Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
Data File : VW000950.D
Acq On : 24 Jan 2018 16:36
Operator : JC/SY
Sample : J1016-05RE
Misc : 5.89G/5.0ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : OK-01-012218RE

Quant Time: Jan 25 04:42:23 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 13:31:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	25839	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.85	114	36908	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.64	117	34641	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	13554	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	17932	72.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 144.82%				
35) Dibromofluoromethane	7.88	113	5190	22.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 45.90%				
50) Toluene-d8	10.33	98	47779	53.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.20%				
62) 4-Bromofluorobenzene	12.63	95	16326	50.29	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.58%				
Target Compounds							Qvalue
3) Chloromethane	2.22	50	1250	5.68	ug/l	#	70
5) Bromomethane	2.79	94	1812	11.87	ug/l		87
6) Chloroethane	2.87	64	161	1.41	ug/l	#	42
10) Methyl Iodide	4.29	142	3053	15.53	ug/l		93
11) Tert butyl alcohol	5.15	59	41	1.53	ug/l	#	76
16) Acetone	4.12	43	1893	34.16	ug/l		96
20) Methylene Chloride	4.93	84	2008	6.39	ug/l	#	94
31) Cyclohexane	7.95	56	631	1.56	ug/l	#	49
36) 1,1-Dichloropropene	7.96	75	2013	5.72	ug/l	#	42
38) Carbon Tetrachloride	7.95	117	2627	6.76	ug/l	#	19
52) Toluene	10.40	92	1117	1.85	ug/l		98
56) Ethyl methacrylate	10.65	69	56	3.44	ug/l	#	1
59) 2-Hexanone	10.99	43	131	15.40	ug/l	#	24
67) Ethyl Benzene	11.75	91	1871	1.56	ug/l		91
68) m/p-Xylenes	11.85	106	1546	3.31	ug/l		98
69) o-Xylene	12.18	106	979	2.29	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.71	83	264	1.41	ug/l	#	51
76) 1,2,3-Trichloropropane	12.63	75	7940	50.62	ug/l	#	100
78) n-propylbenzene	12.82	91	1619	1.53	ug/l		98
80) 1,3,5-Trimethylbenzene	12.96	105	2397	3.22	ug/l		94
81) trans-1,4-Dichloro-2-buten	12.63	75	7940	120.02	ug/l	#	12
84) 1,2,4-Trimethylbenzene	13.27	105	5959	7.91	ug/l		95
85) sec-Butylbenzene	13.40	105	1042	1.11	ug/l		96
86) p-Isopropyltoluene	13.46	119	1218	1.46	ug/l		83
89) n-Butylbenzene	13.85	91	1342	1.71	ug/l	#	80
90) Hexachloroethane	14.12	117	501	3.23	ug/l	#	7
92) 1,2-Dibromo-3-Chloropropan	14.49	75	52	1.26	ug/l	#	17
95) Naphthalene	15.40	128	2070	3.31	ug/l	#	52

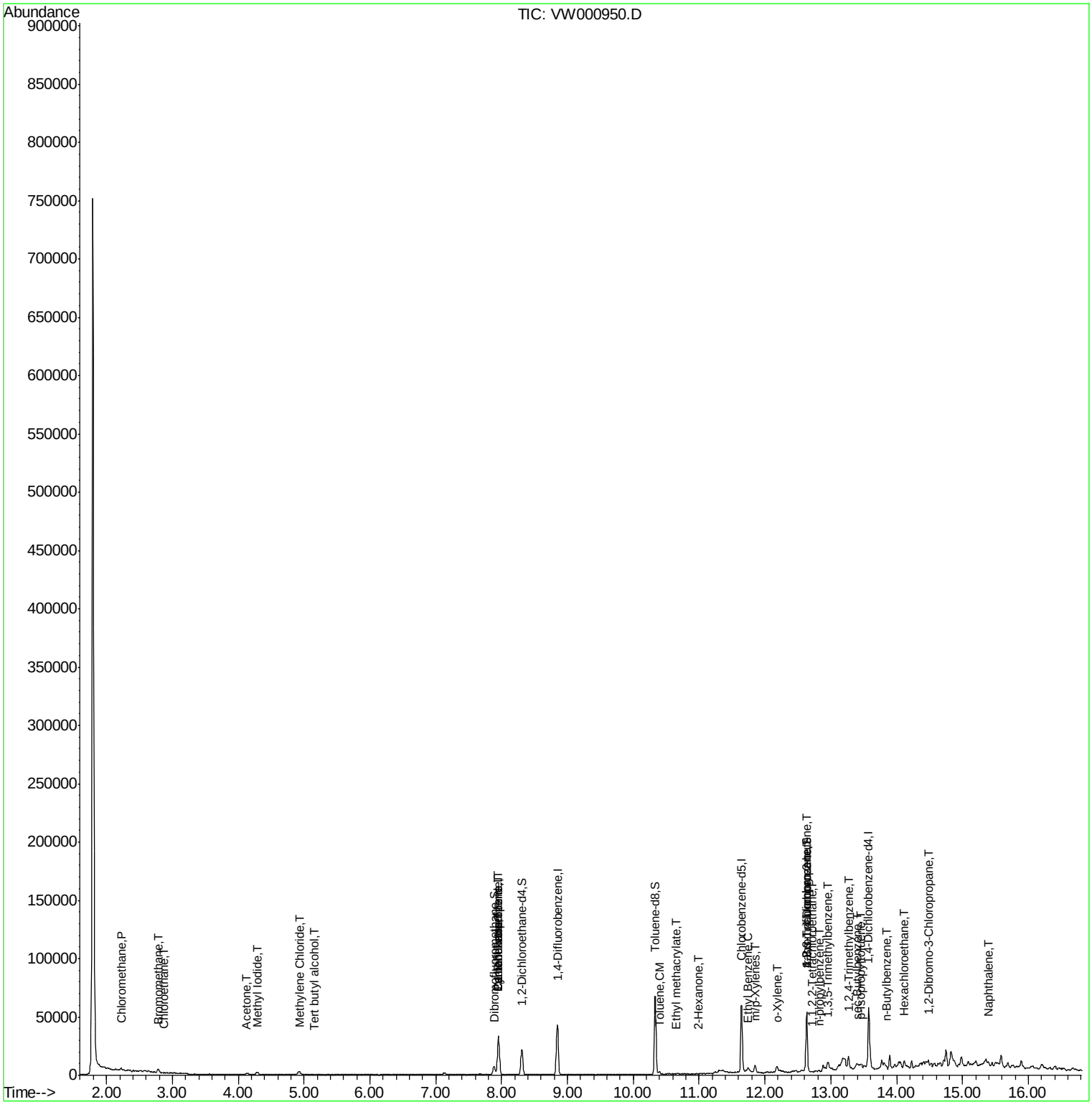
(#) = qualifier out of range (m) = manual integration (+) = signals summed

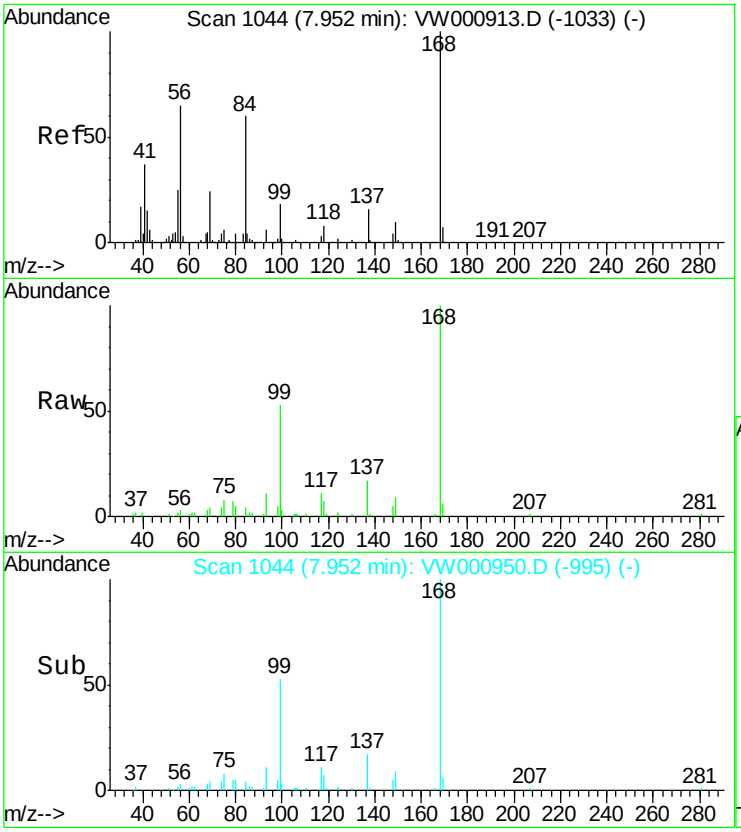
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
Data File : VW000950.D
Acq On : 24 Jan 2018 16:36
Operator : JC/SY
Sample : J1016-05RE
Misc : 5.89G/5.0ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OK-01-012218RE

Quant Time: Jan 25 04:42:23 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 13:31:00 2018
Response via : Initial Calibration



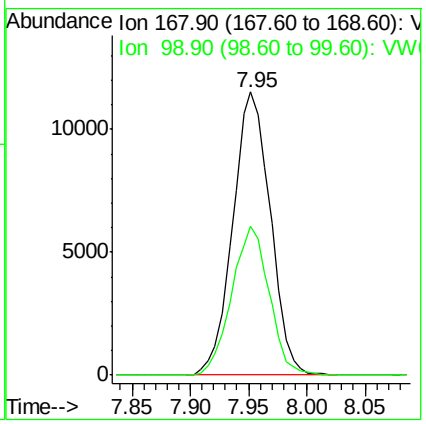


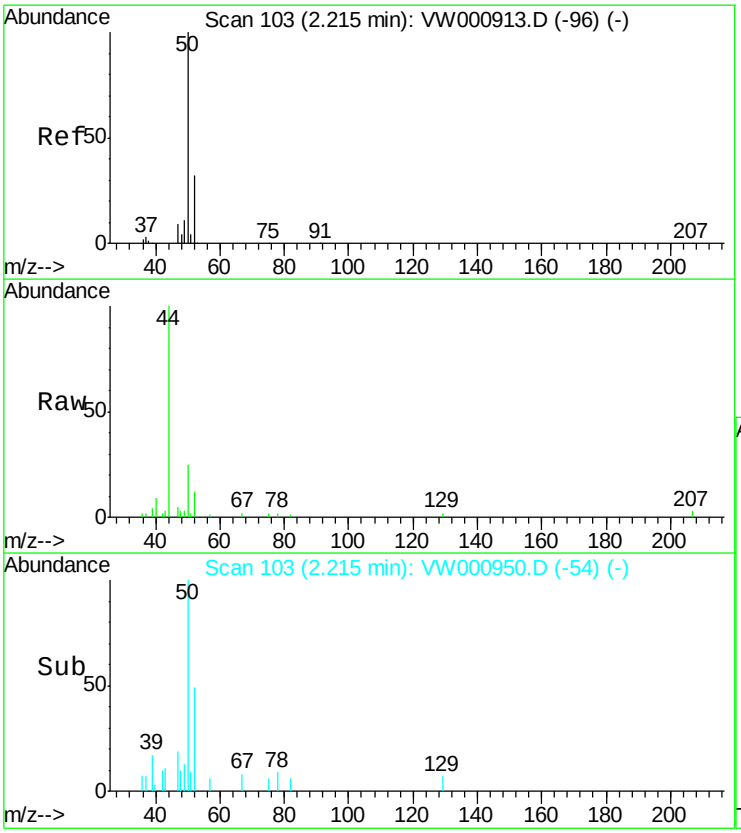
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument : MSVOA_W
ClientSampleId : OK-01-012218RE

Tgt Ion:168 Resp: 25839

Ion	Ratio	Lower	Upper
168	100		
99	52.5	40.6	61.0

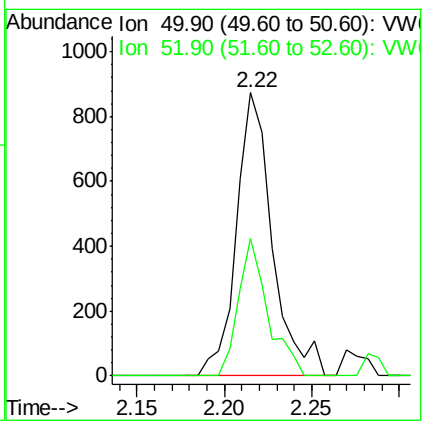


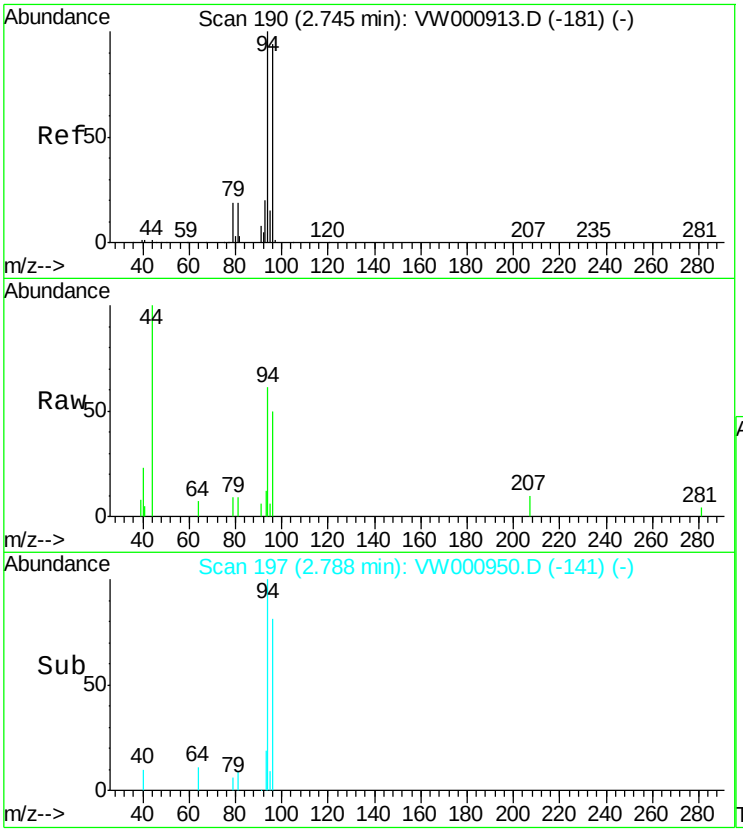


#3
Chloromethane
Concen: 5.68 ug/l
RT: 2.22 min Scan# 103
Delta R.T. 0.00 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion: 50 Resp: 1250

