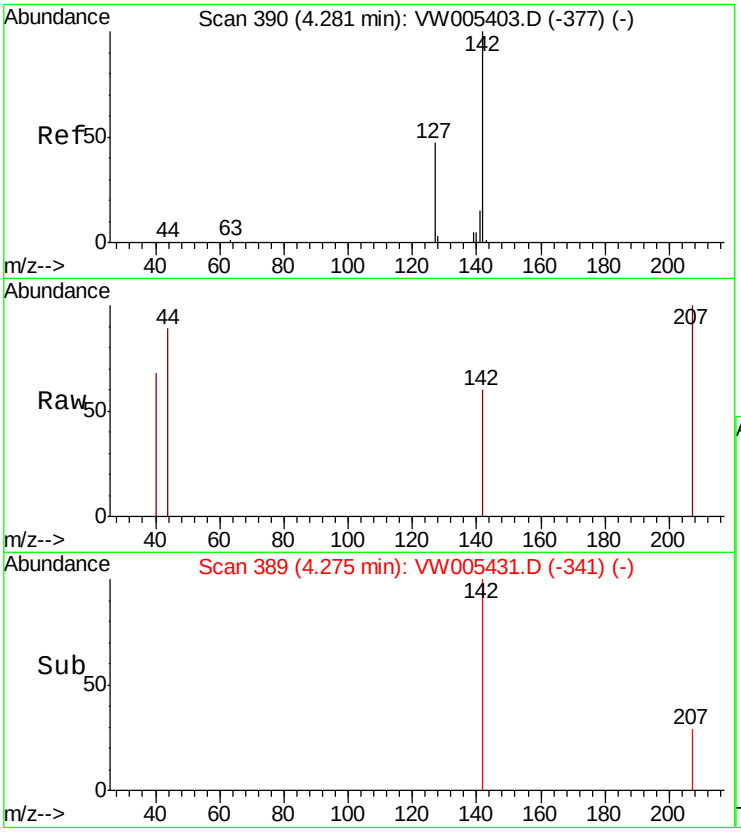


#8
Diethyl Ether
Concen: 1.834 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 74 Resp: 1870

Ion	Ratio	Lower	Upper
74	100		
45	106.6	53.1	159.3



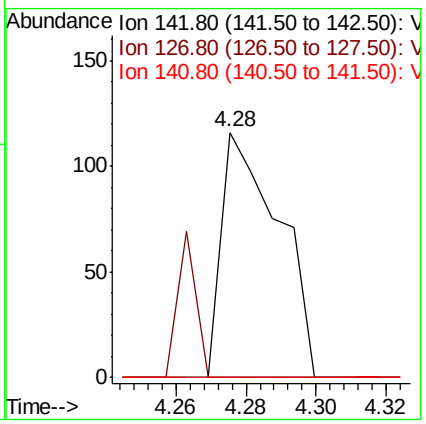


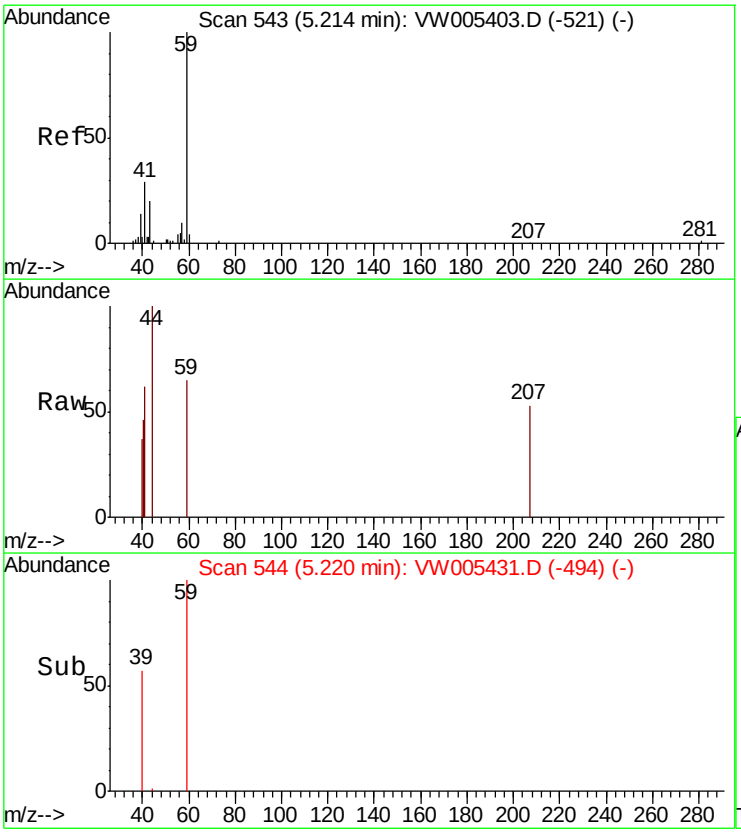
#10
Methyl Iodide
Concen: 4.099 ug/l
RT: 4.28 min Scan# 389
Delta R.T. -0.01 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-B

