Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012918\
Data File : VW001131.D
Acq On : 29 Jan 2018 20:49
Operator : JC/SY
Sample : J1009-07
Misc : 5.20G/5.0ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : AU-05-012518-D

Quant Time: Jan 30 14:43:15 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 30 01:11:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	10904	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	14983	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.64	117	13780	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	5786	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	7240	68.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 136.60%				
35) Dibromofluoromethane	7.88	113	1281	13.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 26.74%				
50) Toluene-d8	10.33	98	20311	55.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.12%				
62) 4-Bromofluorobenzene	12.63	95	6242	45.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.84%				
Target Compounds							Qvalue
3) Chloromethane	2.22	50	395	4.89	ug/l		89
5) Bromomethane	2.81	94	473	4.70	ug/l	#	59
6) Chloroethane	2.90	64	222	4.87	ug/l	#	42
10) Methyl Iodide	4.29	142	1311	12.50	ug/l	#	88
13) Acrolein	3.77	56	21	1.54	ug/l	#	13
16) Acetone	4.13	43	1009	36.20	ug/l	#	87
18) Methyl Acetate	4.52	43	19	Below Cal		#	50
20) Methylene Chloride	4.92	84	2095	21.32	ug/l	#	81
25) 2-Butanone	7.18	43	82	2.24	ug/l	#	46
31) Cyclohexane	7.95	56	348	2.21	ug/l	#	60
37) Ethyl Acetate	7.18	43	82	1.15	ug/l	#	67
38) Carbon Tetrachloride	7.95	117	1011	6.69	ug/l	#	12
52) Toluene	10.40	92	3367	14.00	ug/l		95
67) Ethyl Benzene	11.74	91	521	1.12	ug/l		99
68) m/p-Xylenes	11.84	106	799	4.42	ug/l		94
69) o-Xylene	12.17	106	349	2.09	ug/l		67
76) 1,2,3-Trichloropropane	12.63	75	3577	61.00	ug/l	#	100
77) Bromobenzene	12.93	156	164	1.74	ug/l	#	1
80) 1,3,5-Trimethylbenzene	12.96	105	576	1.86	ug/l		77
81) trans-1,4-Dichloro-2-buten	12.63	75	3577	160.39	ug/l	#	12
84) 1,2,4-Trimethylbenzene	13.27	105	1681	5.33	ug/l		94
86) p-Isopropyltoluene	13.51	119	658	1.91	ug/l	#	79
92) 1,2-Dibromo-3-Chloropropan	14.66	75	46	3.08	ug/l	#	1
95) Naphthalene	15.40	128	634	2.57	ug/l	#	77

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

Quantitation Report (QT Reviewed)

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MSVOA_W
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AU-05-012518-D