Ion	Ratio	Lower	Upper
50	100		
52	48.7	25.5	38.3#



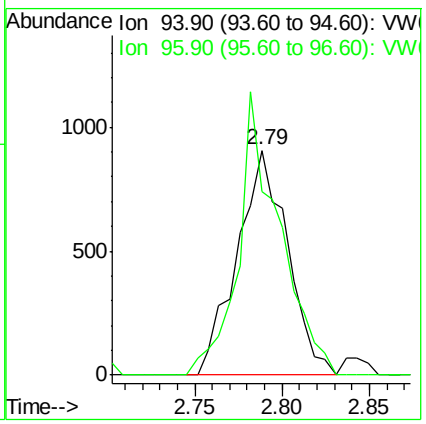


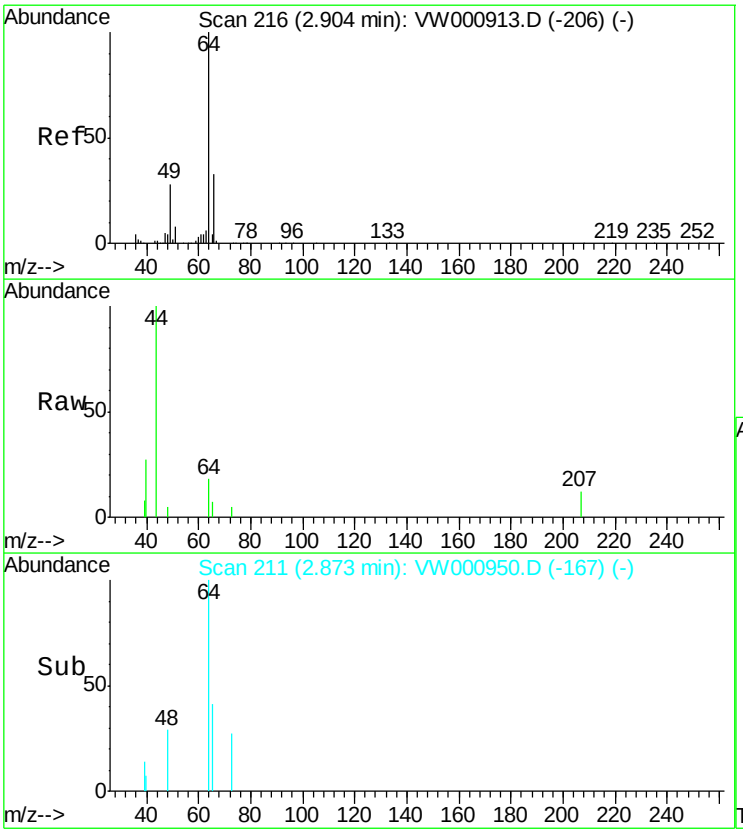
#5
Bromomethane
Concen: 11.87 ug/l
RT: 2.79 min Scan# 197
Delta R.T. 0.04 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument :
MSVOA_W
ClientSampleId :
OK-01-012218RE

Tgt Ion: 94 Resp: 1812

Ion	Ratio	Lower	Upper
94	100		
96	81.5	75.5	113.3

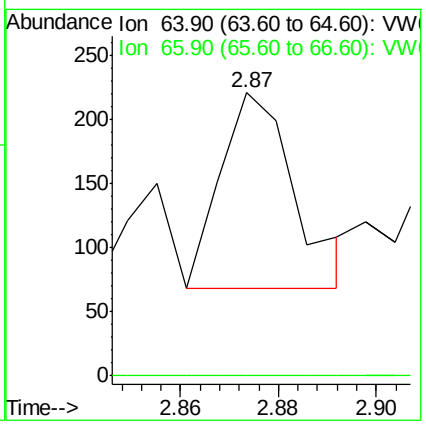


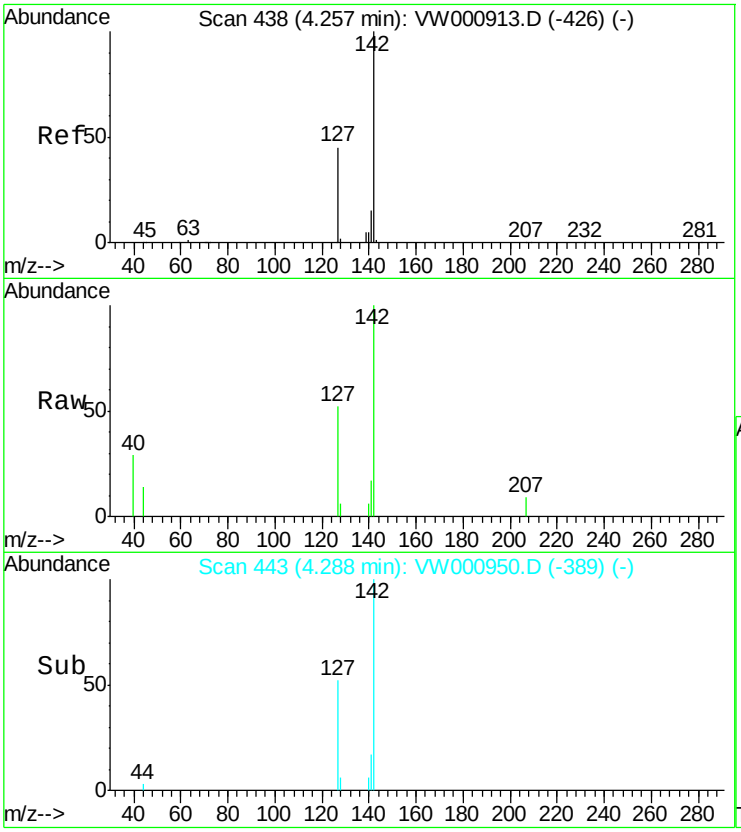


#6
Chloroethane
Concen: 1.41 ug/l
RT: 2.87 min Scan# 211
Delta R.T. -0.03 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion: 64 Resp: 161

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.1	39.1#



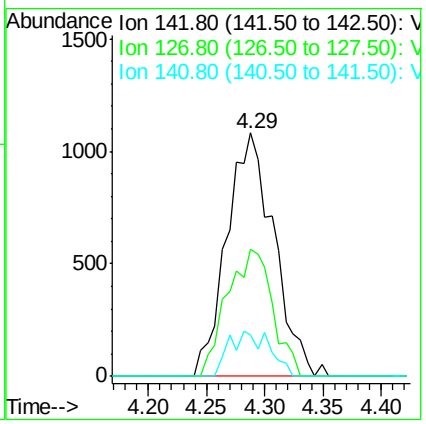


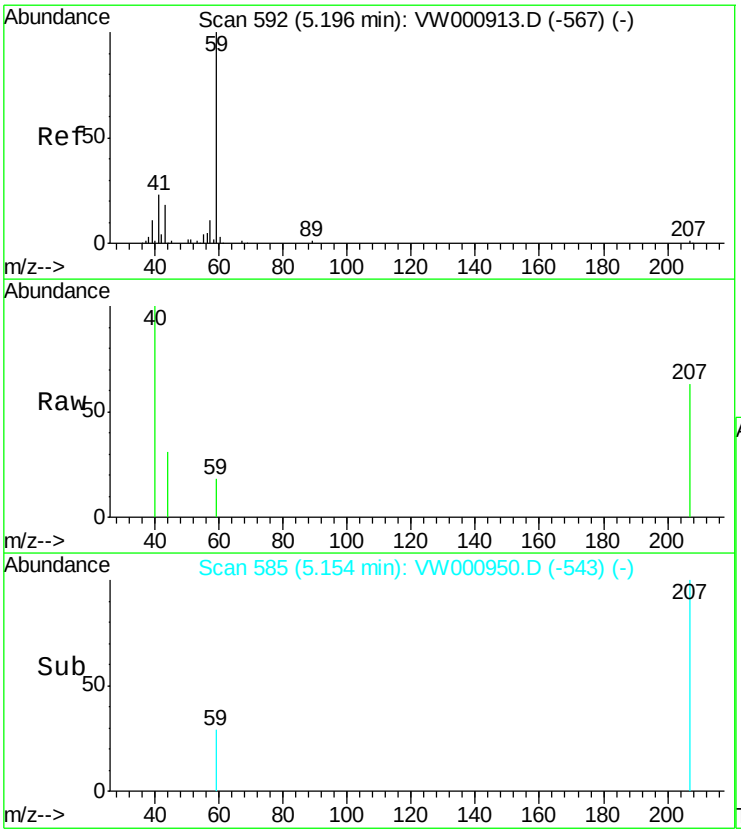
#10
Methyl Iodide
Concen: 15.53 ug/l
RT: 4.29 min Scan# 443
Delta R.T. 0.03 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument : MSVOA_W
ClientSampleId : OK-01-012218RE

Tgt Ion:142 Resp: 3053

Ion	Ratio	Lower	Upper
142	100		
127	50.1	35.5	53.3
141	15.9	11.7	17.5

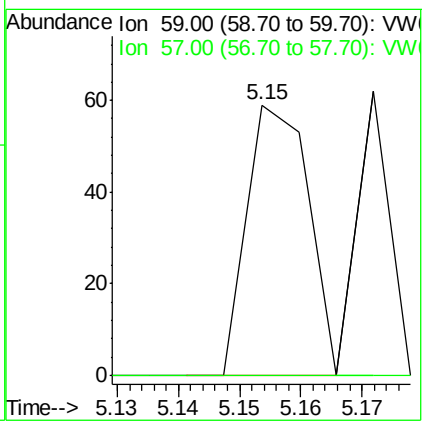


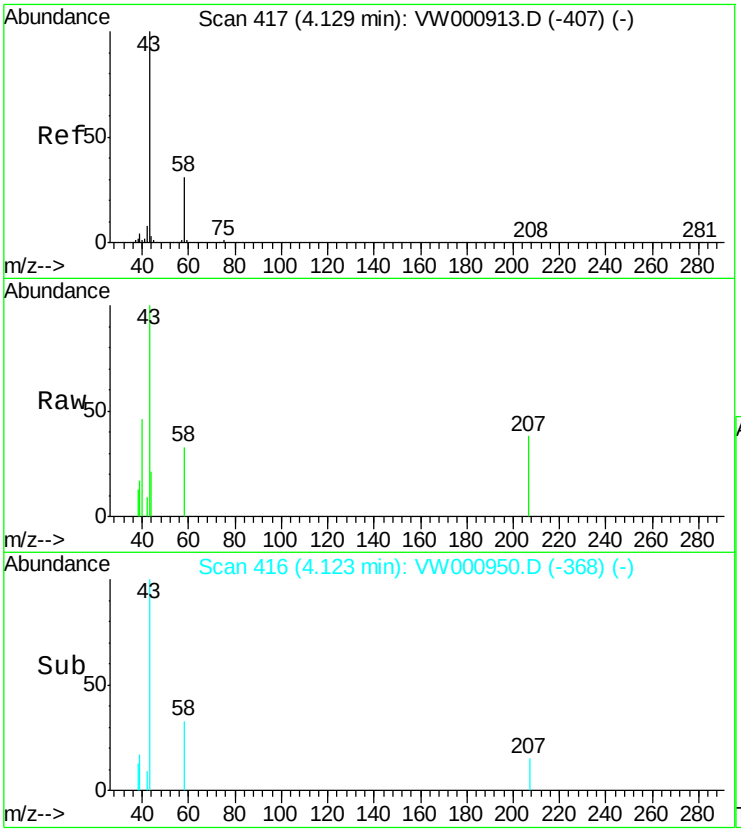


#11
Tert butyl alcohol
Concen: 1.53 ug/l
RT: 5.15 min Scan# 585
Delta R.T. -0.04 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion: 59 Resp: 41