Tgt Ion:142 Resp: 132

Ion	Ratio	Lower	Upper
142	100		
127	18.9	37.5	56.3#
141	0.0	12.4	18.6#

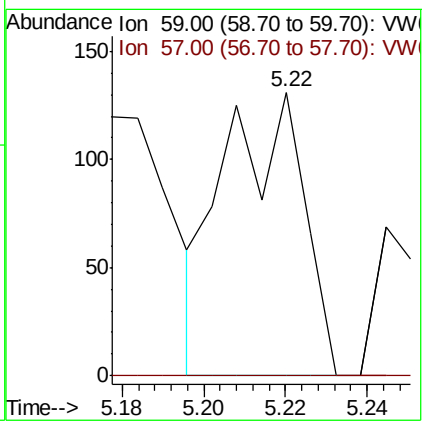


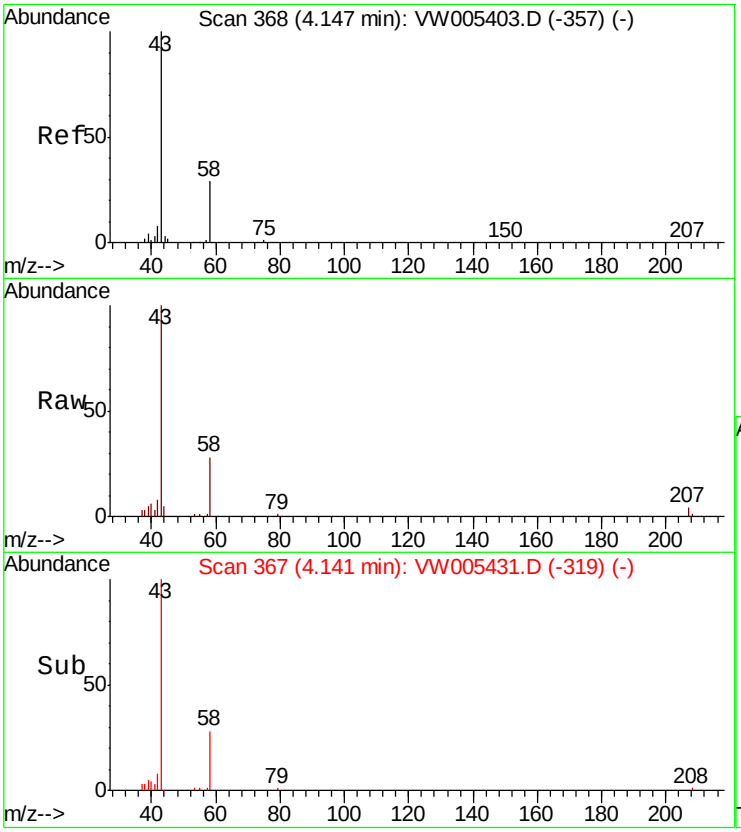


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 59 Resp: 176

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#



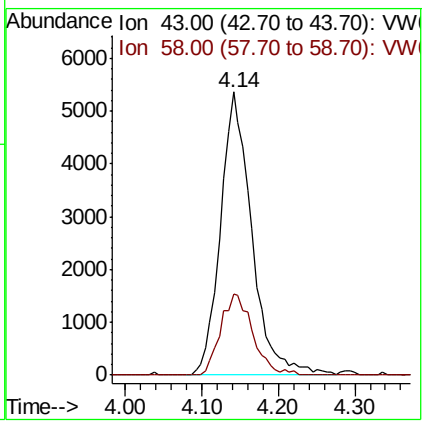


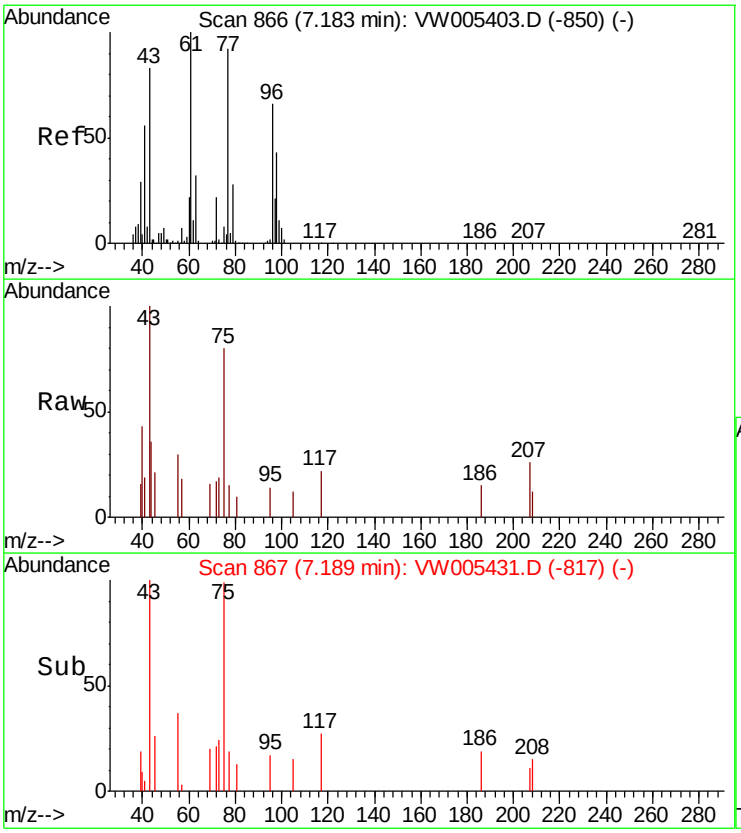
#16
Acetone
Concen: 27.386 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Instrument : MSVOA_W
ClientSampleId : CL-01-091418-B

Tgt Ion: 43 Resp: 15184

Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.8	34.2

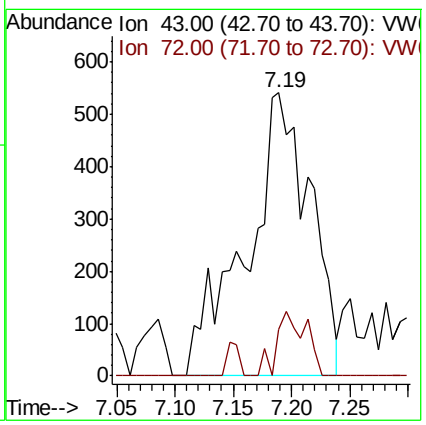


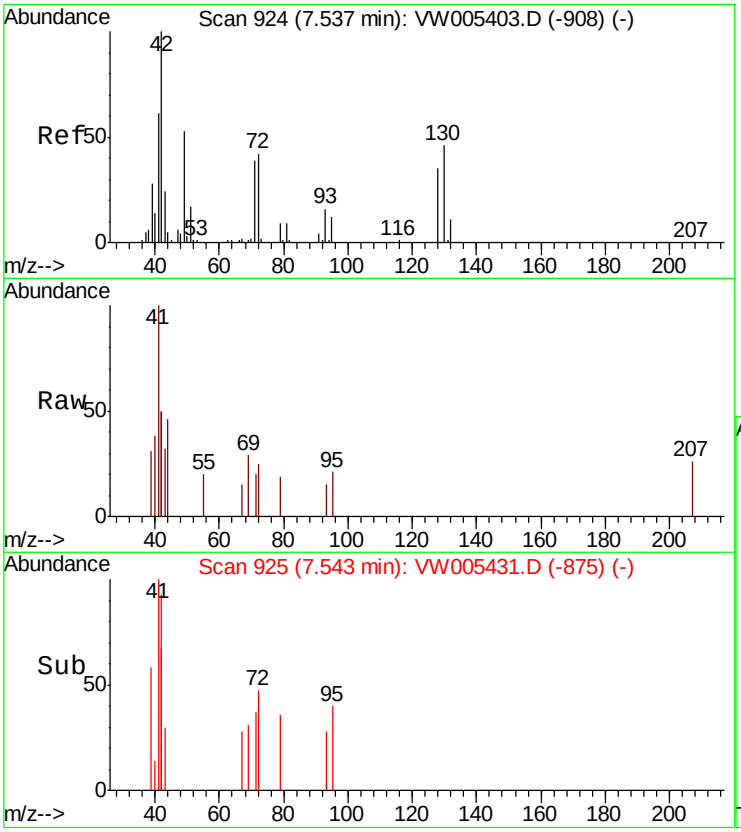


#25
2-Butanone
Concen: 3.529 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 43 Resp: 2064

Ion	Ratio	Lower	Upper
43	100		
72	16.6	21.1	31.7#



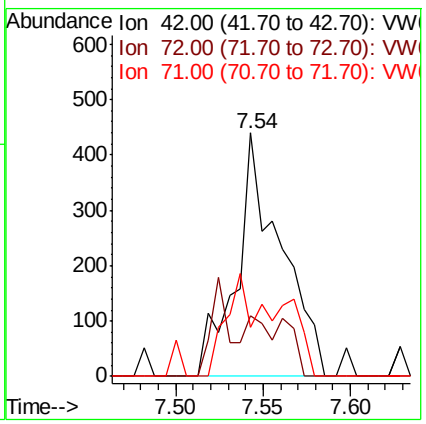


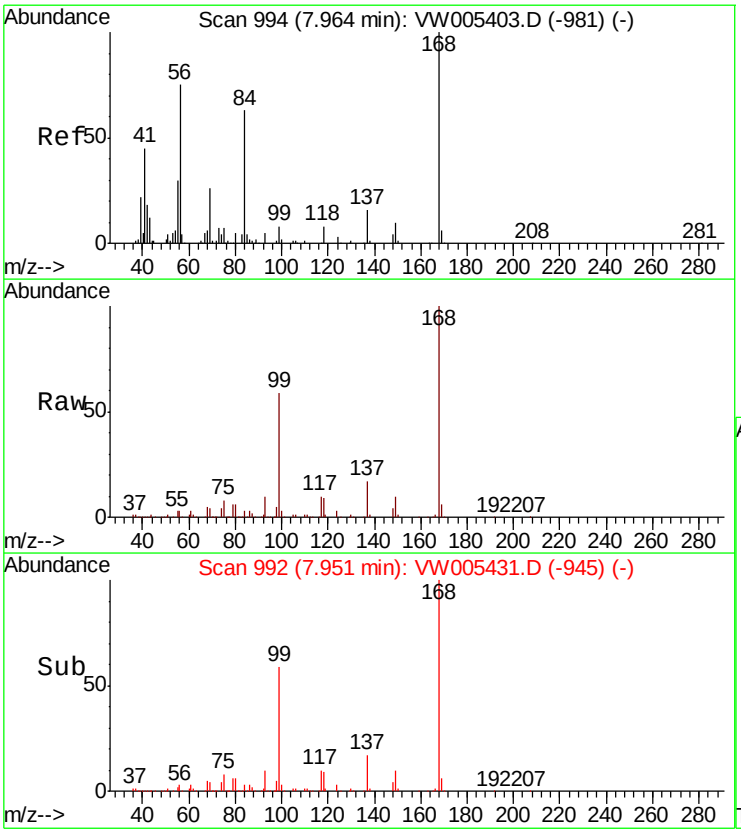
#29
Tetrahydrofuran
Concen: 2.086 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-B

Tgt Ion: 42 Resp: 777

Ion	Ratio	Lower	Upper
42	100		
72	21.6	33.2	49.8#
71	33.1	31.0	46.6

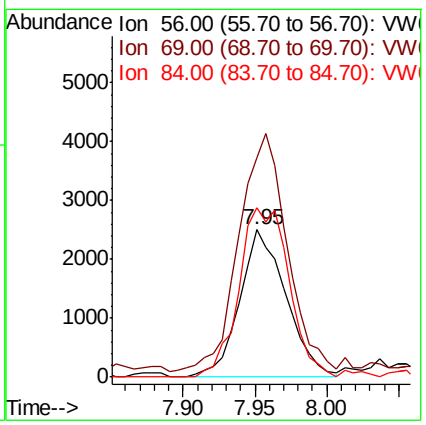


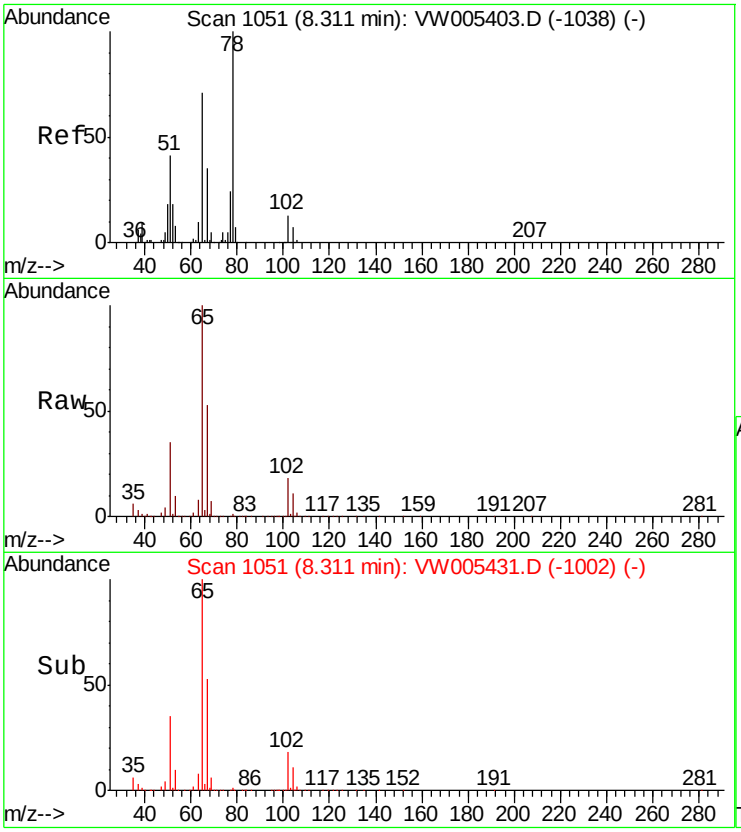


#31
Cyclohexane
Concen: 1.445 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 56 Resp: 5606