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Quant Title : SW846 8260
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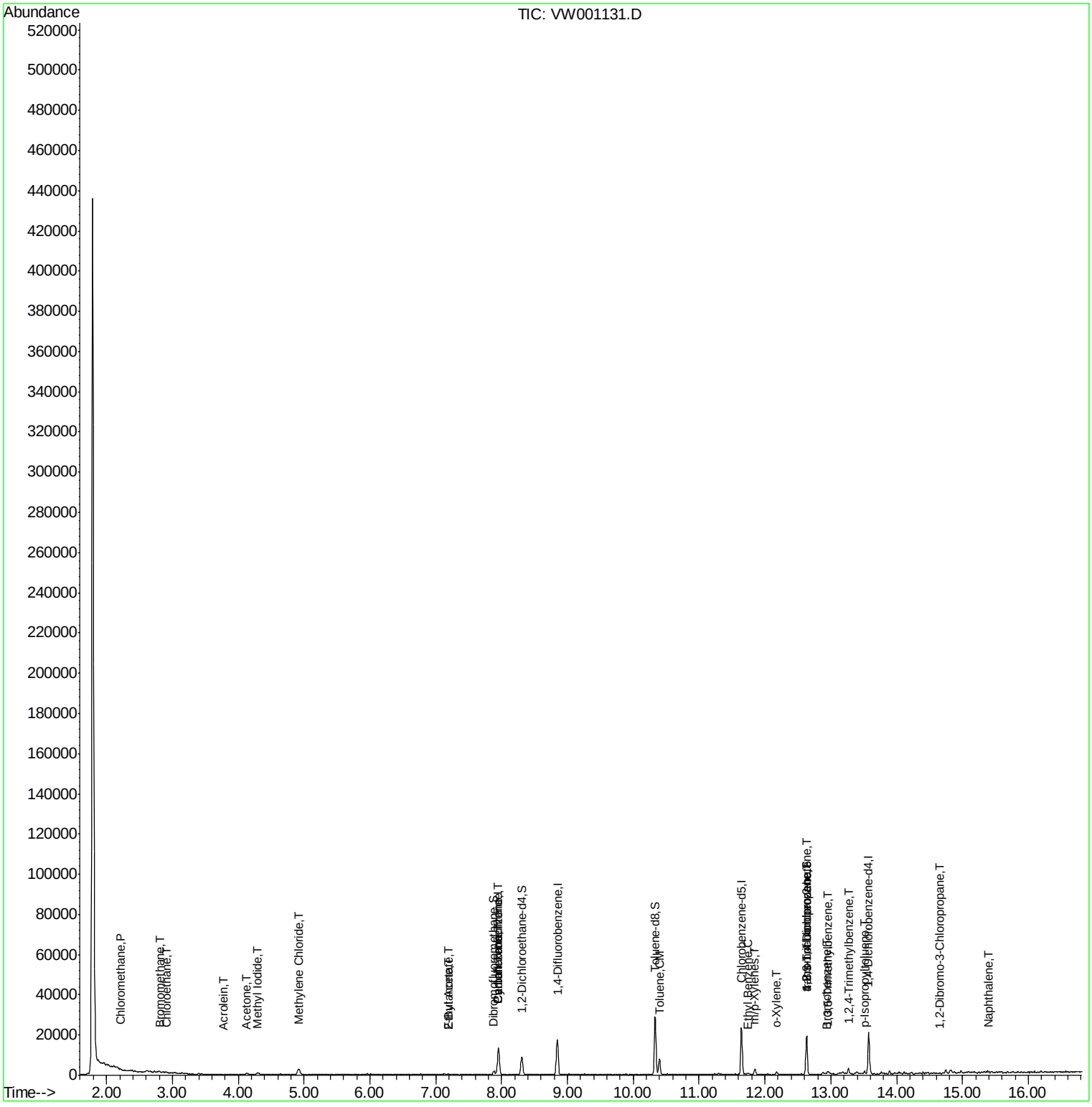
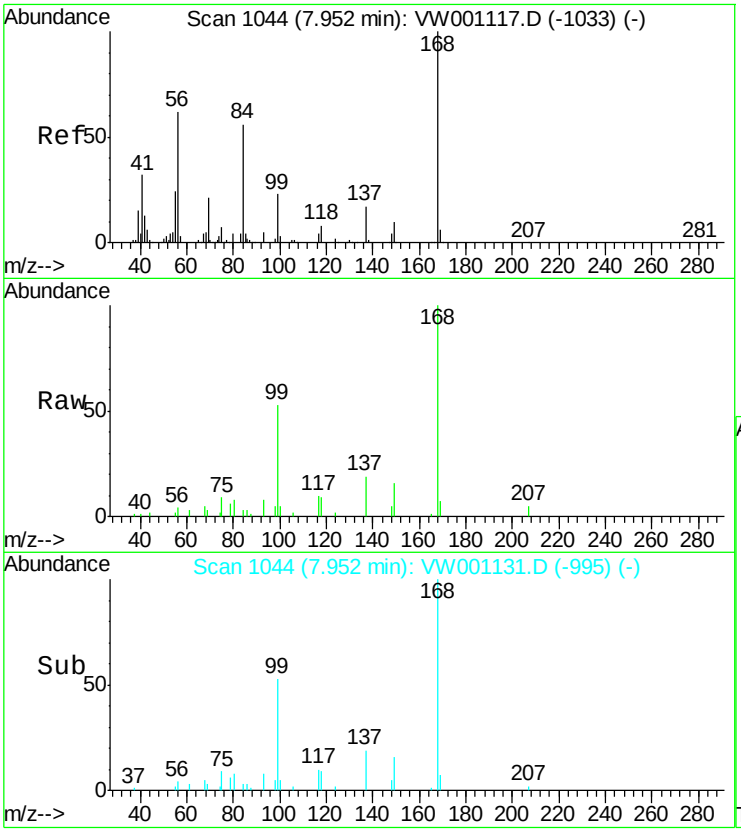