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.0	10.6#



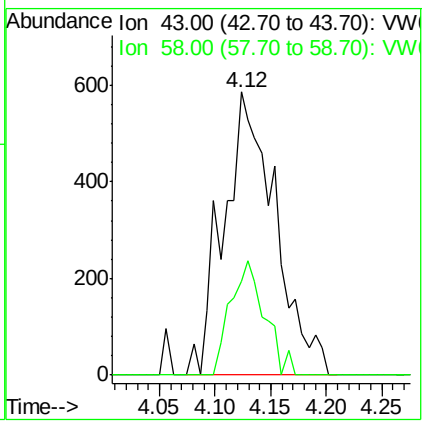


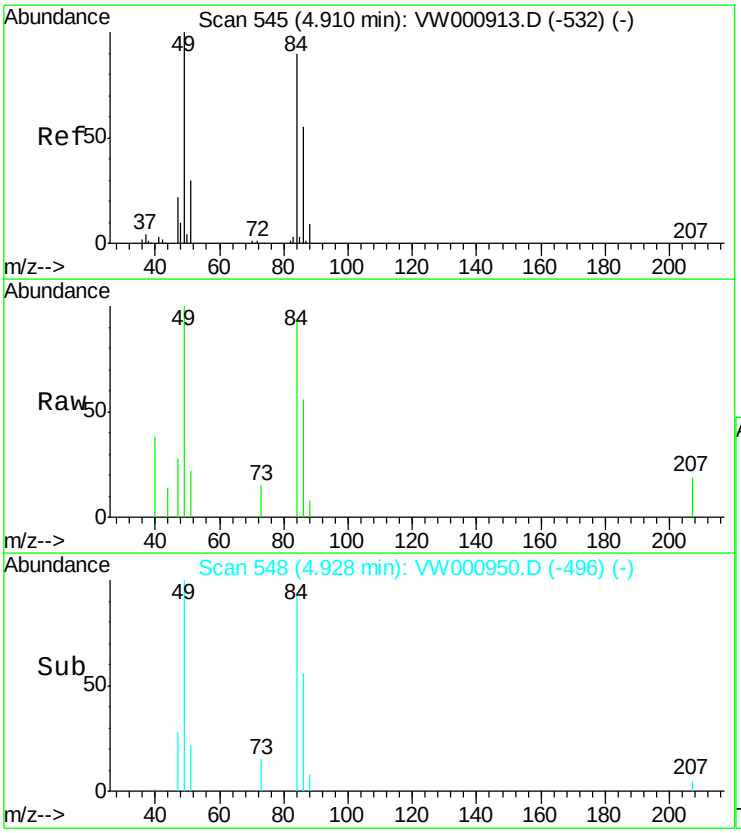
#16
Acetone
Concen: 34.16 ug/l
RT: 4.12 min Scan# 416
Delta R.T. -0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument : MSVOA_W
ClientSampleId : OK-01-012218RE

Tgt Ion: 43 Resp: 1893

Ion	Ratio	Lower	Upper
43	100		
58	33.1	24.9	37.3

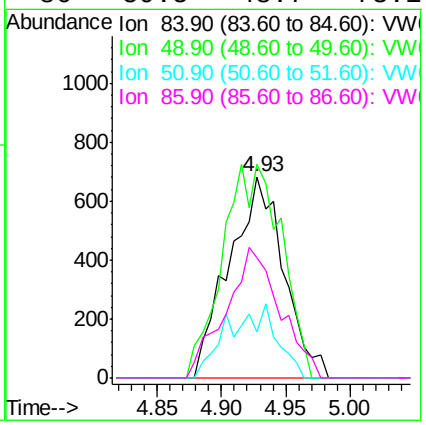


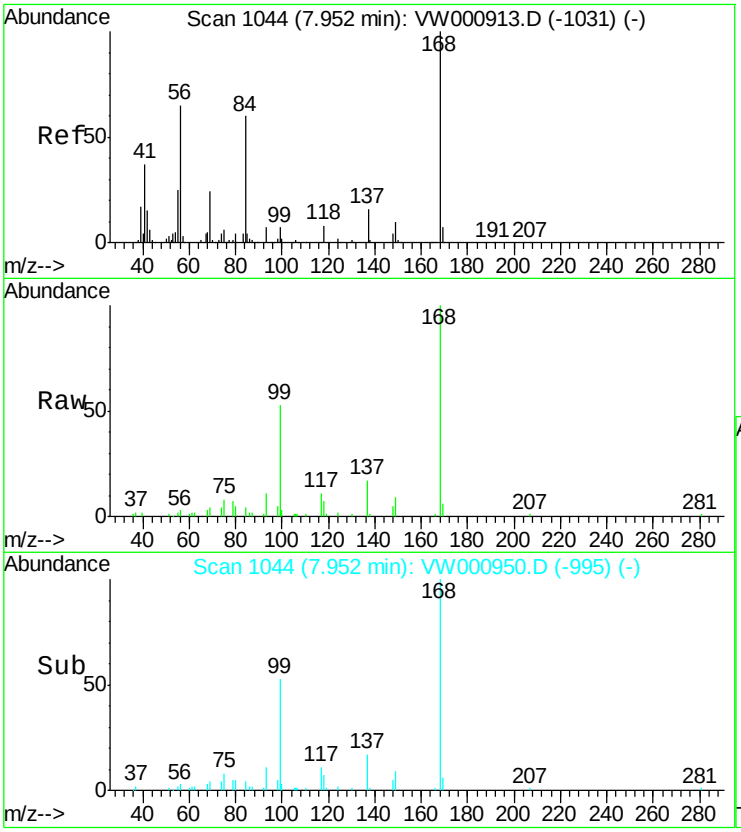


#20
Methylene Chloride
Concen: 6.39 ug/l
RT: 4.93 min Scan# 548
Delta R.T. 0.02 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion: 84 Resp: 2008

Ion	Ratio	Lower	Upper
84	100		
49	106.0	89.0	133.4
51	22.8	26.7	40.1#
86	59.5	48.7	73.1



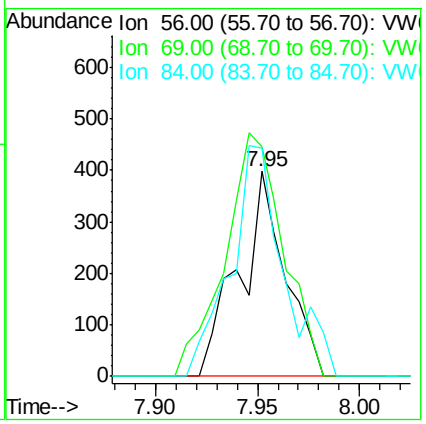


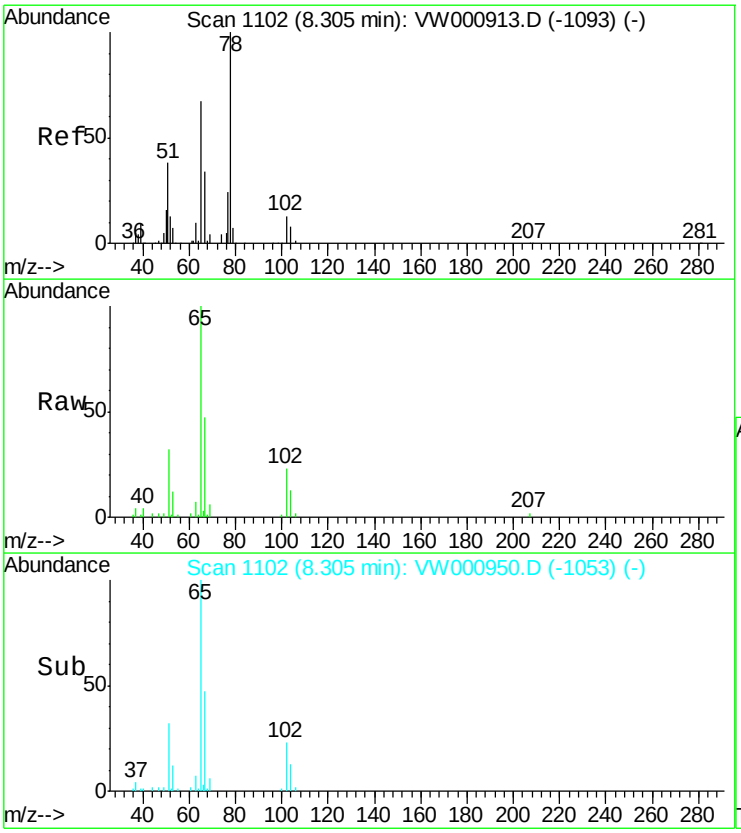
#31
Cyclohexane
Concen: 1.56 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument : MSVOA_W
ClientSampleId : OK-01-012218RE

Tgt Ion: 56 Resp: 631

Ion	Ratio	Lower	Upper
56	100		
69	112.3	29.2	43.8#
84	111.3	73.6	110.4#

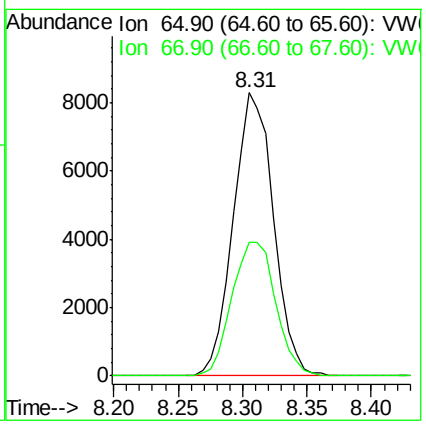


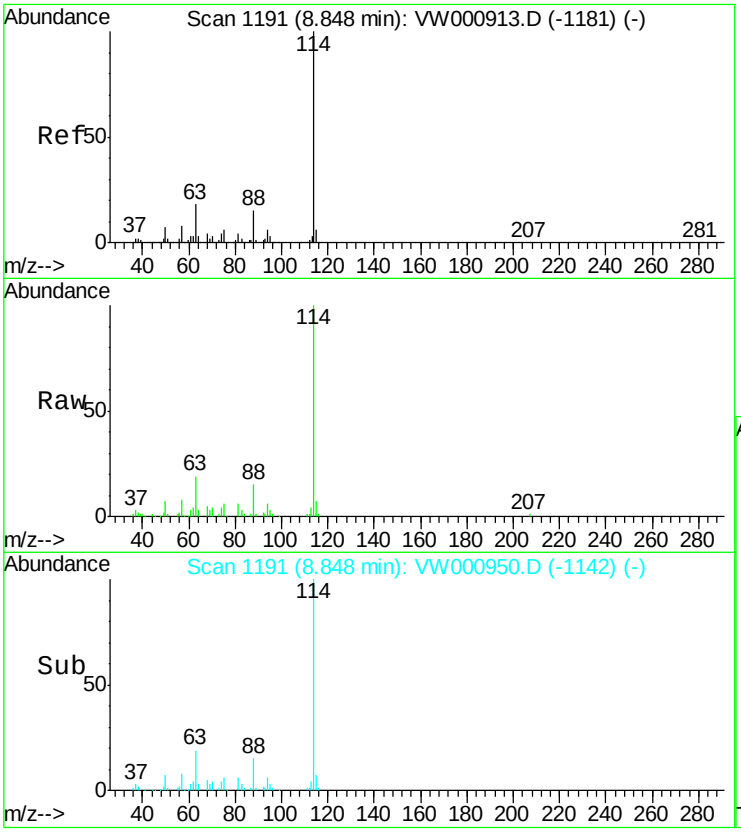


#33
1,2-Dichloroethane-d4
Concen: 72.41 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion: 65 Resp: 17932

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	105.8



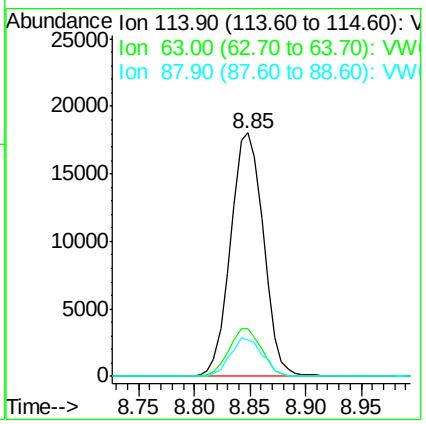


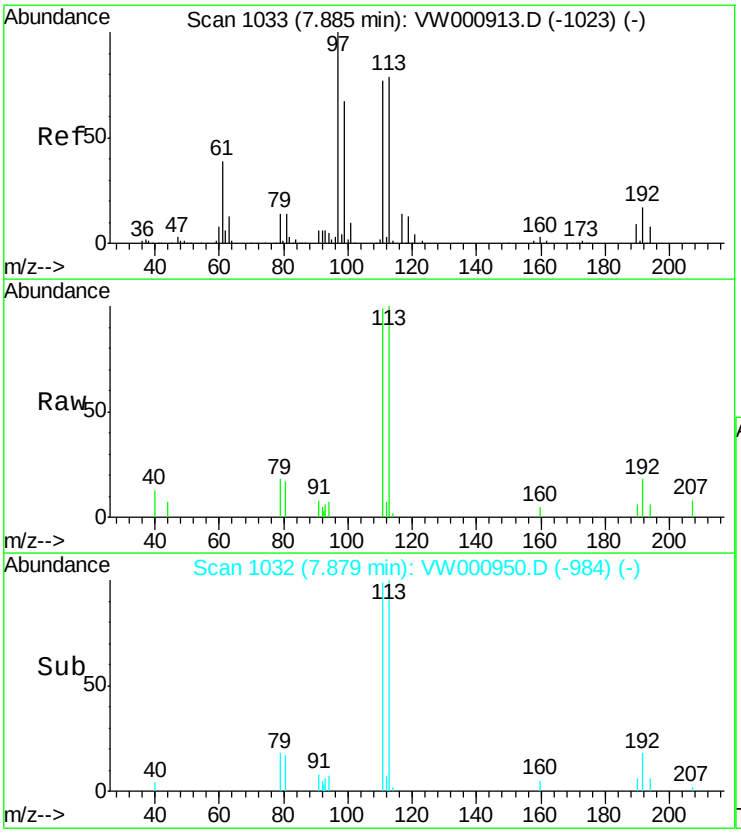
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument :
MSVOA_W
ClientSampleId :
OK-01-012218RE