Ion	Ratio	Lower	Upper
56	100		
69	143.2	27.2	40.8#
84	114.7	66.7	100.1#



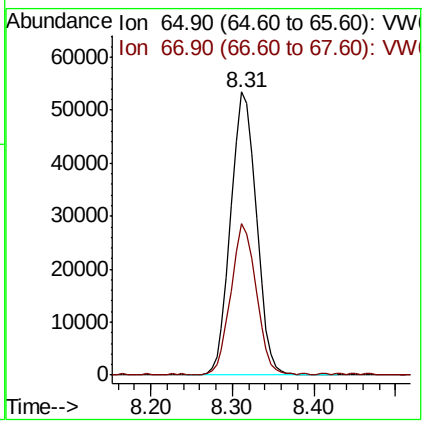


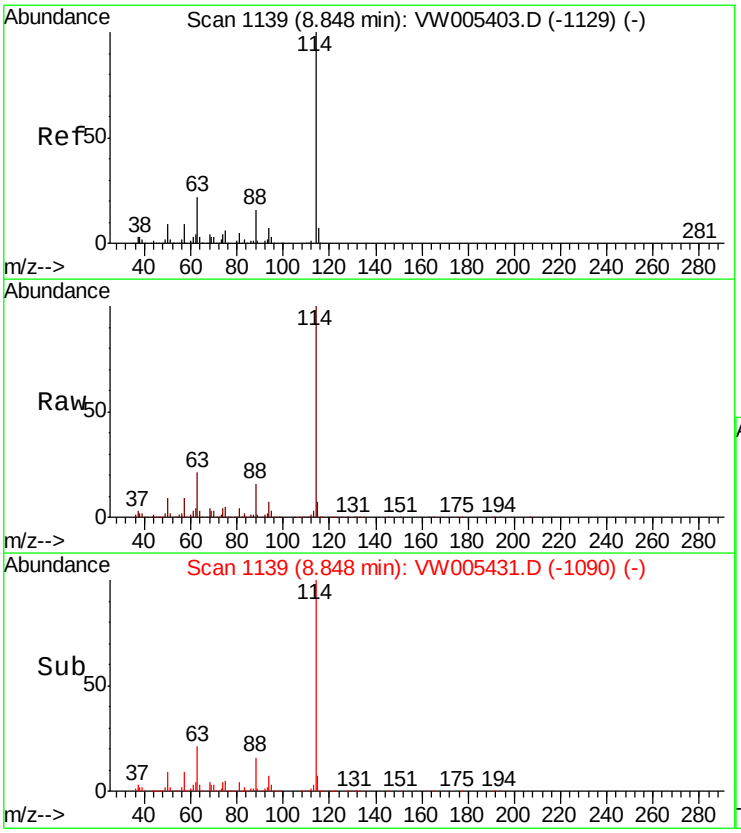
#33
1,2-Dichloroethane-d4
Concen: 47.969 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-B

Tgt Ion: 65 Resp: 116620

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	100.6

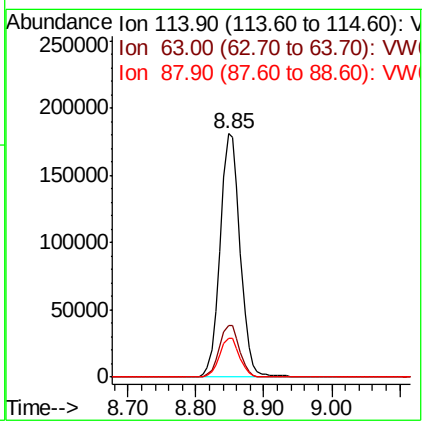


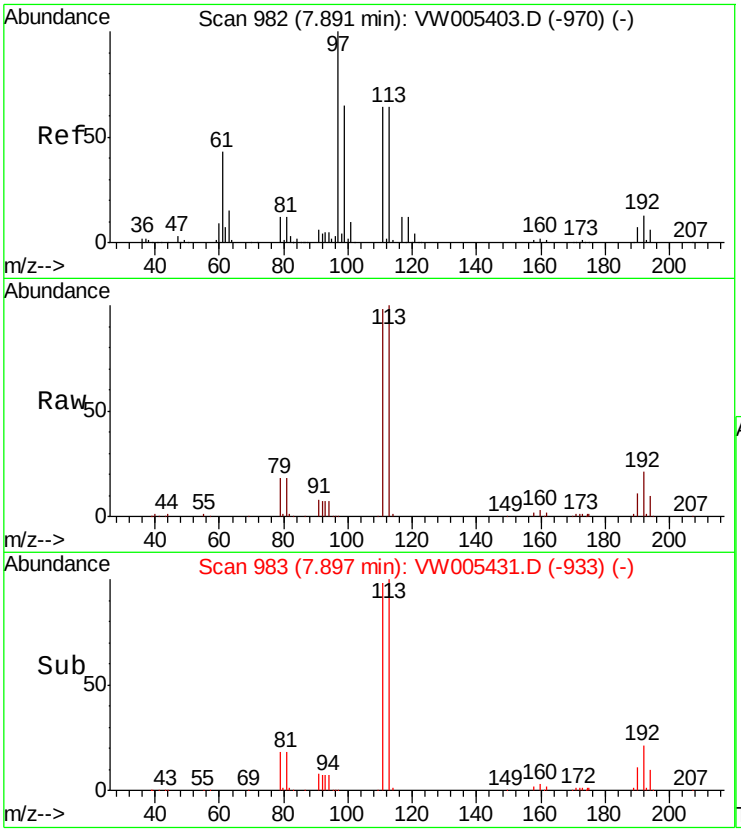


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion:114 Resp: 369900

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.4
88	16.2	0.0	31.8



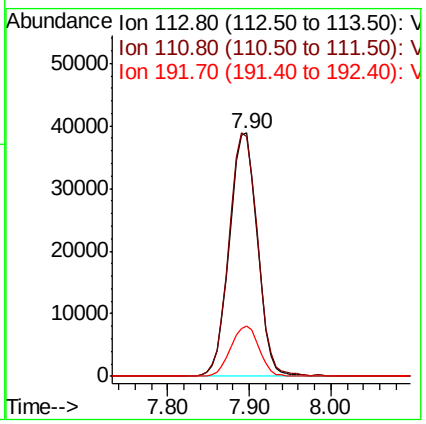


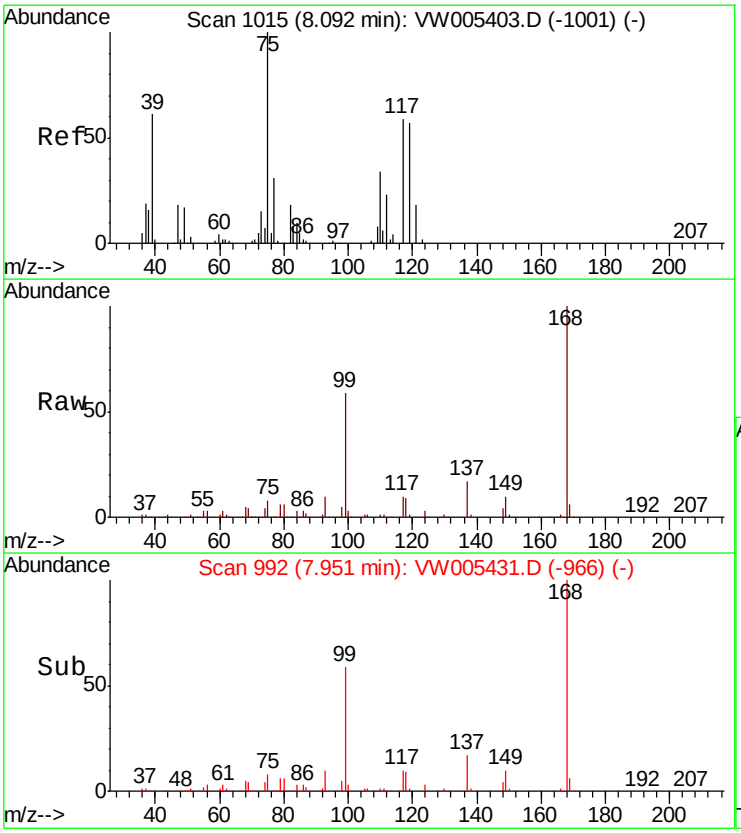
#35
Dibromofluoromethane
Concen: 44.329 ug/l
RT: 7.90 min Scan# 983
Delta R.T. 0.01 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-B