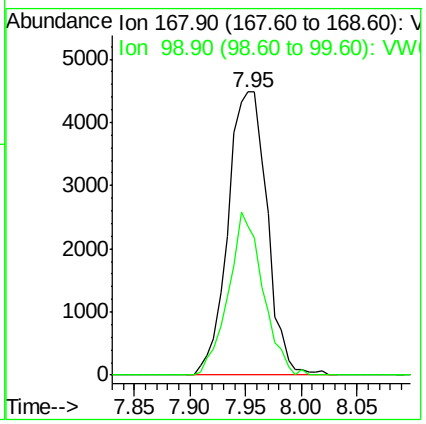


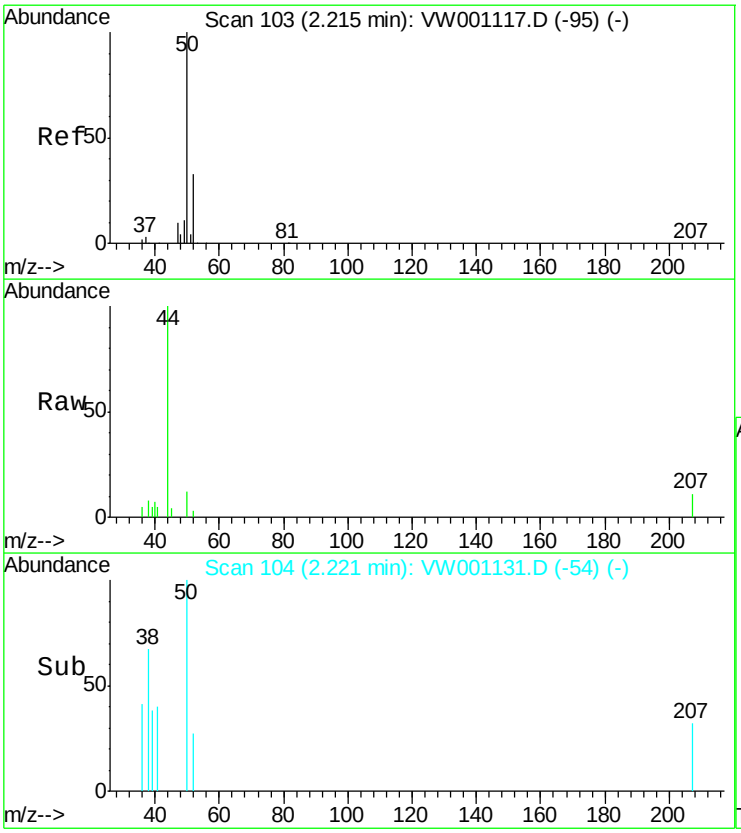
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Instrument :
MSVOA_W
ClientSampleId :
AU-05-012518-D