Tgt Ion:114 Resp: 36908

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	36.8
88	15.0	0.0	29.8

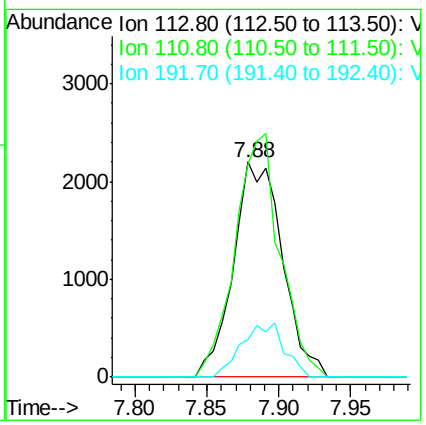


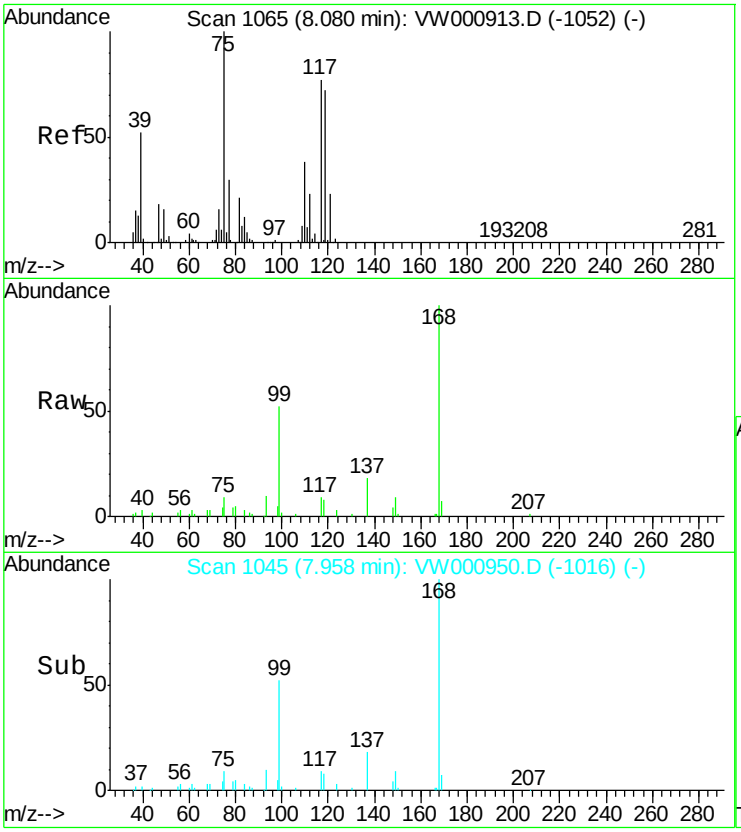


#35
Dibromofluoromethane
Concen: 22.95 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion:113 Resp: 5190

Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.4	120.6
192	21.6	17.0	25.4



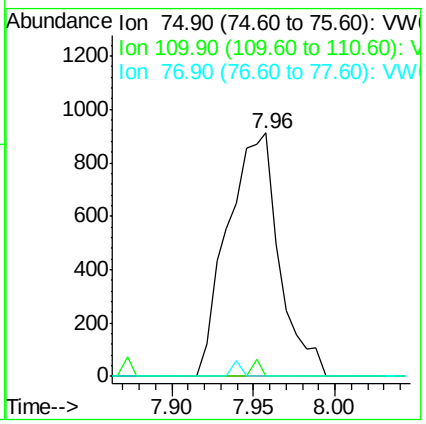


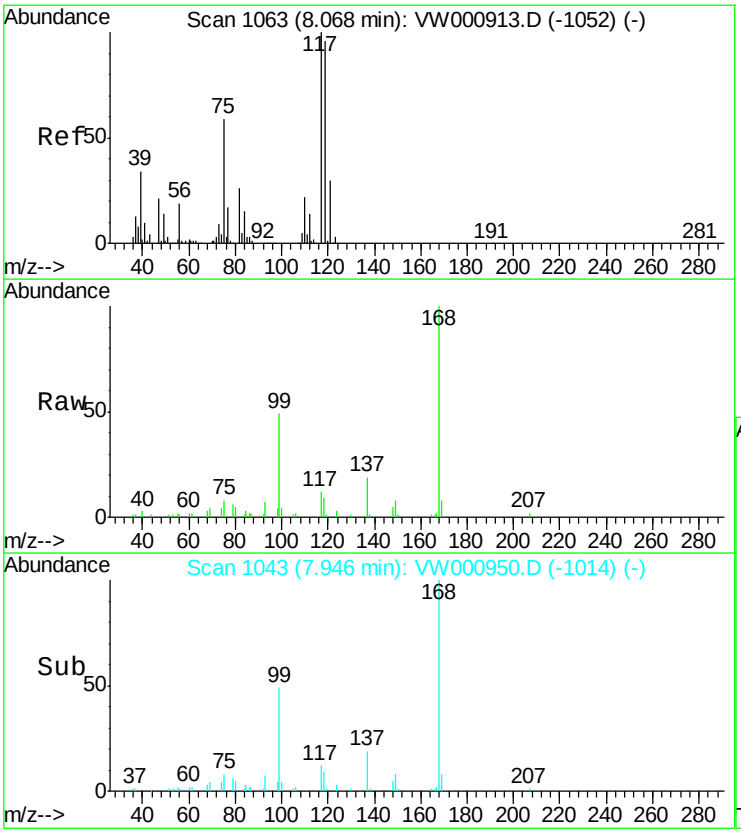
#36
1,1-Dichloropropene
Concen: 5.72 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.12 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument : MSVOA_W
ClientSampleId : OK-01-012218RE

Tgt Ion: 75 Resp: 2013

Ion	Ratio	Lower	Upper
75	100		
110	1.2	18.6	56.0#
77	1.0	24.6	36.8#

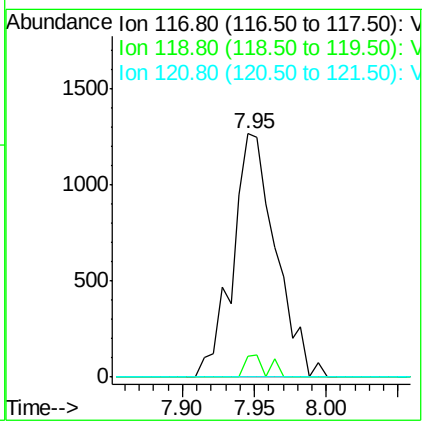


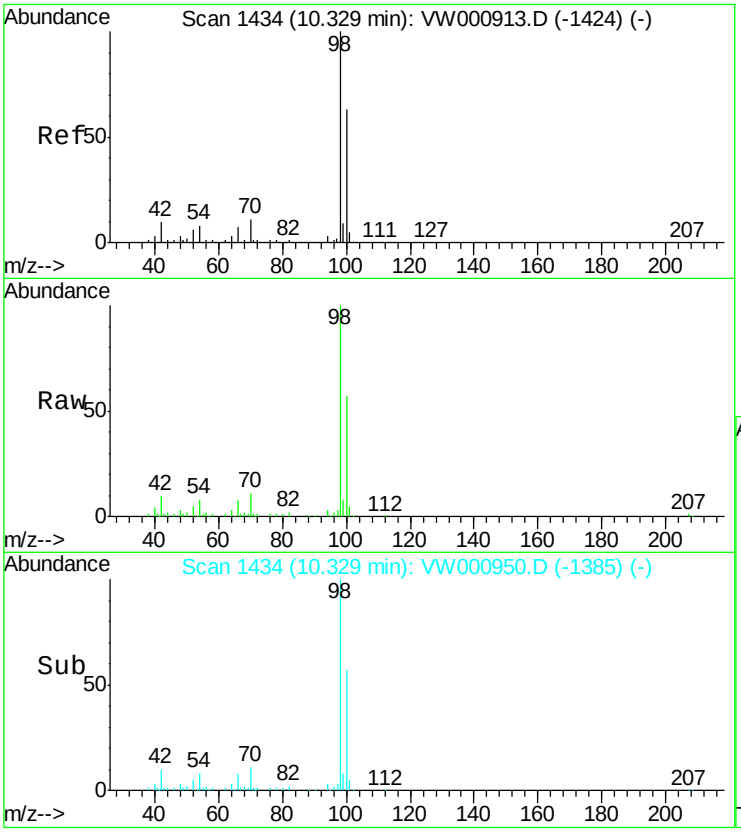


#38
Carbon Tetrachloride
Concen: 6.76 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion:117 Resp: 2627

Ion	Ratio	Lower	Upper
117	100		
119	8.4	76.5	114.7#
121	0.0	24.3	36.5#



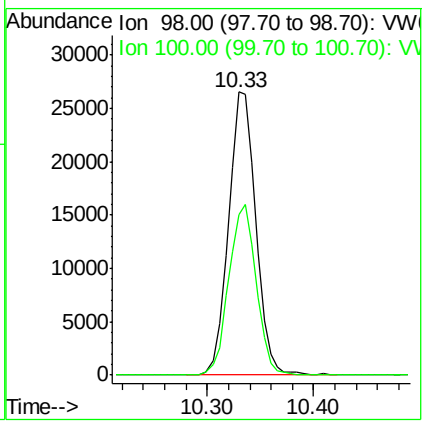


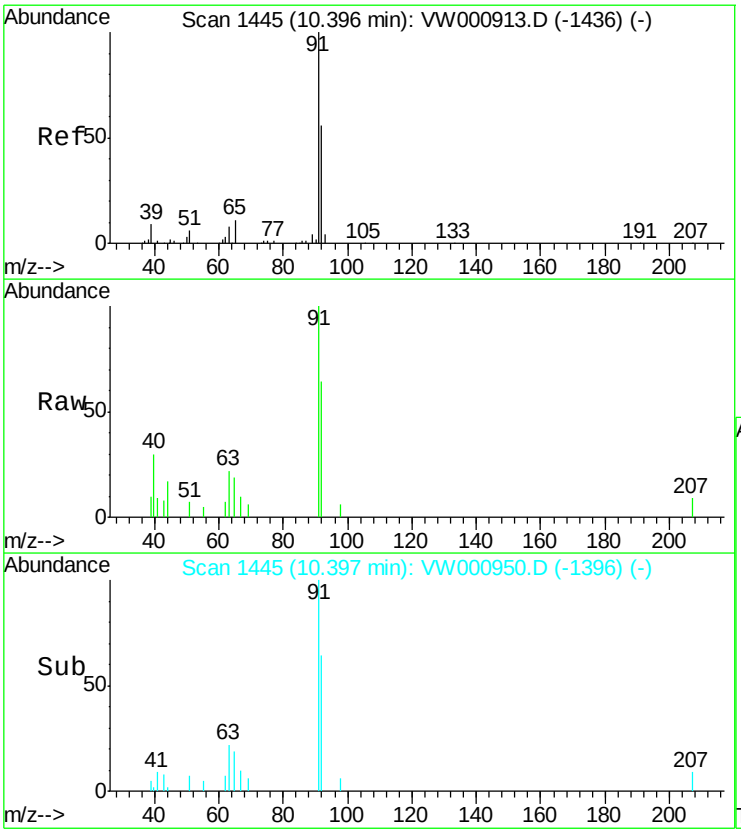
#50
Toluene-d8
Concen: 53.60 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument : MSVOA_W
ClientSampleId : OK-01-012218RE

Tgt Ion: 98 Resp: 47779

Ion	Ratio	Lower	Upper
98	100		
100	60.5	50.8	76.2

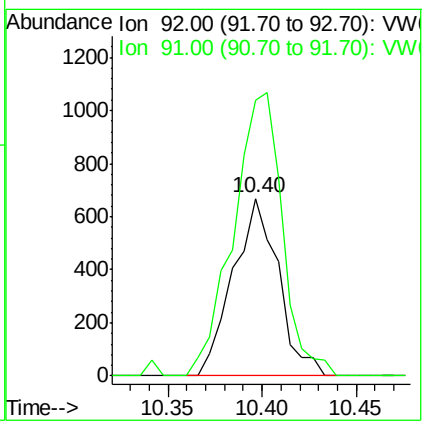


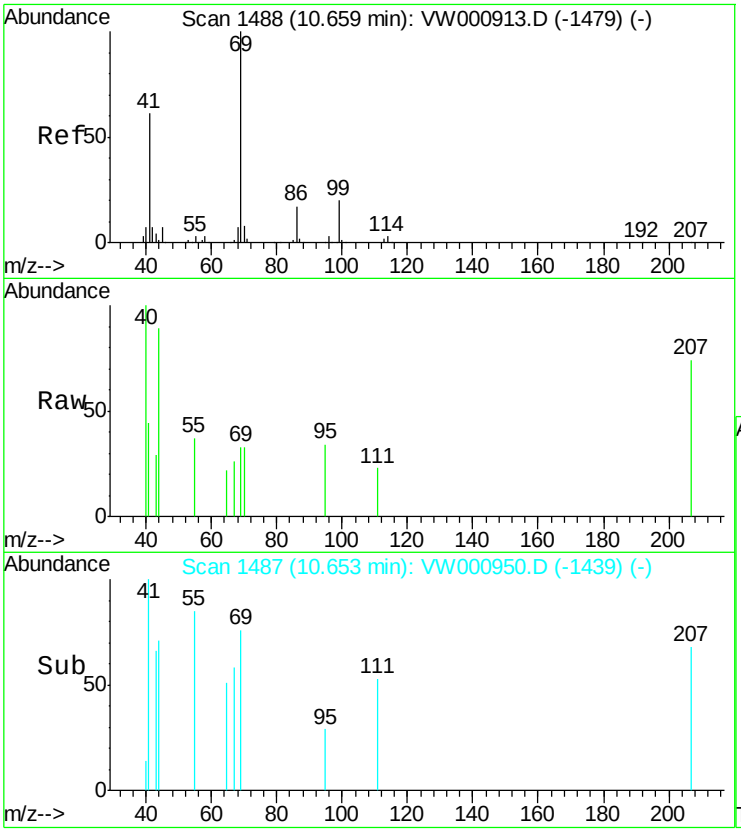


#52
Toluene
Concen: 1.85 ug/l
RT: 10.40 min Scan# 1445
Delta R.T. 0.00 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion: 92 Resp: 1117