Tgt Ion:113 Resp: 91938

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.3	123.5
192	20.8	16.5	24.7

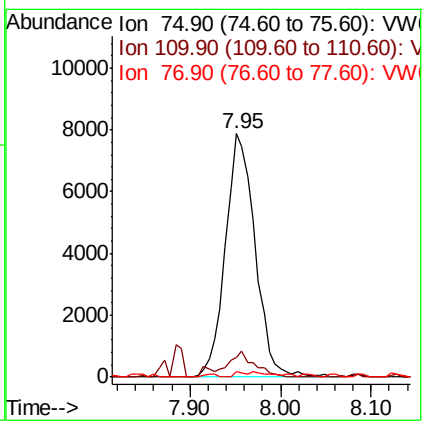


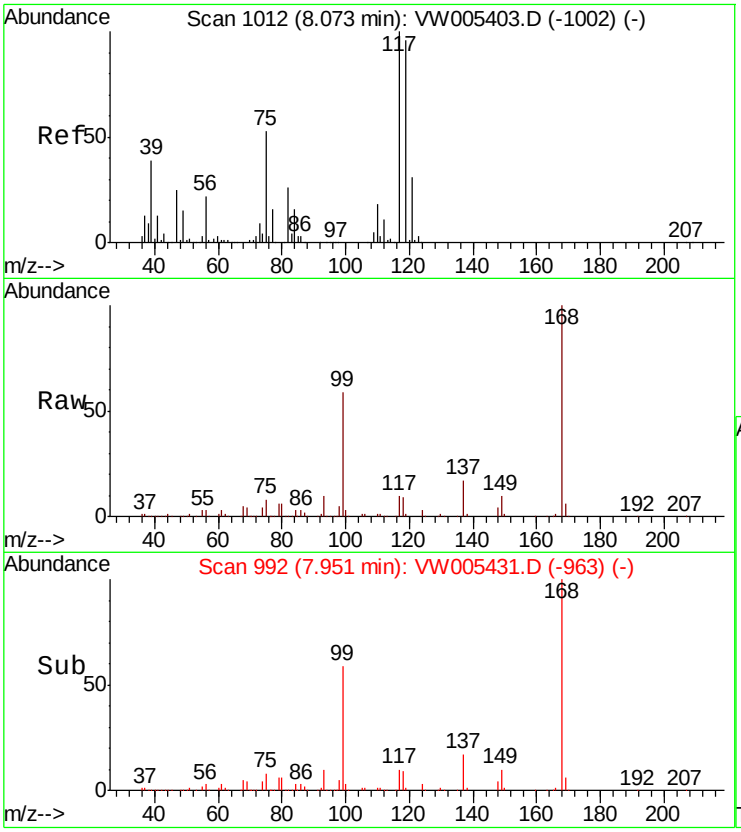


#36
1,1-Dichloropropene
Concen: 5.127 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.14 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 75 Resp: 17949

Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.8	50.4#
77	0.9	24.2	36.4#



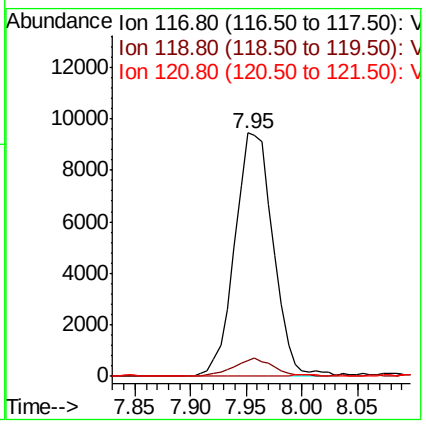


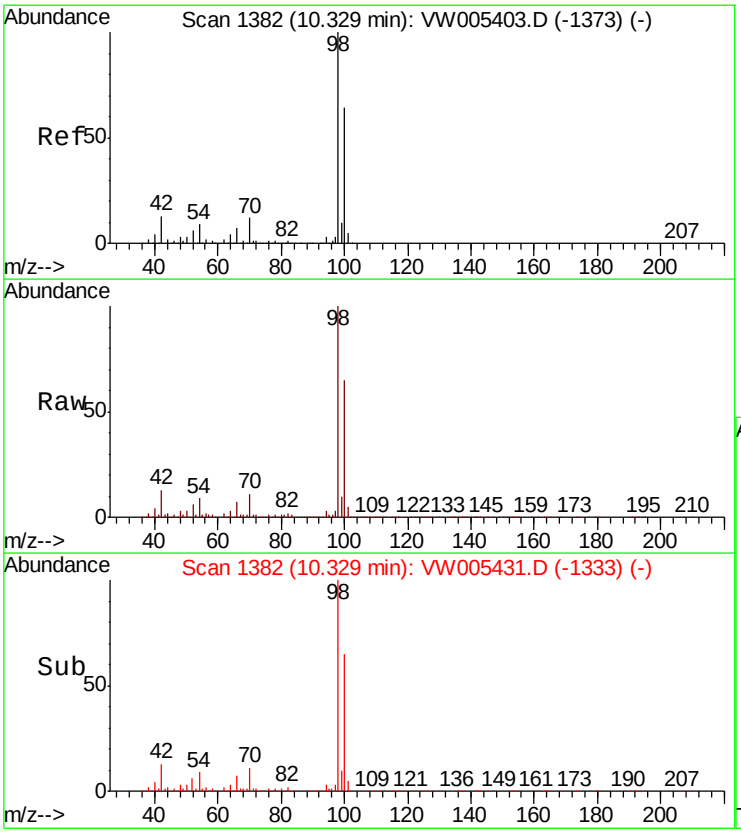
#38
Carbon Tetrachloride
Concen: 6.204 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Instrument : MSVOA_W
ClientSampleId : CL-01-091418-B

Tgt Ion:117 Resp: 22632

Ion	Ratio	Lower	Upper
117	100		
119	6.5	76.8	115.2#
121	0.0	24.7	37.1#

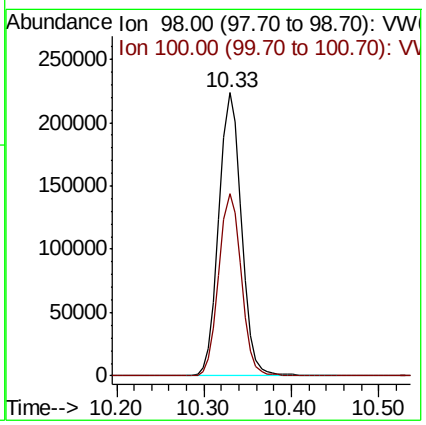


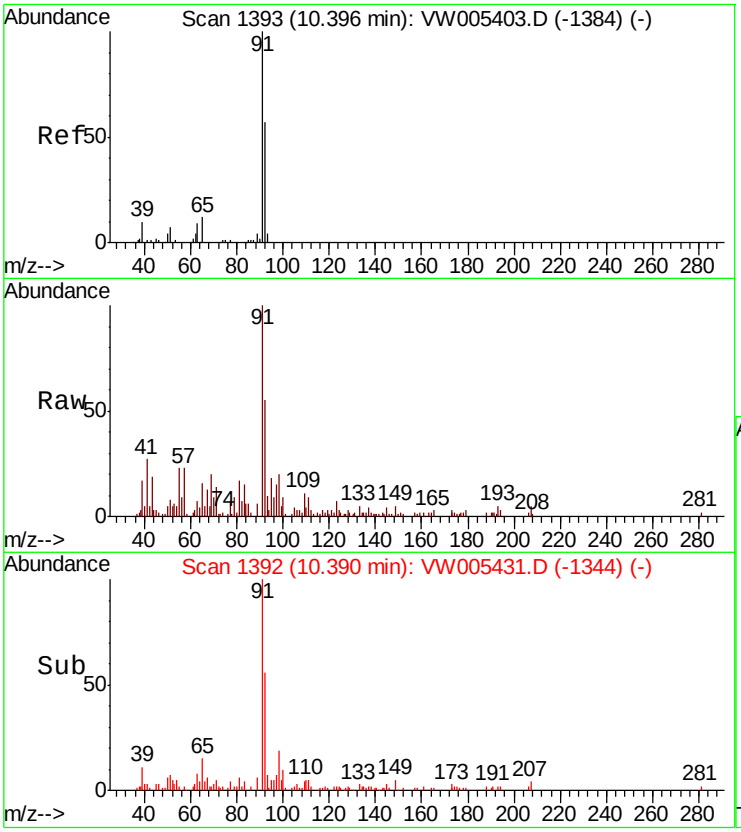


#50
Toluene-d8
Concen: 42.118 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 98 Resp: 400036