Tgt Ion:168 Resp: 10904

Ion	Ratio	Lower	Upper
168	100		
99	52.9	42.4	63.6

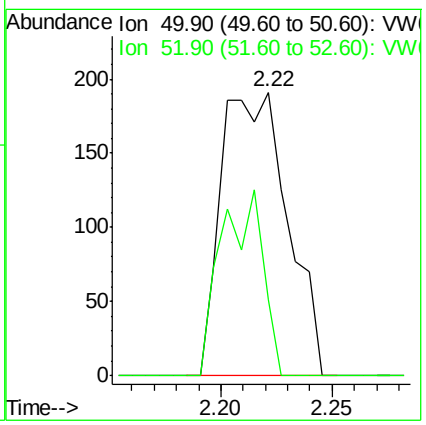


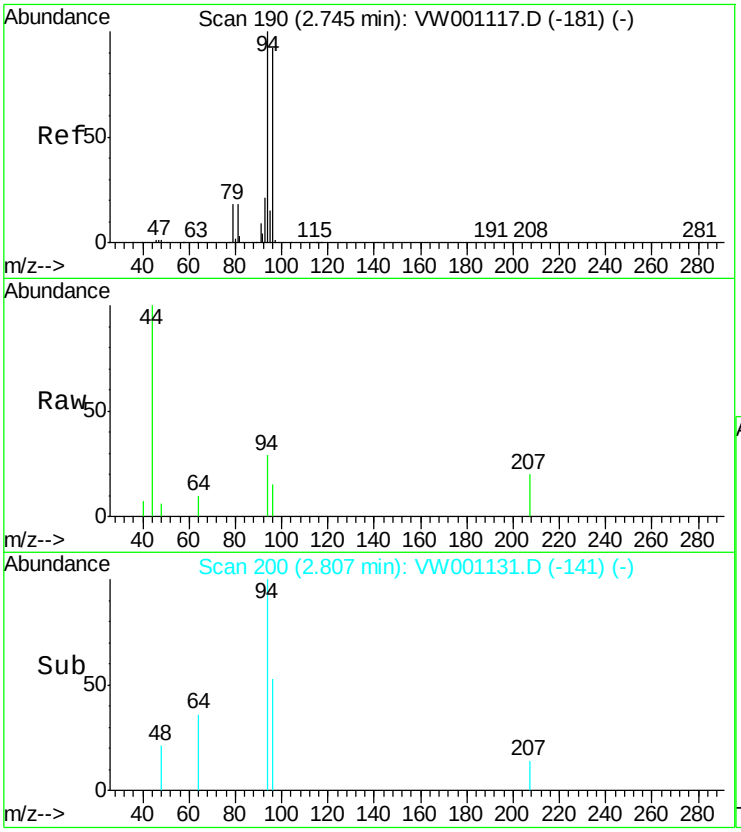


#3
Chloromethane
Concen: 4.89 ug/l
RT: 2.22 min Scan# 104
Delta R.T. 0.01 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Tgt Ion: 50 Resp: 395

Ion	Ratio	Lower	Upper
50	100		
52	26.7	26.2	39.4



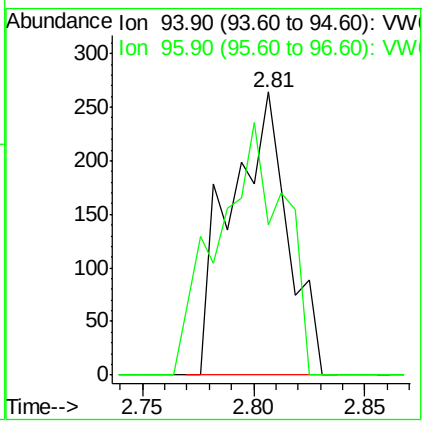


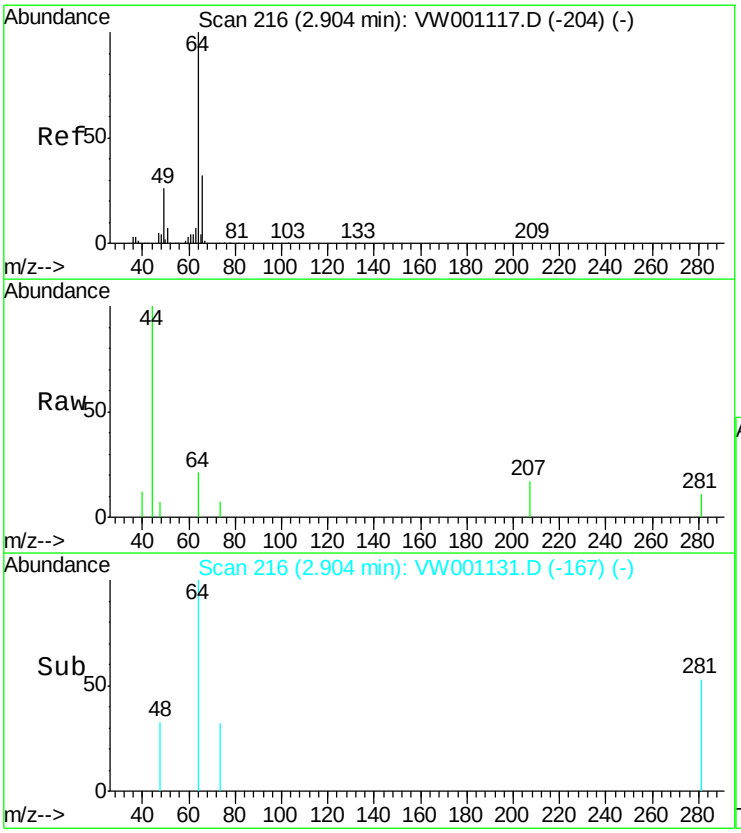
#5
Bromomethane
Concen: 4.70 ug/l
RT: 2.81 min Scan# 200
Delta R.T. 0.06 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Instrument :
MSVOA_W
ClientSampleId :
AU-05-012518-D