Ion	Ratio	Lower	Upper
92	100		
91	172.4	140.7	211.1



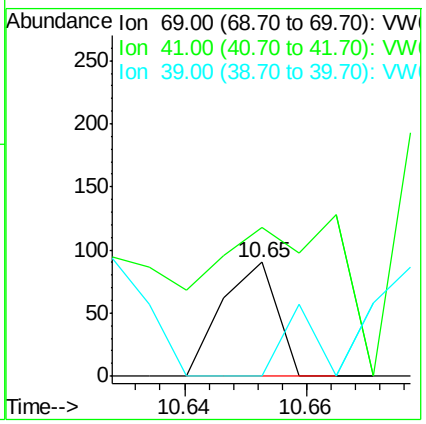


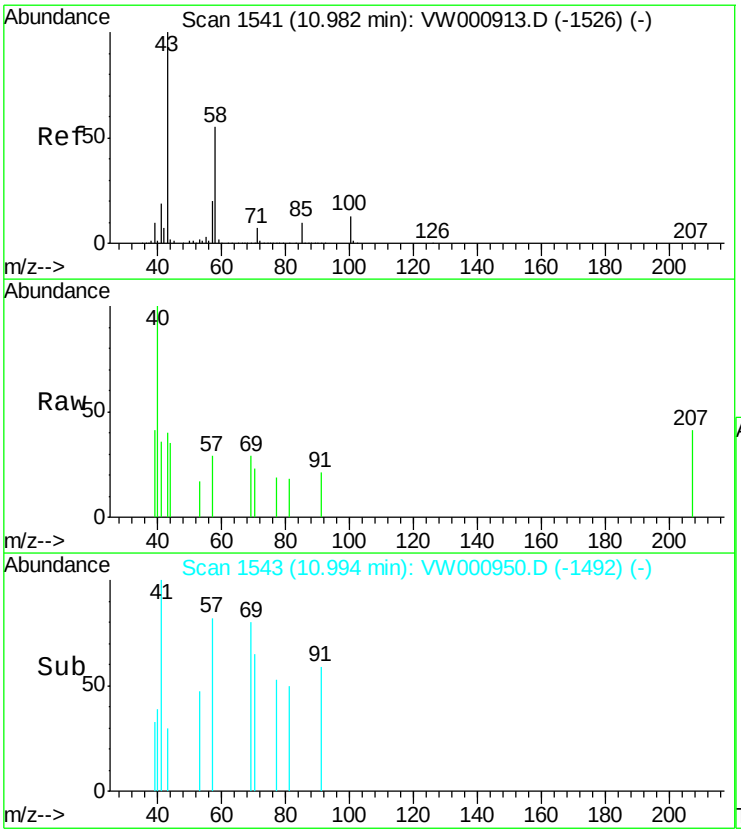
#56
Ethyl methacrylate
Concen: 3.44 ug/l
RT: 10.65 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument : MSVOA_W
ClientSampleId : OK-01-012218RE

Tgt Ion: 69 Resp: 56

Ion	Ratio	Lower	Upper
69	100		
41	287.5	50.3	75.5#
39	0.0	28.6	42.8#

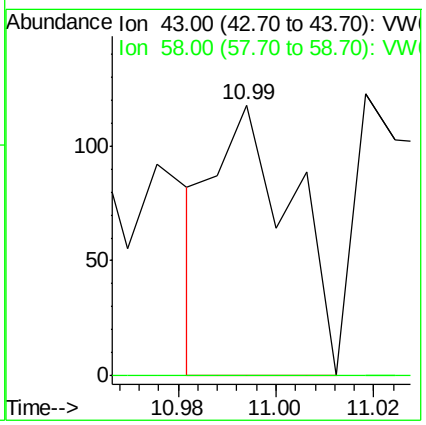


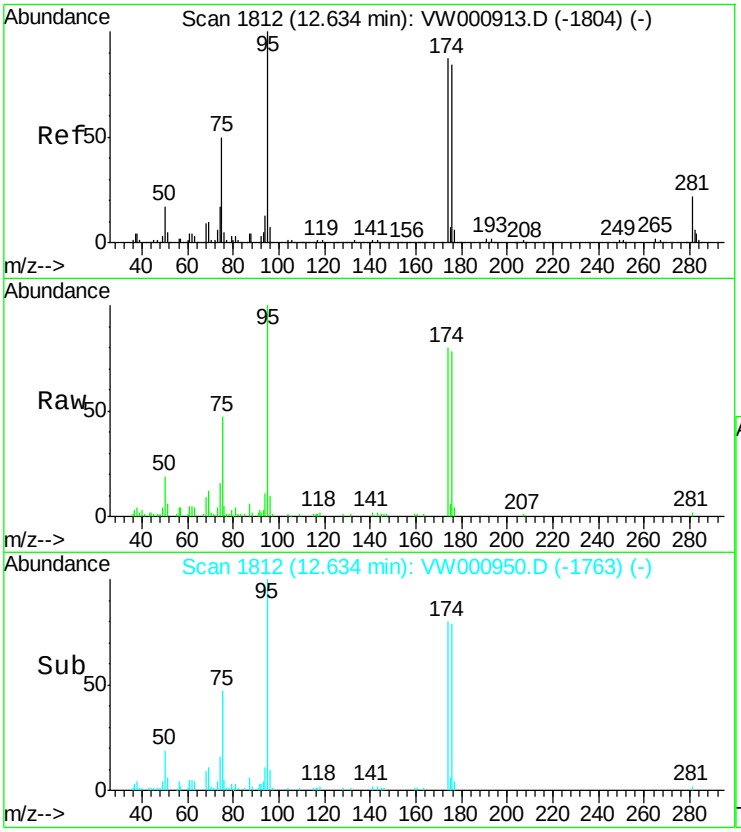


#59
2-Hexanone
Concen: 15.40 ug/l
RT: 10.99 min Scan# 1543
Delta R.T. 0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion: 43 Resp: 131

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.4	82.2#



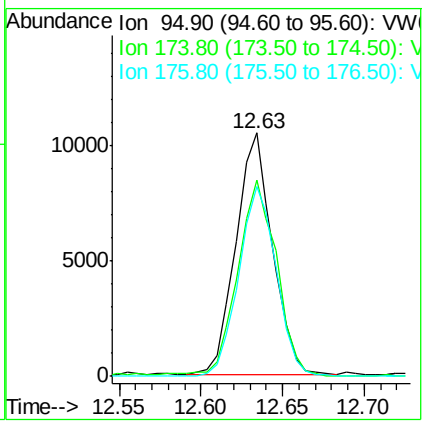


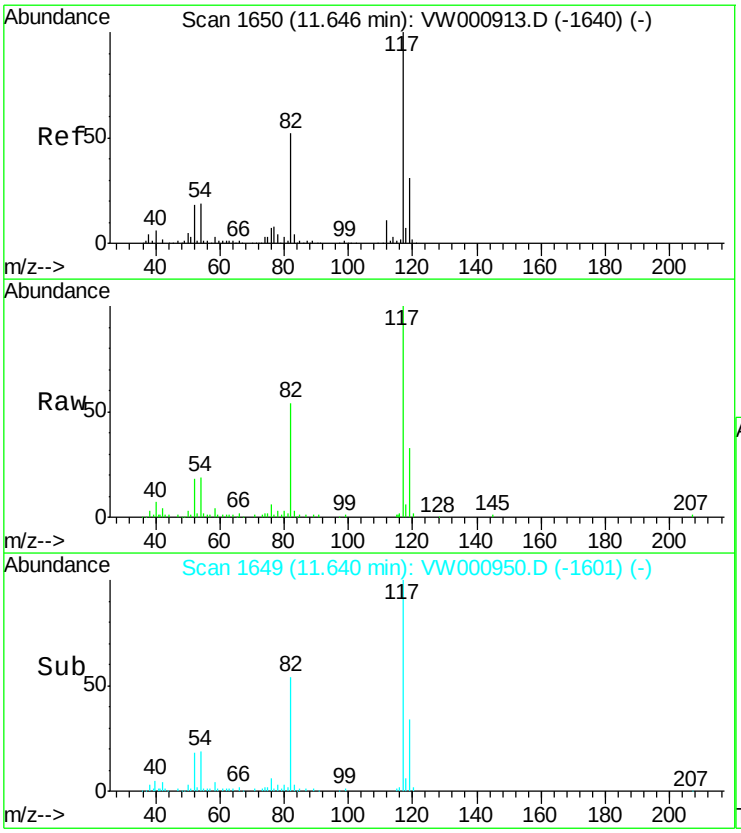
#62
4-Bromofluorobenzene
Concen: 50.29 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument :
MSVOA_W
ClientSampleId :
OK-01-012218RE

Tgt Ion: 95 Resp: 16326

Ion	Ratio	Lower	Upper
95	100		
174	86.8	0.0	176.8
176	80.7	0.0	171.8

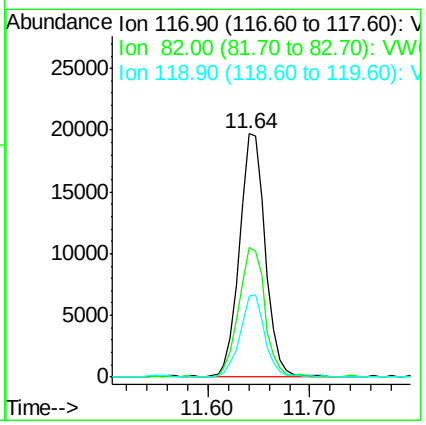


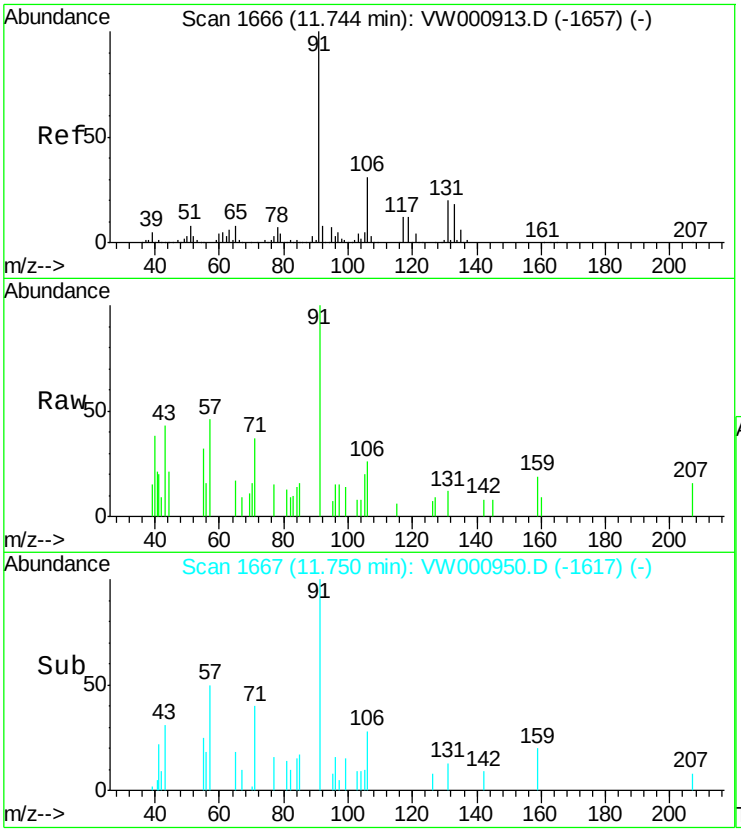


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion:117 Resp: 34641

Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.8	62.6
119	33.4	25.2	37.8



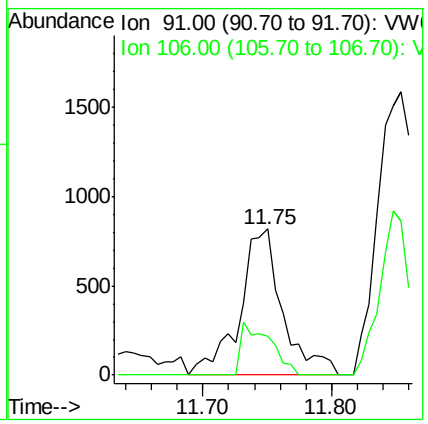


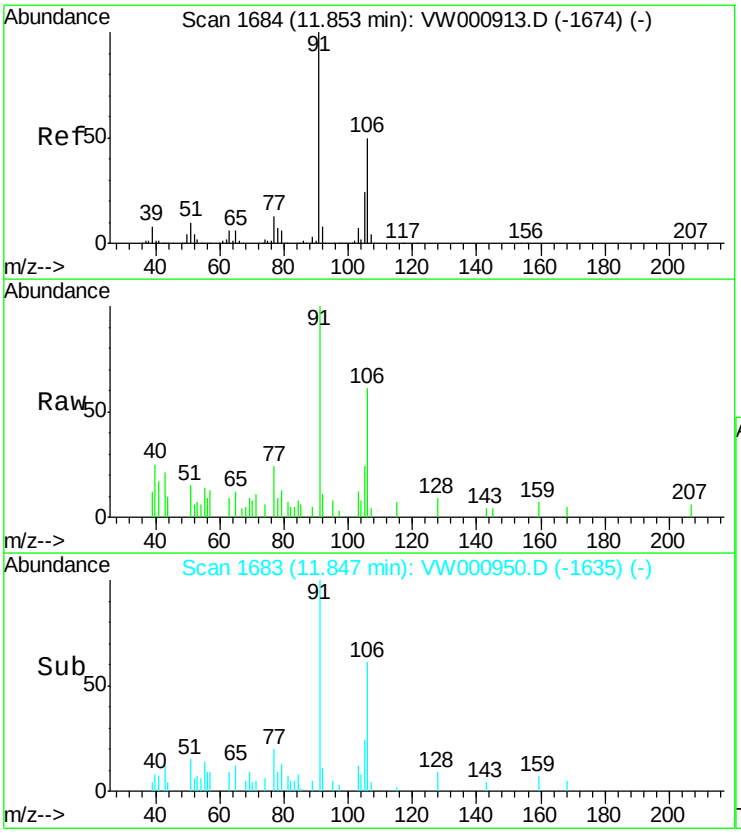
#67
Ethyl Benzene
Concen: 1.56 ug/l
RT: 11.75 min Scan# 1667
Delta R.T. 0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument : MSVOA_W
ClientSampleId : OK-01-012218RE