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.0



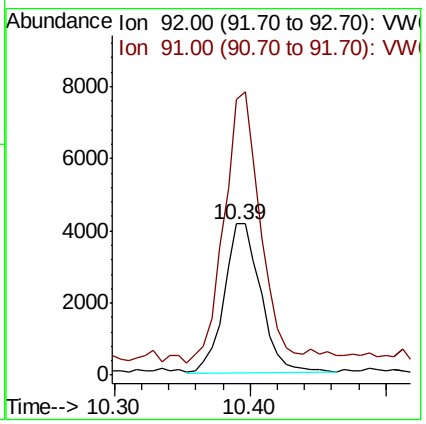


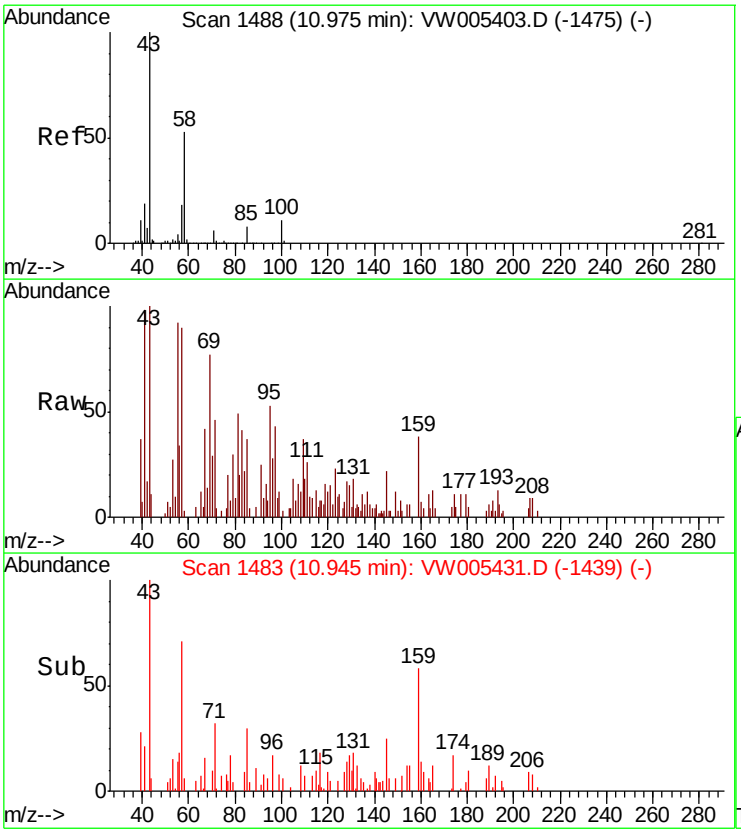
#52
Toluene
Concen: 1.124 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Instrument : MSVOA_W
ClientSampleId : CL-01-091418-B

Tgt Ion: 92 Resp: 7718

Ion	Ratio	Lower	Upper
92	100		
91	181.1	139.1	208.7

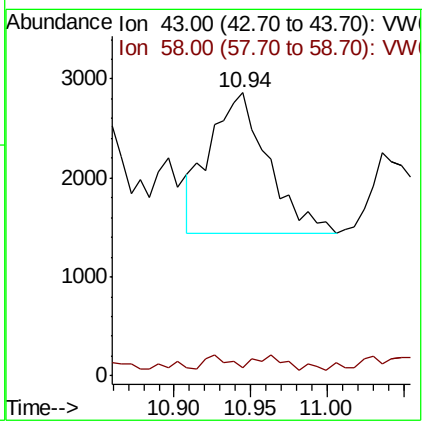


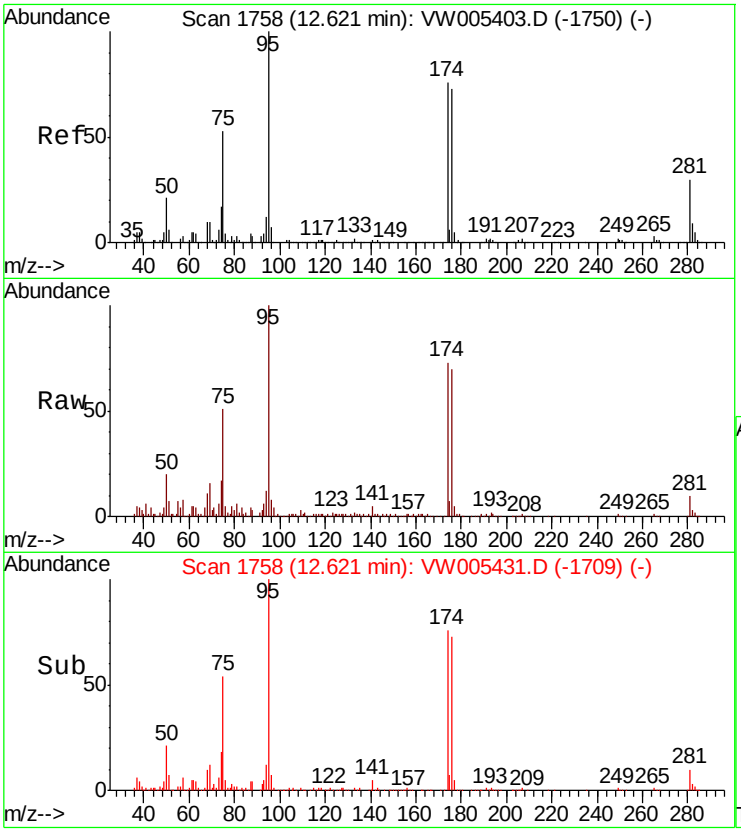


#59
2-Hexanone
Concen: 3.834 ug/l
RT: 10.94 min Scan# 1483
Delta R.T. -0.03 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 43 Resp: 3735

Ion	Ratio	Lower	Upper
43	100		
58	3.7	25.5	76.5#



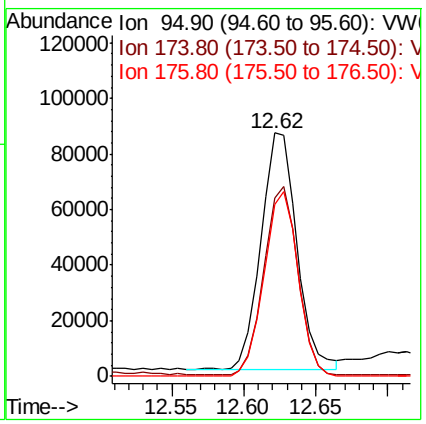


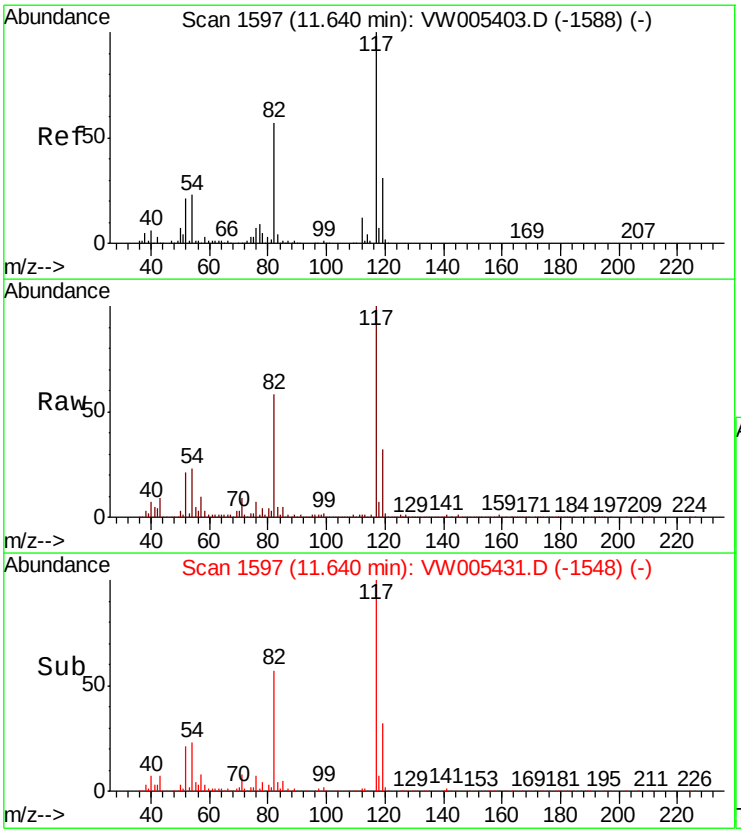
#62
4-Bromofluorobenzene
Concen: 42.280 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-B