Tgt Ion: 94 Resp: 473

Ion	Ratio	Lower	Upper
94	100		
96	53.0	73.7	110.5#

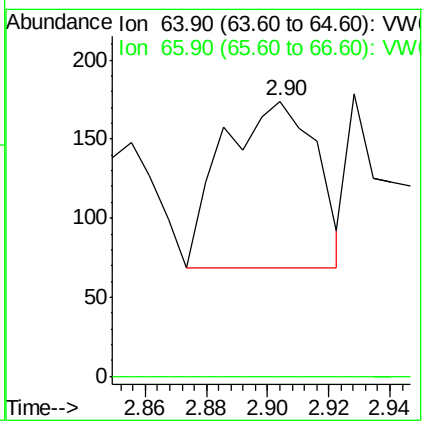


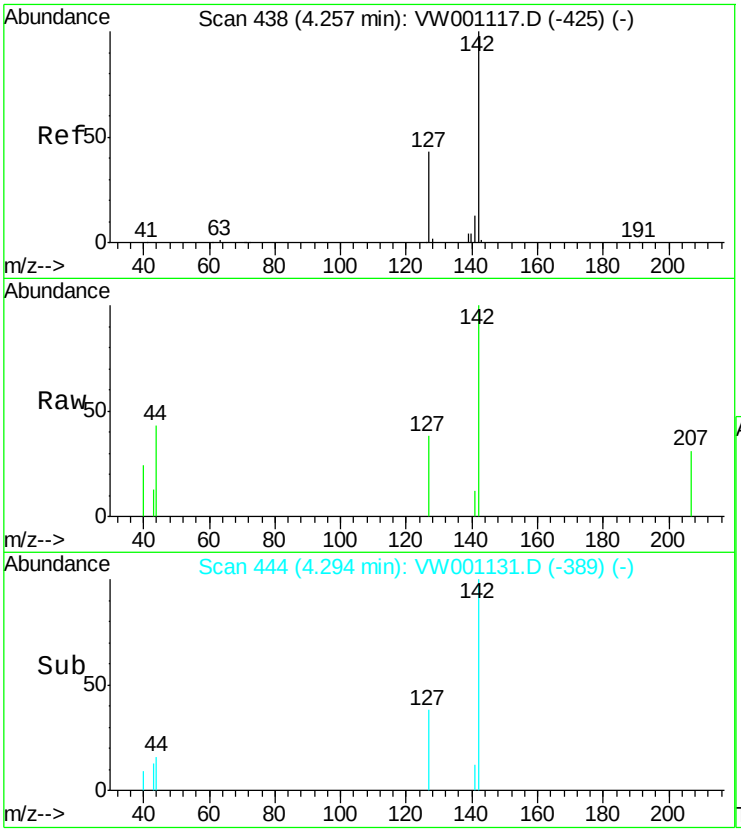


#6
Chloroethane
Concen: 4.87 ug/l
RT: 2.90 min Scan# 216
Delta R.T. 0.00 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Tgt Ion: 64 Resp: 222