Tgt Ion: 91 Resp: 1871

Ion	Ratio	Lower	Upper
91	100		
106	26.3	25.1	37.7

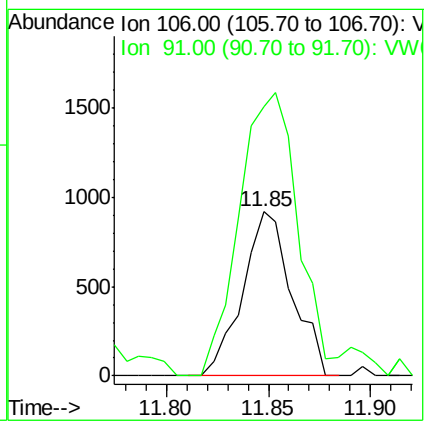


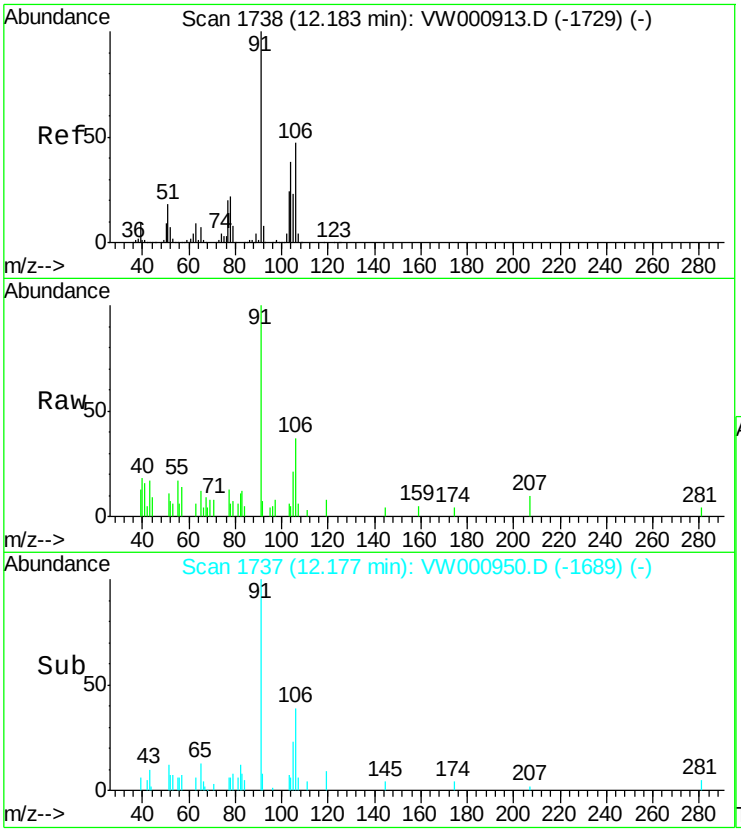


#68
m/p-Xylenes
Concen: 3.31 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion:106 Resp: 1546

Ion	Ratio	Lower	Upper
106	100		
91	206.0	161.9	242.9



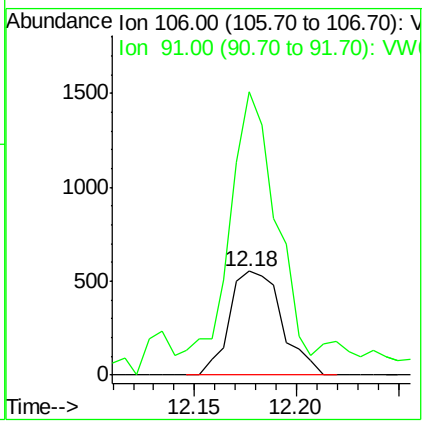


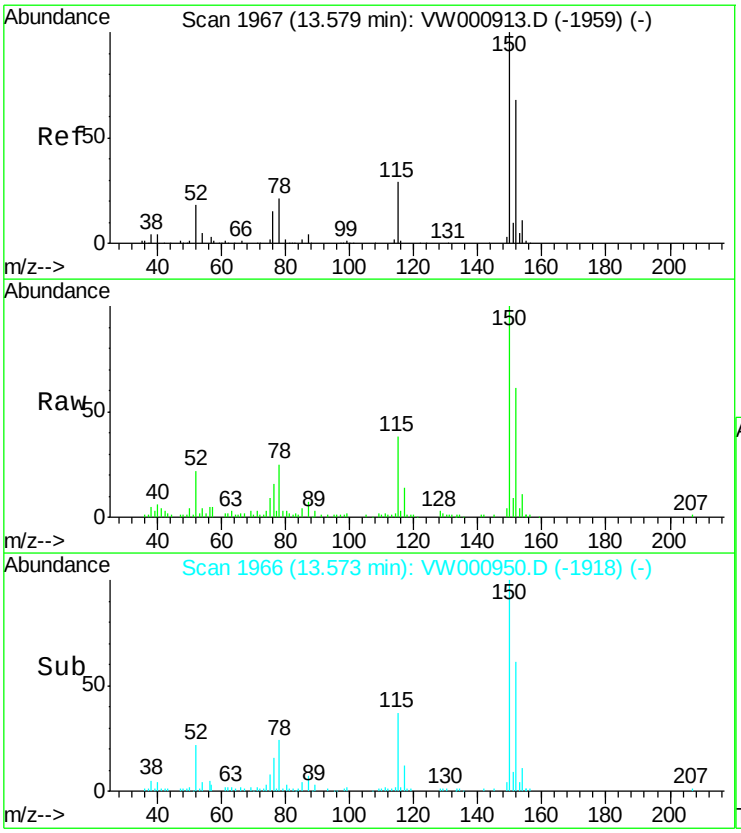
#69
o-Xylene
Concen: 2.29 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument : MSVOA_W
ClientSampleId : OK-01-012218RE

Tgt Ion:106 Resp: 979

Ion	Ratio	Lower	Upper
106	100		
91	214.7	106.3	318.8

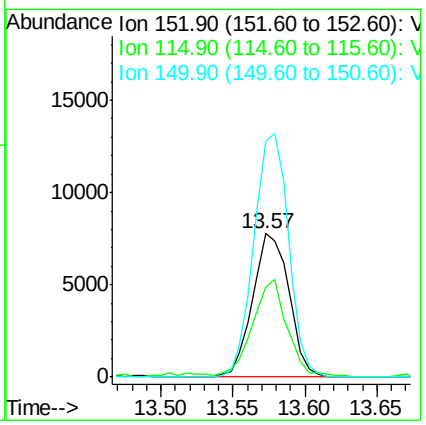


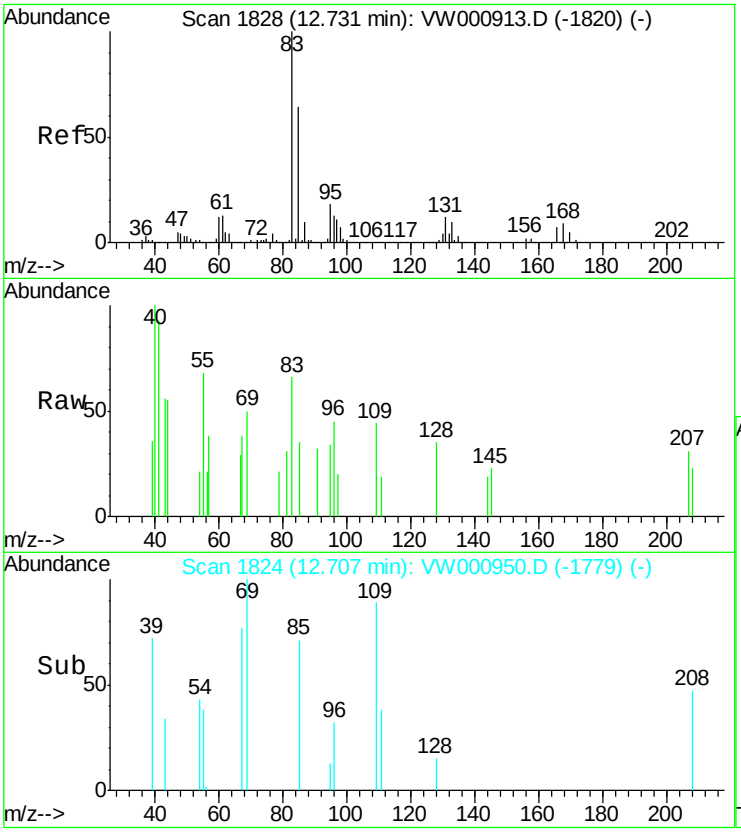


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion:152 Resp: 13554

Ion	Ratio	Lower	Upper
152	100		
115	65.1	28.5	85.5
150	161.9	0.0	342.0



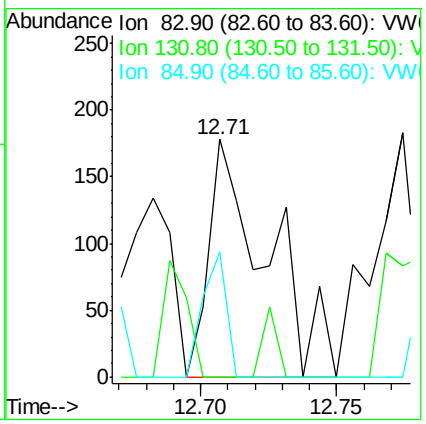


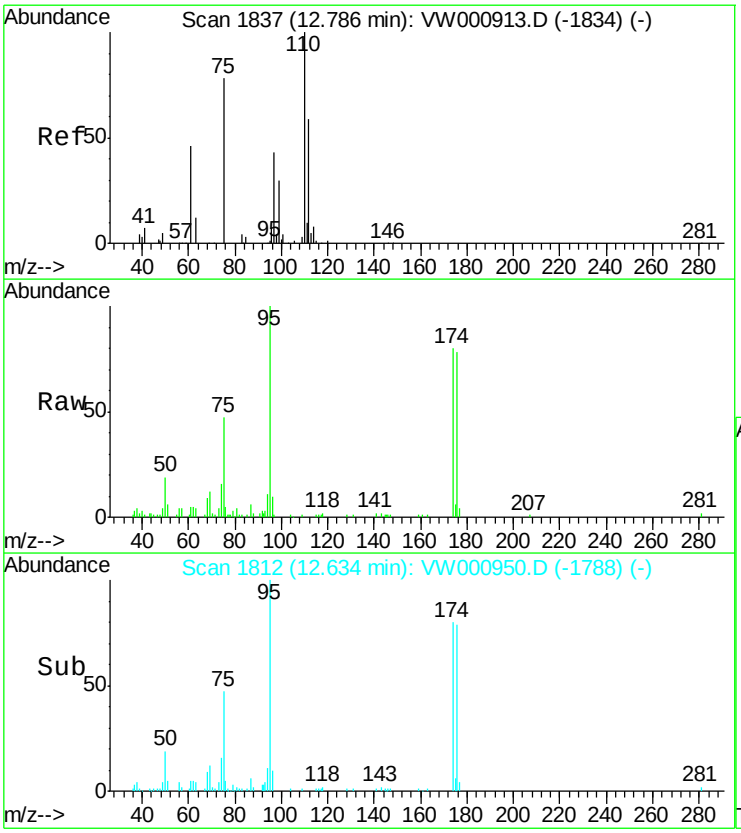
#75
1,1,2,2-Tetrachloroethane
Concen: 1.41 ug/l
RT: 12.71 min Scan# 1824
Delta R.T. -0.02 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument : MSVOA_W
ClientSampleId : OK-01-012218RE

Tgt Ion: 83 Resp: 264

Ion	Ratio	Lower	Upper
83	100		
131	7.2	5.9	17.7
85	21.2	32.6	97.7#

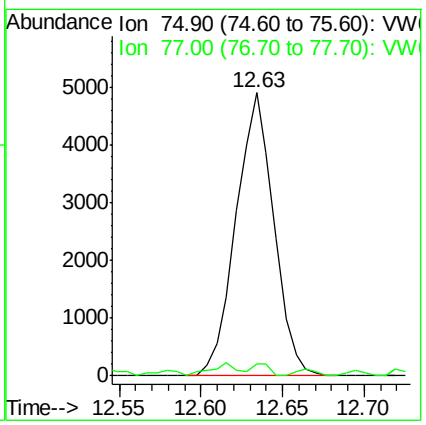


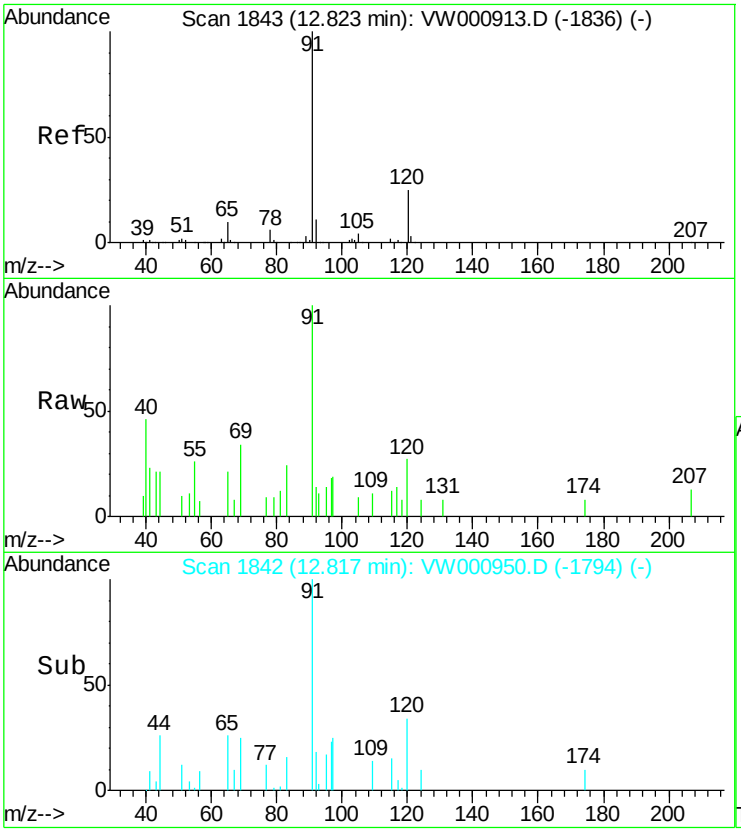


#76
1,2,3-Trichloropropane
Concen: 50.62 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. -0.15 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion: 75 Resp: 7940

Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#



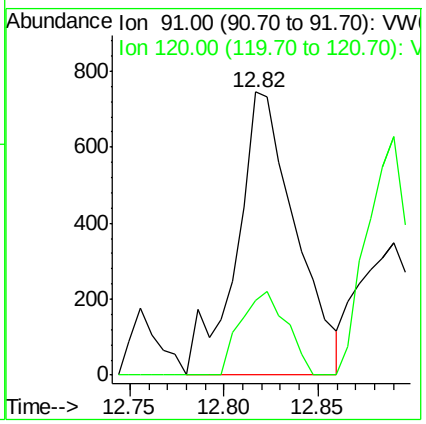


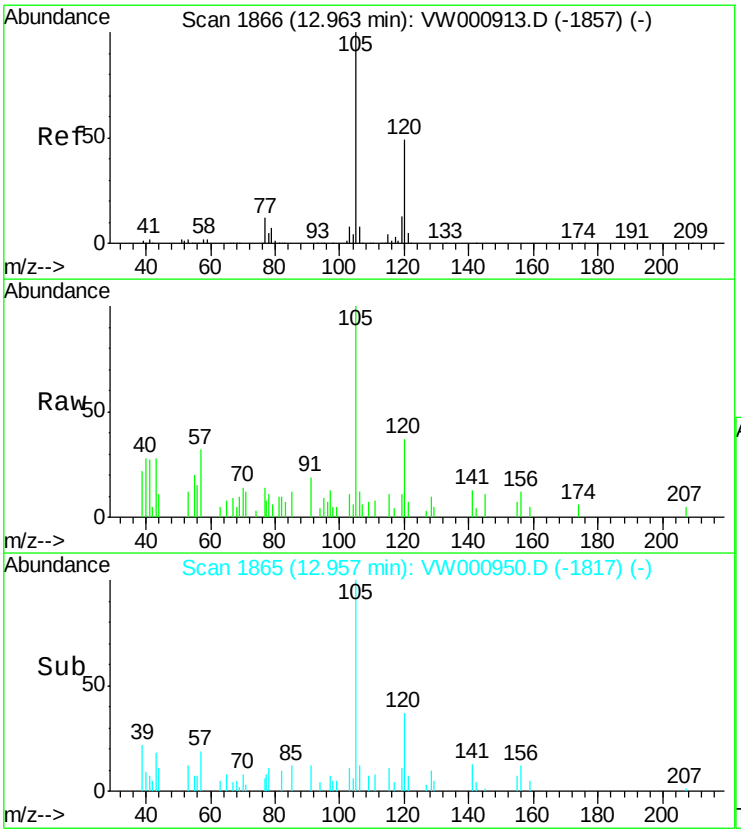
#78
n-propylbenzene
Concen: 1.53 ug/l
RT: 12.82 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument : MSVOA_W
ClientSampleId : OK-01-012218RE

Tgt Ion: 91 Resp: 1619

Ion	Ratio	Lower	Upper
91	100		
120	23.2	12.0	36.1

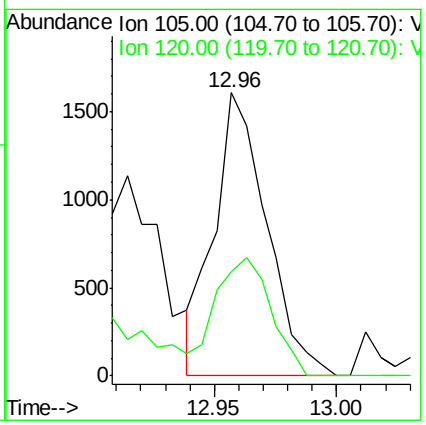


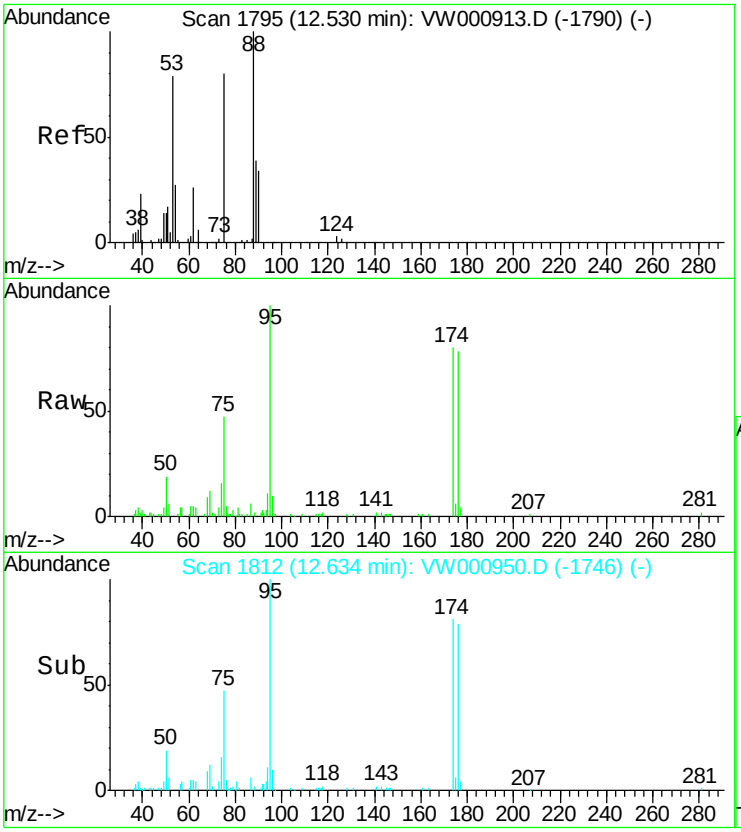


#80
1,3,5-Trimethylbenzene
Concen: 3.22 ug/l
RT: 12.96 min Scan# 1865
Delta R.T. -0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion:105 Resp: 2397

Ion	Ratio	Lower	Upper
105	100		
120	44.4	24.3	72.9



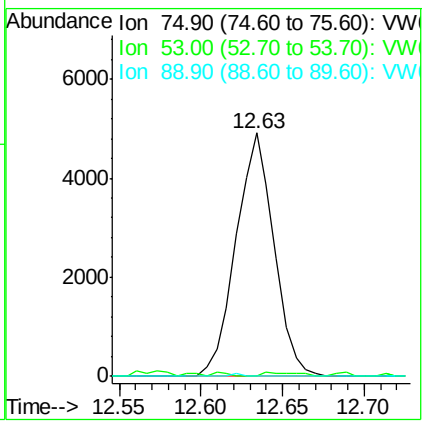


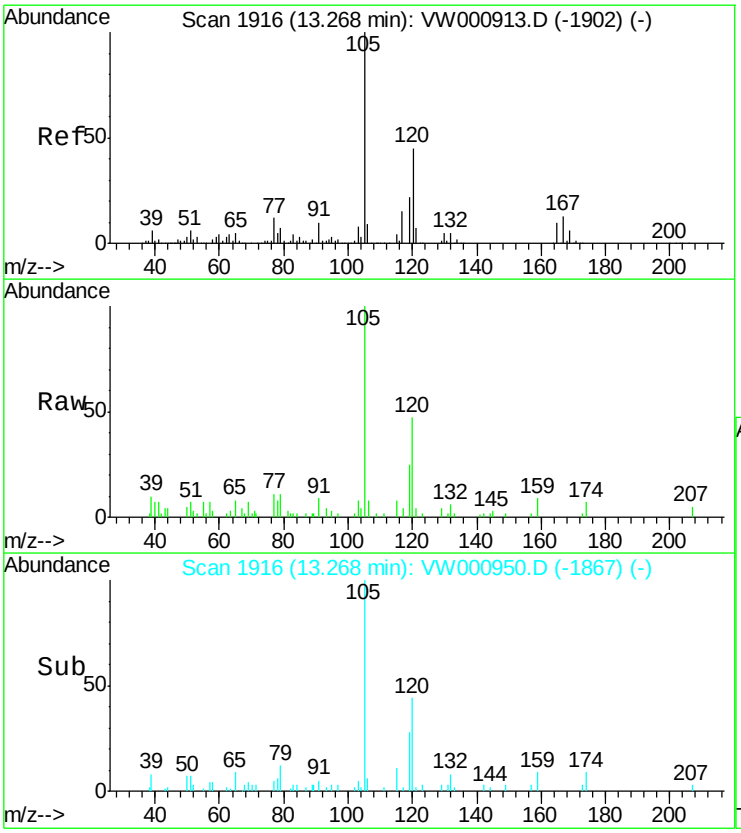
#81
trans-1,4-Dichloro-2-butene
Concen: 120.02 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.10 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument : MSVOA_W
ClientSampleId : OK-01-012218RE

Tgt Ion: 75 Resp: 7940

Ion	Ratio	Lower	Upper
75	100		
53	1.5	77.5	116.3#
89	0.0	38.2	57.4#

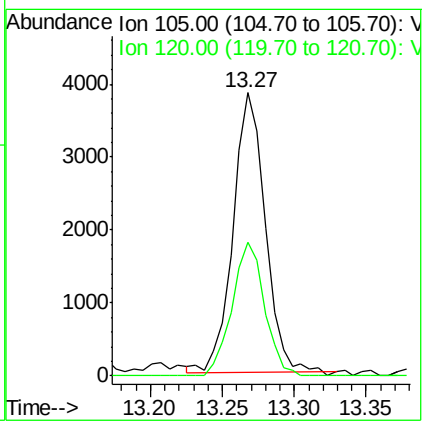


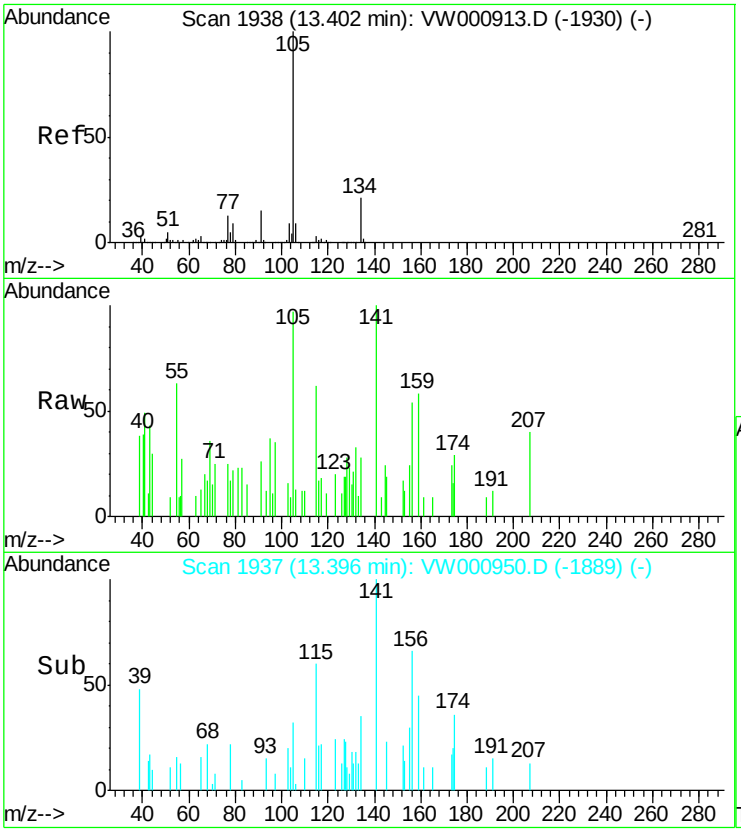


#84
1,2,4-Trimethylbenzene
Concen: 7.91 ug/l
RT: 13.27 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion:105 Resp: 5959