Tgt Ion: 95 Resp: 147243

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	161.2
176	74.6	0.0	156.6

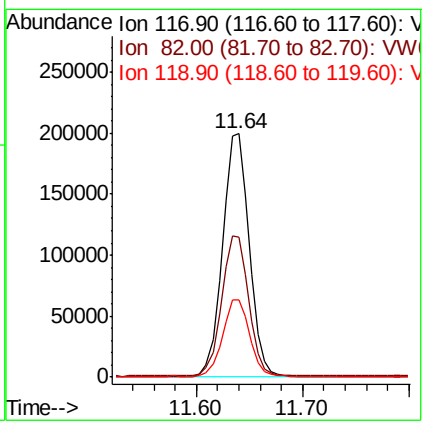


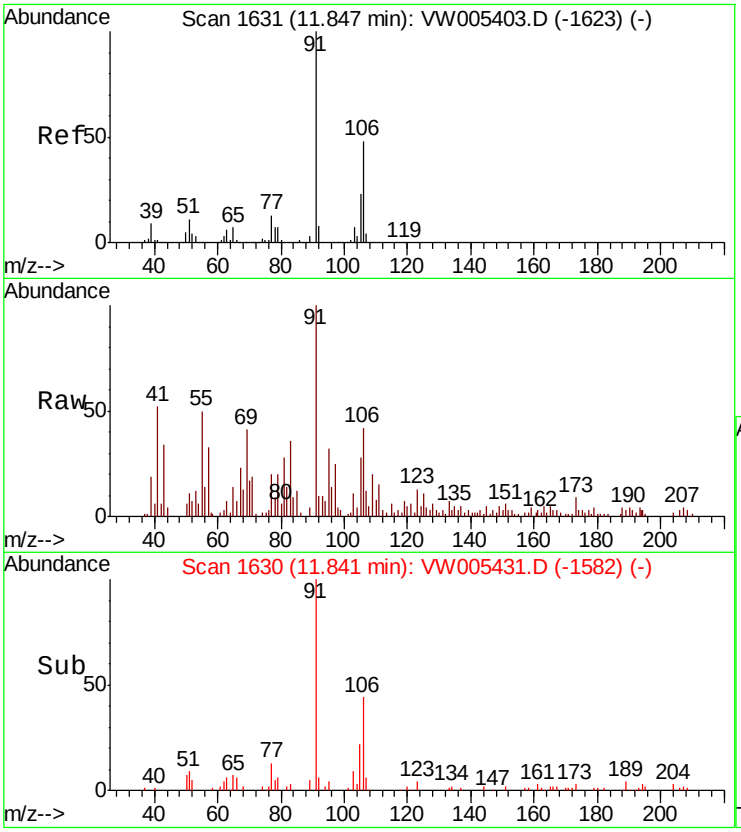


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion:117 Resp: 348251

Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.9	68.9
119	31.4	24.8	37.2



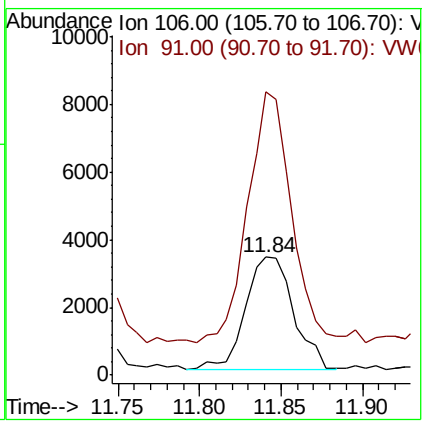


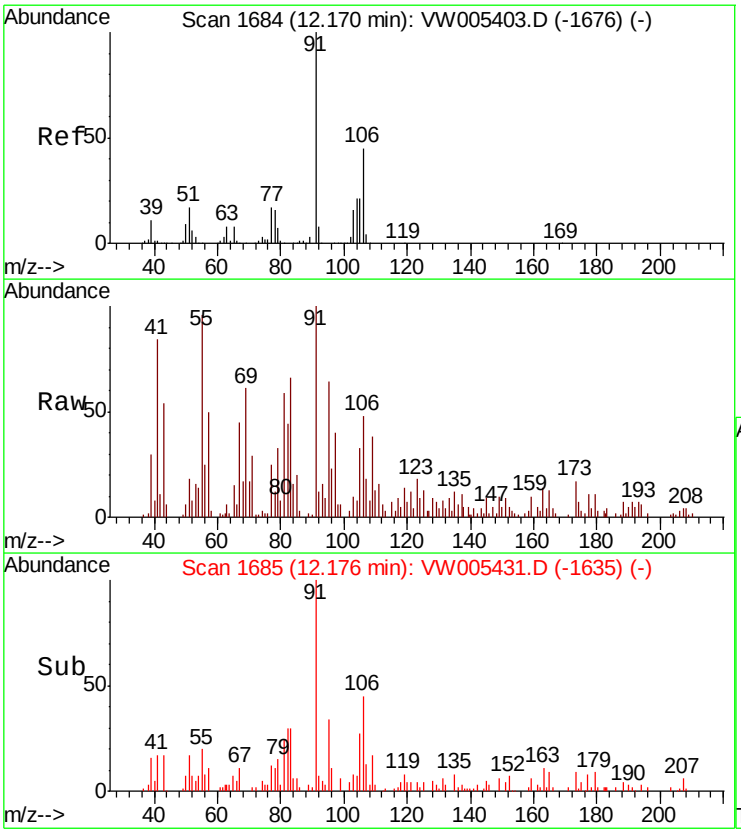
#68
m/p-Xylenes
Concen: 1.375 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-B

Tgt Ion:106 Resp: 6876

Ion	Ratio	Lower	Upper
106	100		
91	203.5	167.9	251.9

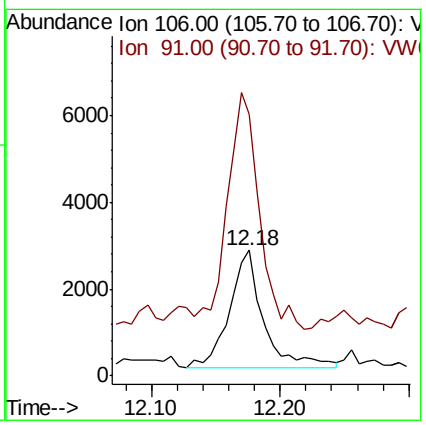


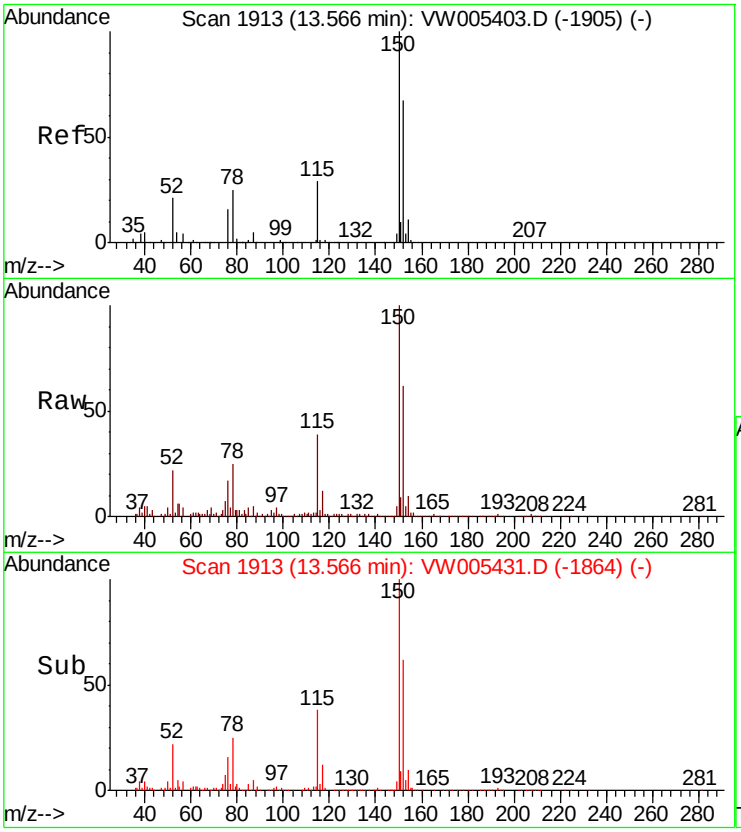


#69
o-Xylene
Concen: 1.054 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion:106 Resp: 4910

Ion	Ratio	Lower	Upper
106	100		
91	192.9	110.6	331.6



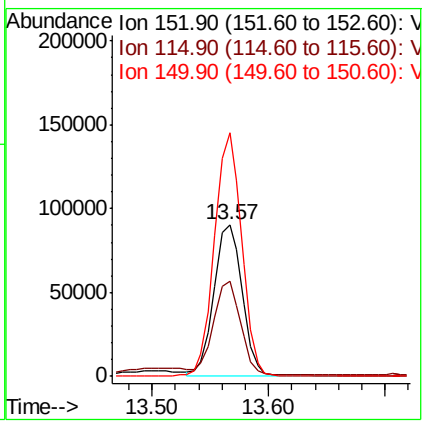


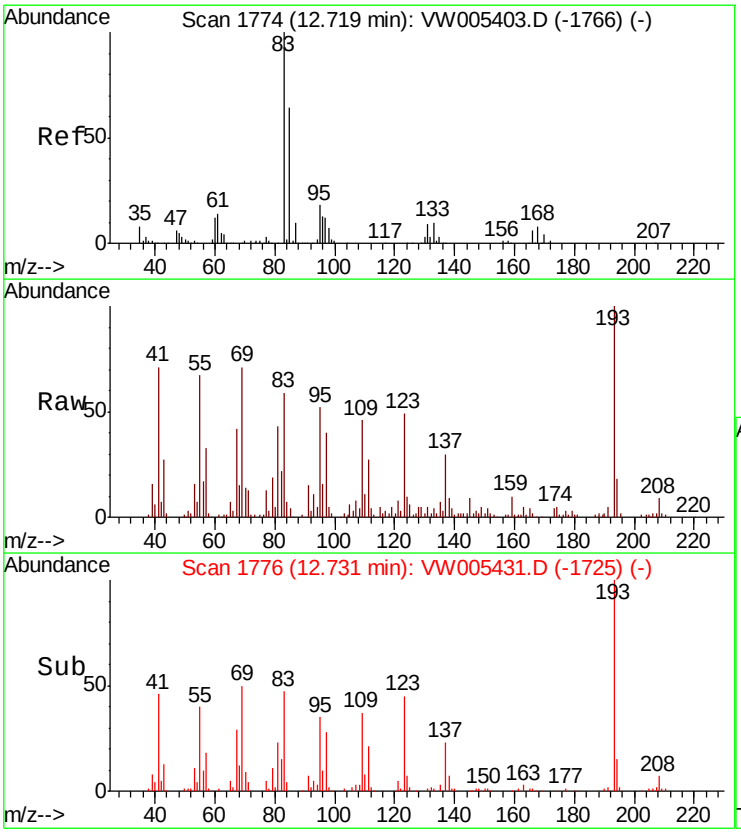
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Instrument : MSVOA_W
ClientSampleId : CL-01-091418-B