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.8	38.8#



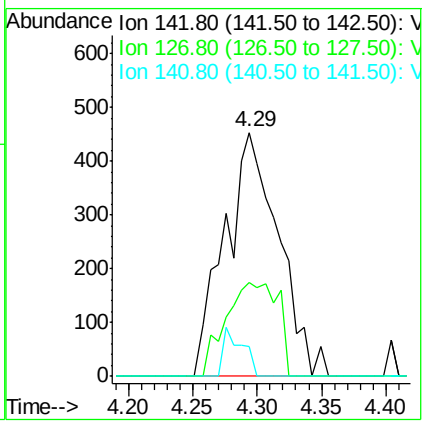


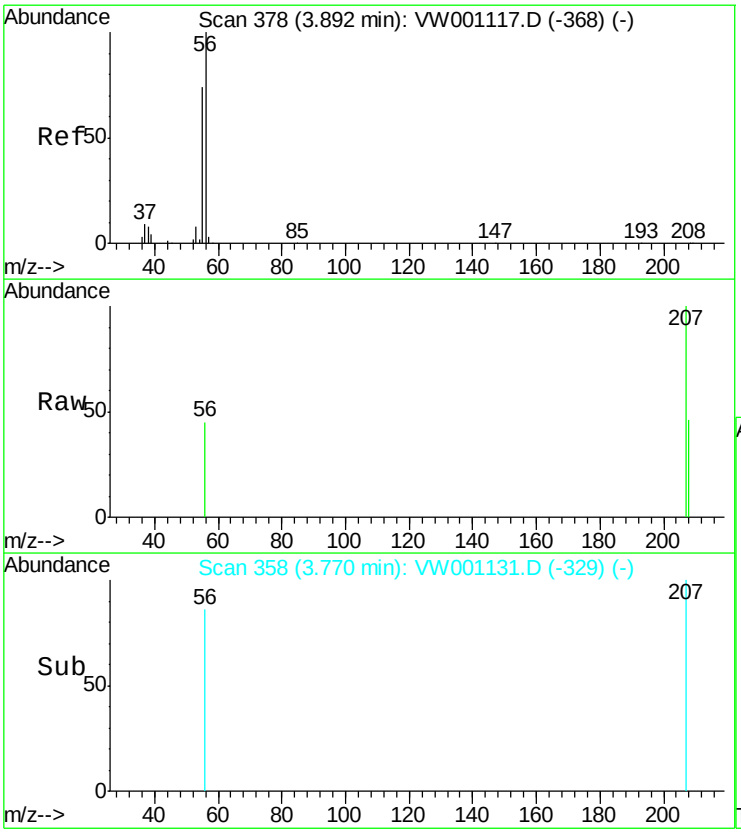
#10
Methyl Iodide
Concen: 12.50 ug/l
RT: 4.29 min Scan# 444
Delta R.T. 0.04 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Instrument : MSVOA_W
ClientSampleId : AU-05-012518-D

Tgt Ion:142 Resp: 1311

Ion	Ratio	Lower	Upper
142	100		
127	37.6	35.4	53.2
141	7.3	11.6	17.4#

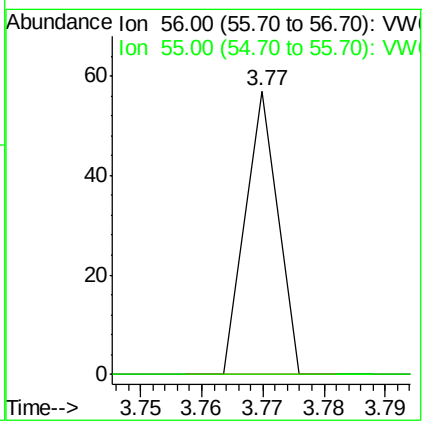


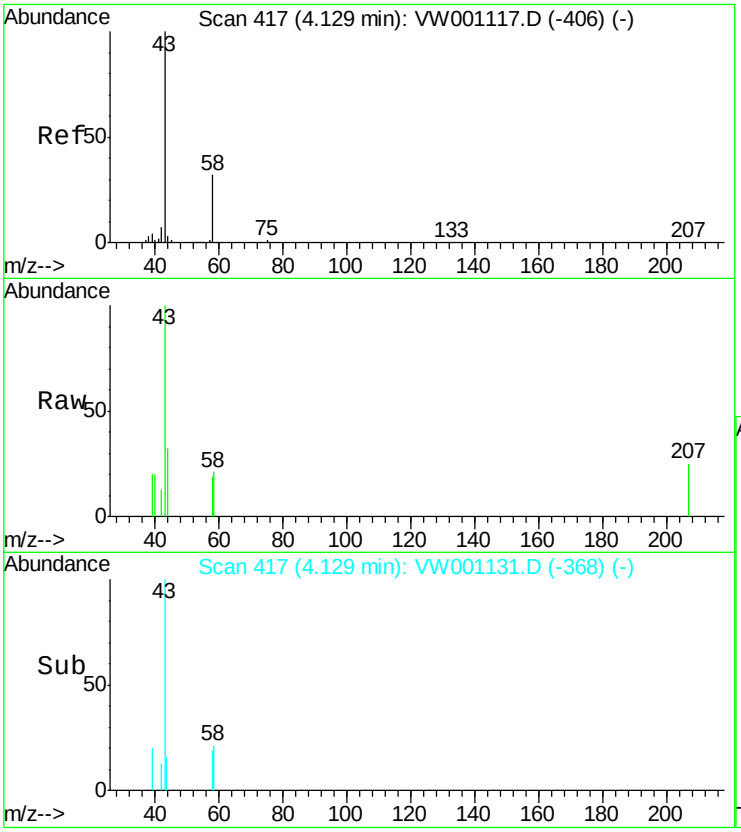


#13
Acrolein
Concen: 1.54 ug/l
RT: 3.77 min Scan# 358
Delta R.T. -0.12 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Tgt Ion: 56 Resp: 21