Ion	Ratio	Lower	Upper
105	100		
120	48.1	22.4	67.0



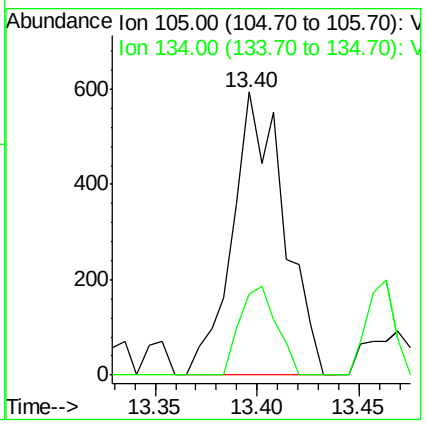


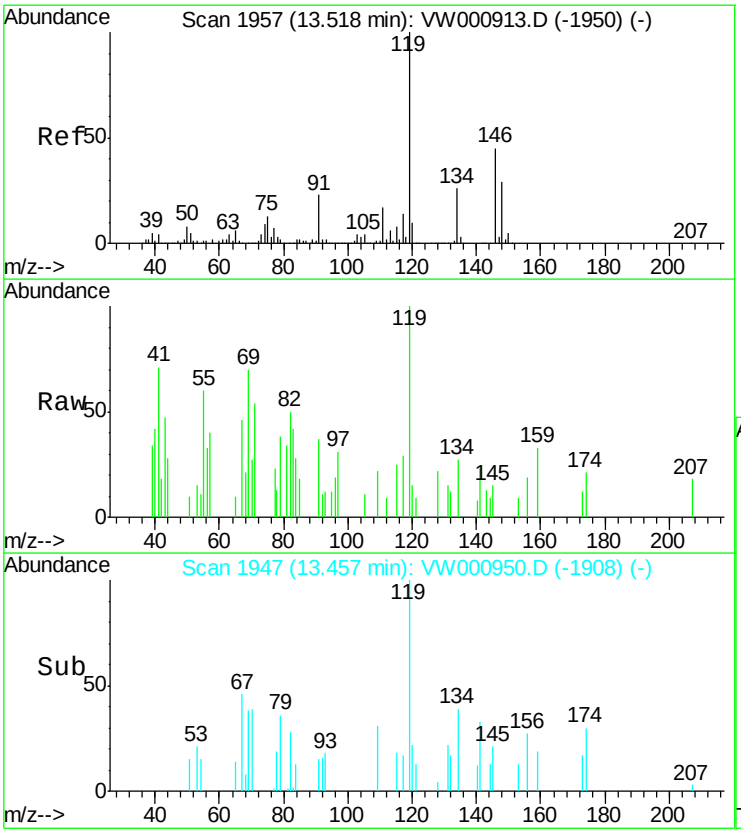
#85
sec-Butylbenzene
Concen: 1.11 ug/l
RT: 13.40 min Scan# 1937
Delta R.T. -0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument :
MSVOA_W
ClientSampleId :
OK-01-012218RE

Tgt Ion:105 Resp: 1042

Ion	Ratio	Lower	Upper
105	100		
134	22.4	10.3	30.9

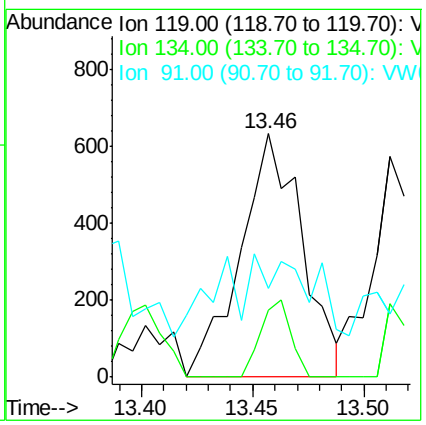


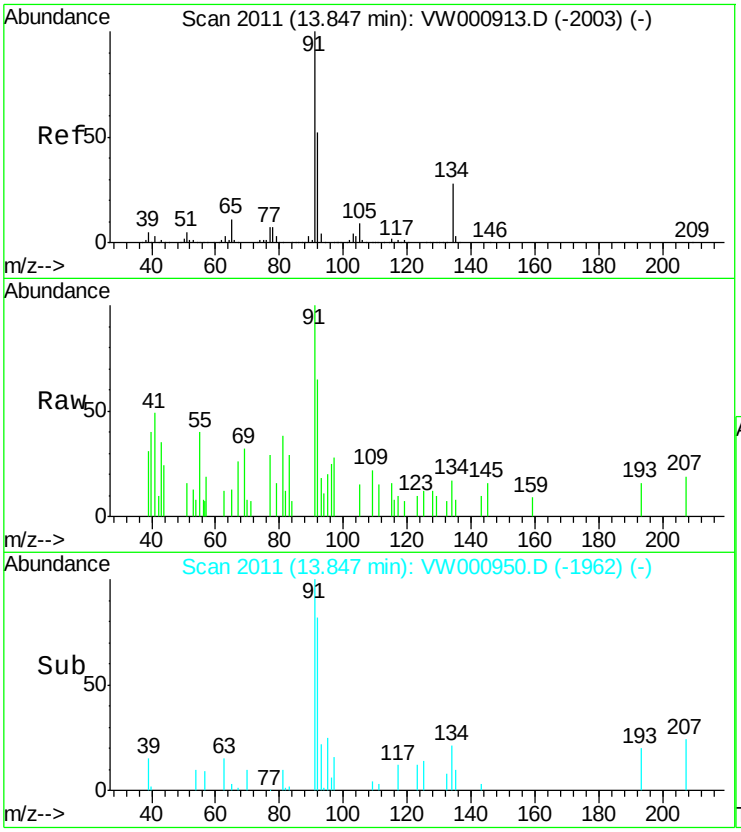


#86
p-Isopropyltoluene
Concen: 1.46 ug/l
RT: 13.46 min Scan# 1947
Delta R.T. -0.06 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion:119 Resp: 1218

Ion	Ratio	Lower	Upper
119	100		
134	15.6	13.2	39.6
91	29.7	11.7	35.0



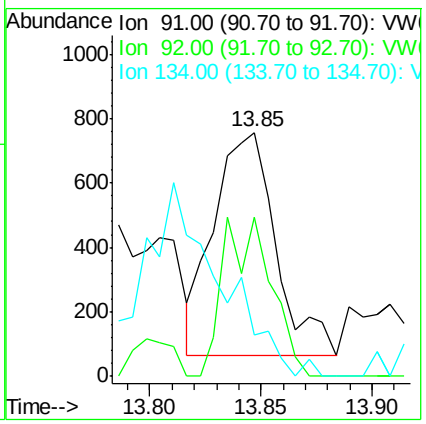


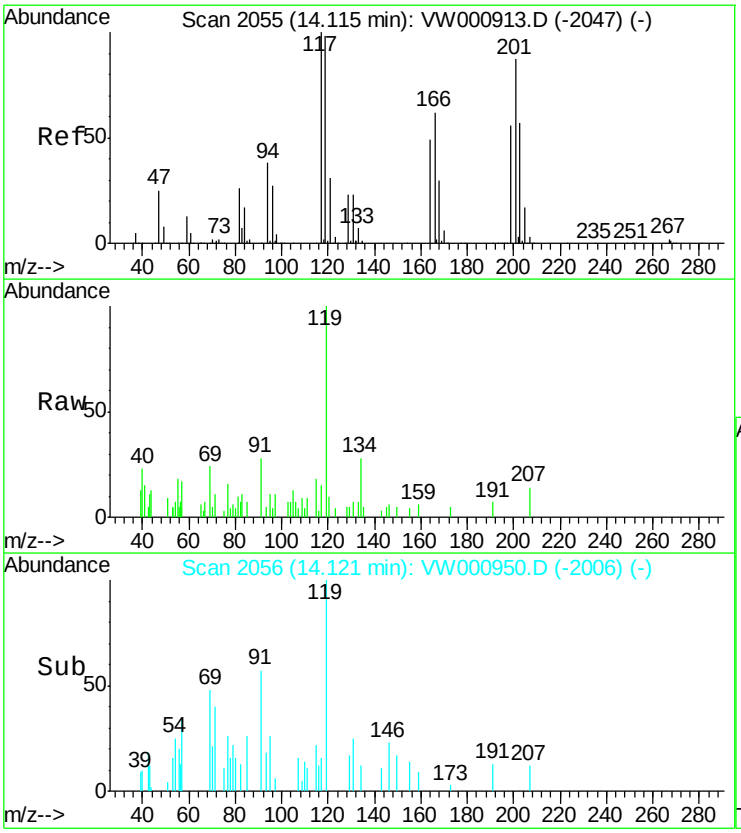
#89
n-Butylbenzene
Concen: 1.71 ug/l
RT: 13.85 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument : MSVOA_W
ClientSampleId : OK-01-012218RE

Tgt Ion: 91 Resp: 1342

Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.2	78.6
134	0.0	13.7	41.1#

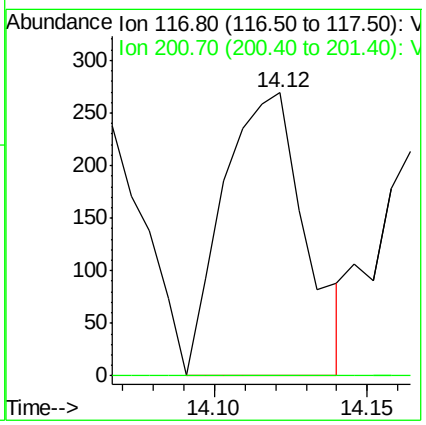


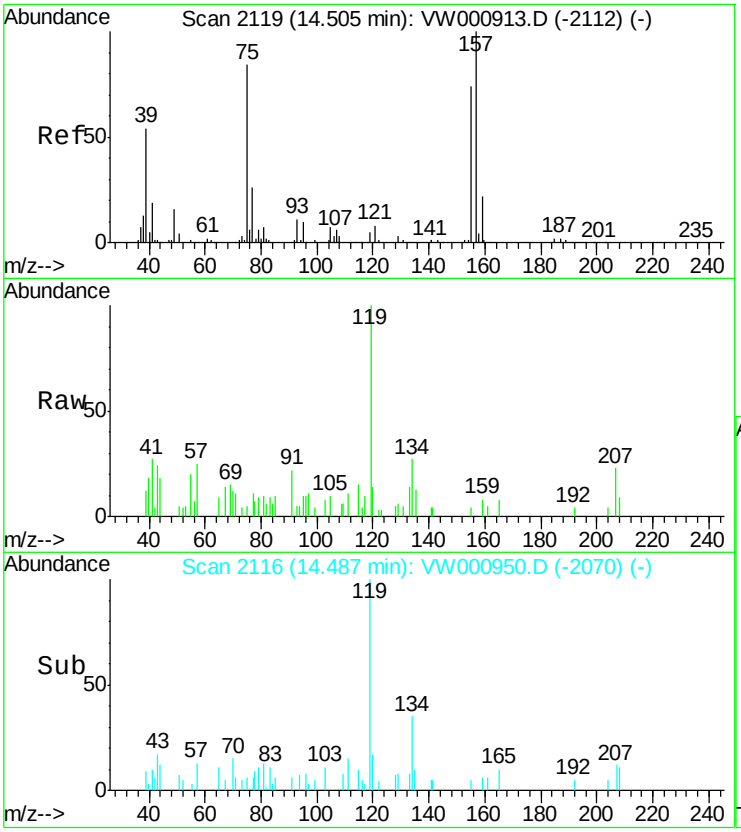


#90
Hexachloroethane
Concen: 3.23 ug/l
RT: 14.12 min Scan# 2056
Delta R.T. 0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion:117 Resp: 501

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.8	128.3#



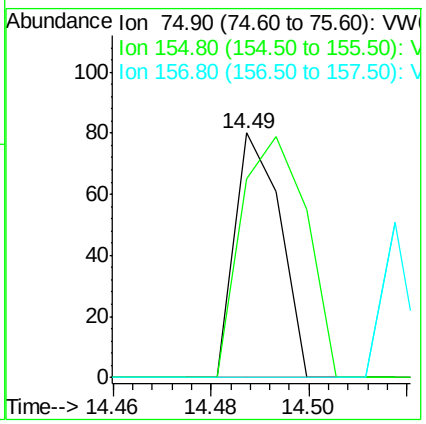


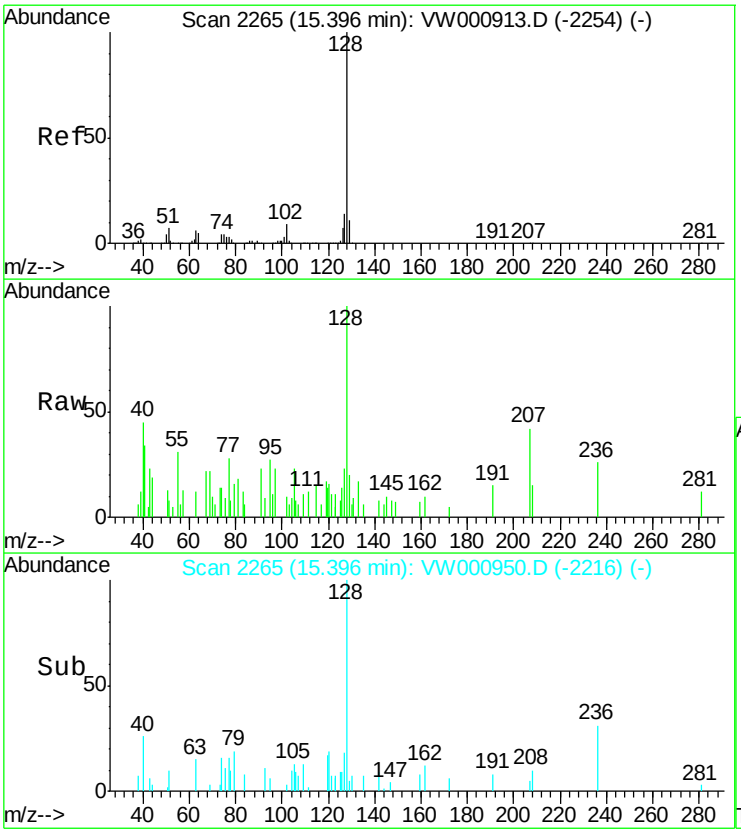
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.26 ug/l
RT: 14.49 min Scan# 2116
Delta R.T. -0.02 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Instrument : MSVOA_W
ClientSampleId : OK-01-012218RE

Tgt Ion: 75 Resp: 52

Ion	Ratio	Lower	Upper
75	100		
155	140.4	45.9	137.6#
157	0.0	59.8	179.3#





#95
Naphthalene
Concen: 3.31 ug/l
RT: 15.40 min Scan# 2265
Delta R.T. 0.00 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion:128 Resp: 2070

Ion	Ratio	Lower	Upper
128	100		
127	21.7	10.6	15.8#
129	41.2	8.7	13.1#