Tgt Ion:152 Resp: 150825

Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.5	88.5
150	154.4	0.0	345.6

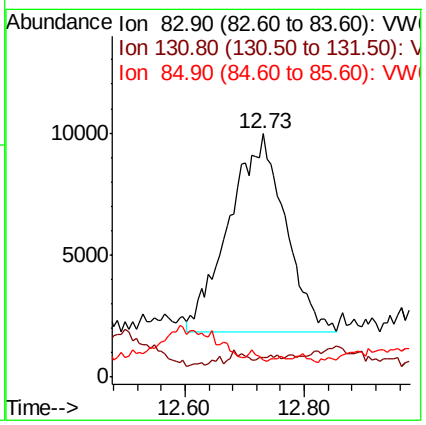


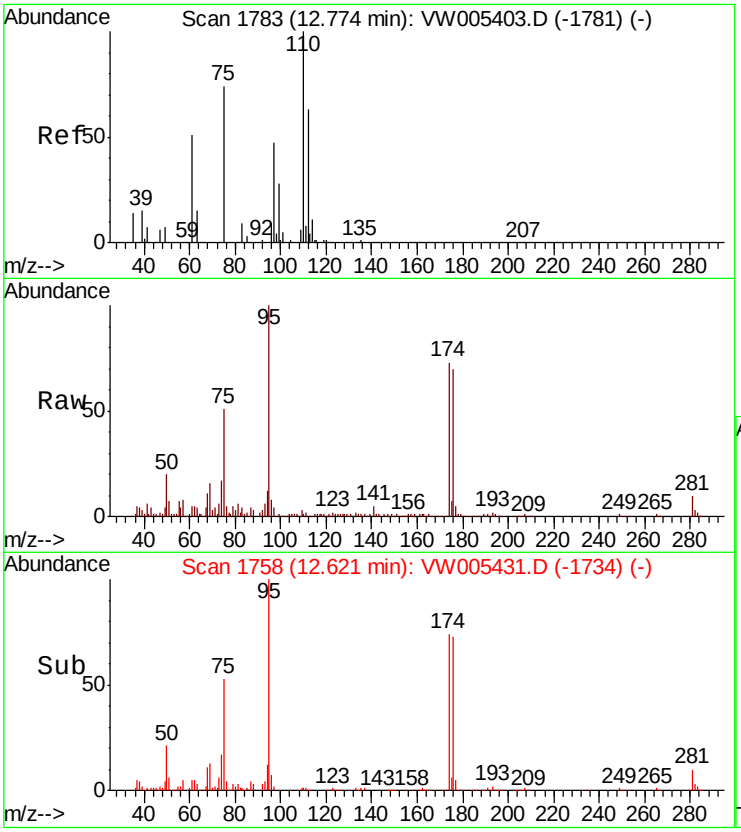


#75
1,1,2,2-Tetrachloroethane
Concen: 34.216 ug/l
RT: 12.73 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 83 Resp: 52817

Ion	Ratio	Lower	Upper
83	100		
131	0.6	5.7	17.1#
85	0.0	31.6	95.0#



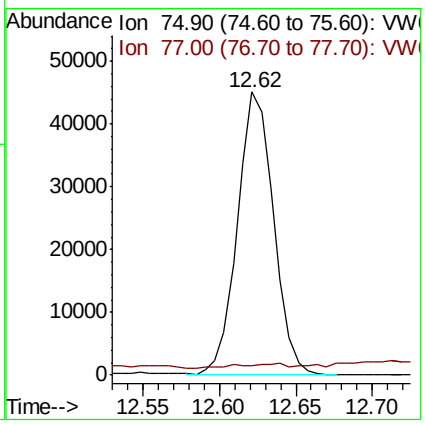


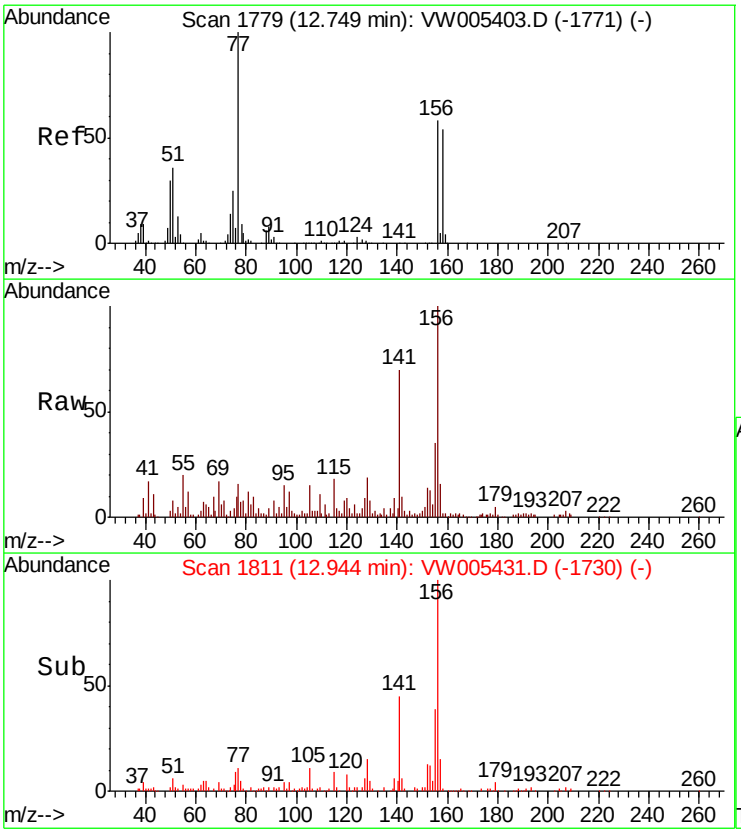
#76
1,2,3-Trichloropropane
Concen: 59.254 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Instrument : MSVOA_W
ClientSampleId : CL-01-091418-B

Tgt Ion: 75 Resp: 73505

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

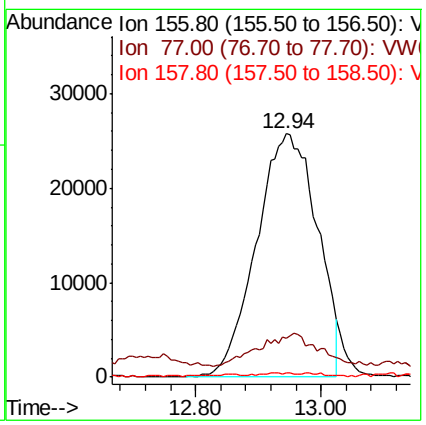


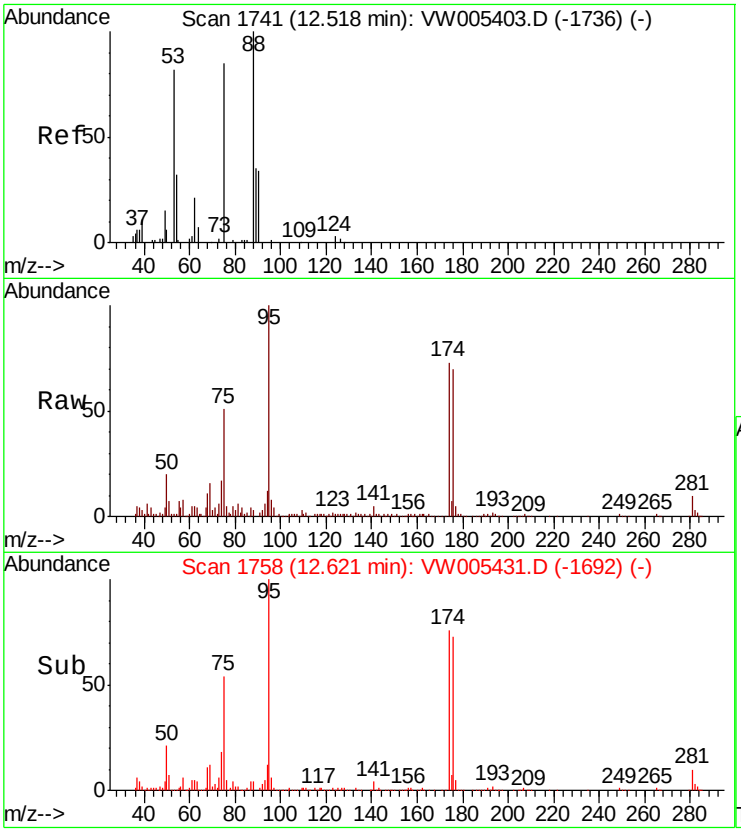


#77
Bromobenzene
Concen: 68.853 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.19 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion:156 Resp: 172250

Ion	Ratio	Lower	Upper
156	100		
77	12.5	92.8	278.3#
158	0.0	48.2	144.6#



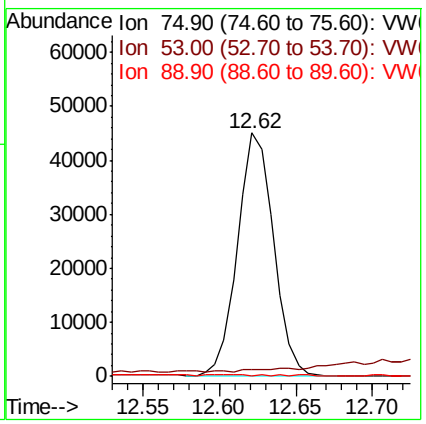


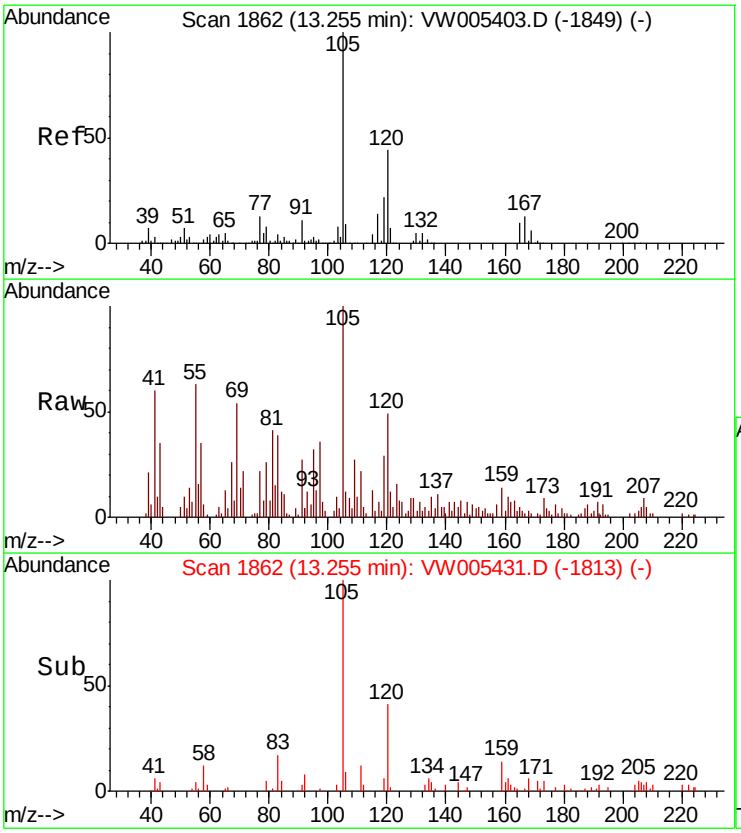
#81
trans-1,4-Dichloro-2-butene
Concen: 153.709 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-B

Tgt Ion: 75 Resp: 73505

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.2	124.8#
89	0.4	36.6	54.8#

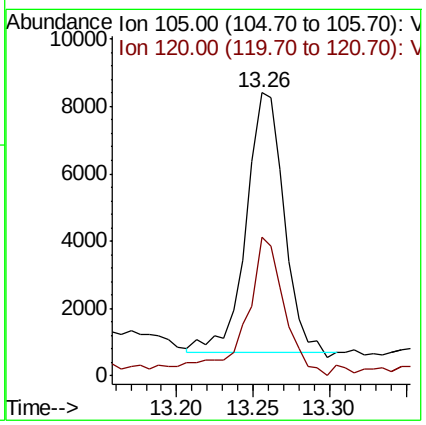


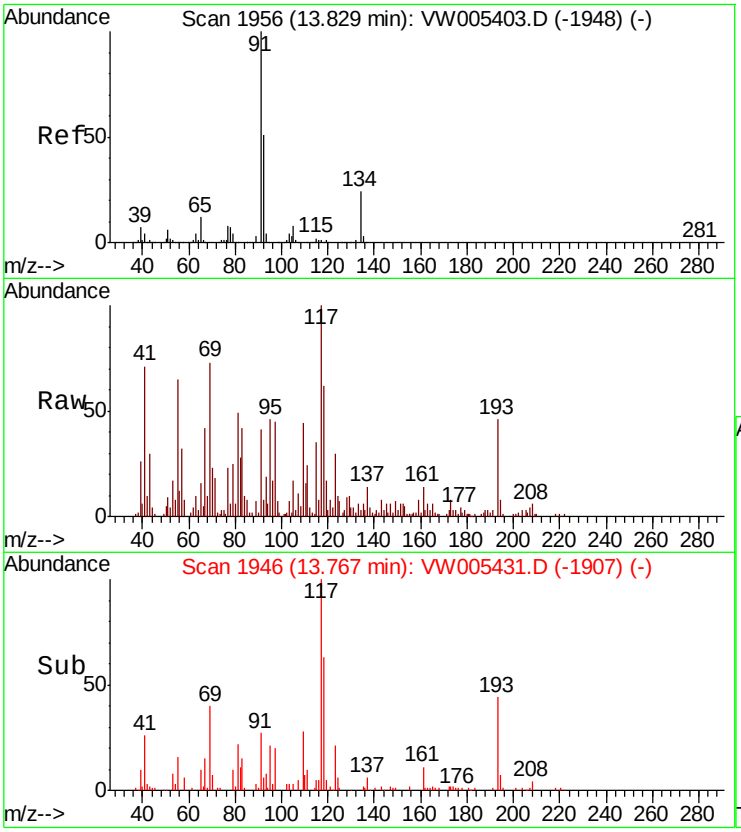


#84
1,2,4-Trimethylbenzene
Concen: 1.408 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion:105 Resp: 13197

Ion	Ratio	Lower	Upper
105	100		
120	56.0	21.8	65.3



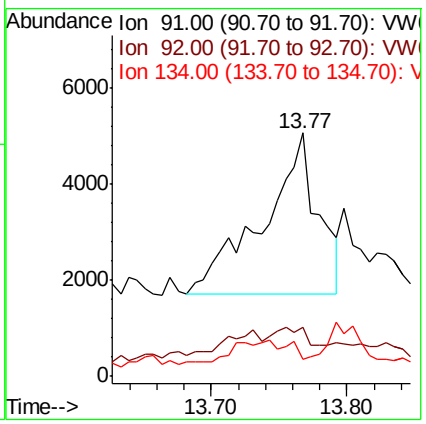


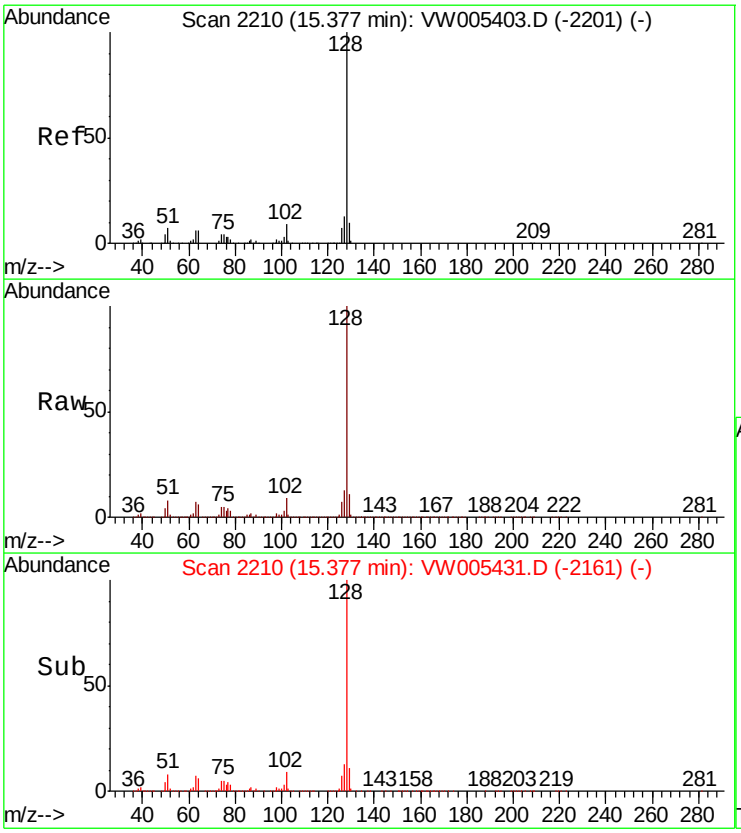
#89
n-Butylbenzene
Concen: 1.020 ug/l
RT: 13.77 min Scan# 1946
Delta R.T. -0.06 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-B

Tgt Ion: 91 Resp: 9415

Ion	Ratio	Lower	Upper
91	100		
92	5.9	26.2	78.6#
134	0.0	12.7	38.1#





#95
Naphthalene
Concen: 231.096 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion:128 Resp: 1139269

Ion	Ratio	Lower	Upper
128	100		
127	13.3	11.0	16.4
129	11.0	8.7	13.1