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.2	87.4#



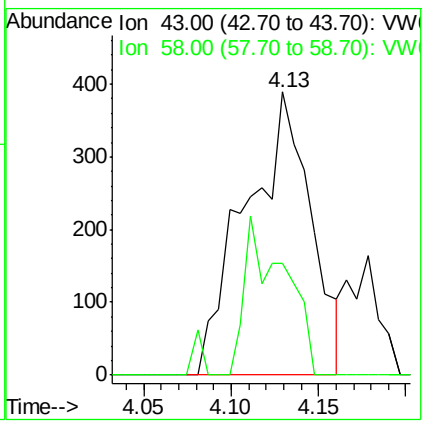


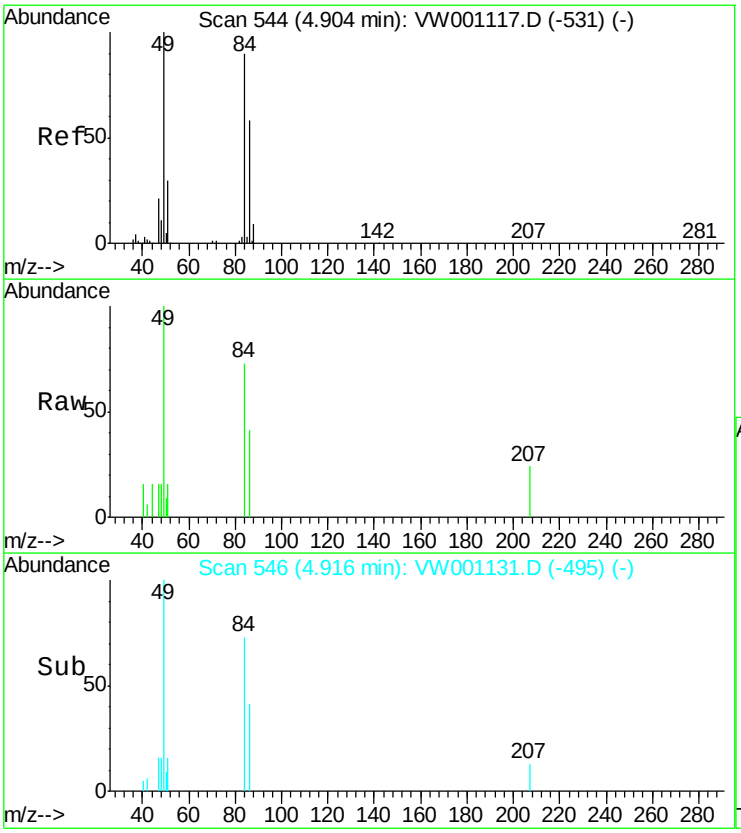
#16
Acetone
Concen: 36.20 ug/l
RT: 4.13 min Scan# 417
Delta R.T. 0.00 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Instrument : MSVOA_W
ClientSampleId : AU-05-012518-D

Tgt Ion: 43 Resp: 1009

Ion	Ratio	Lower	Upper
43	100		
58	39.6	25.7	38.5#

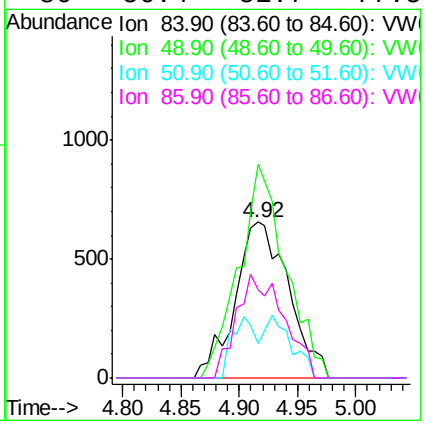


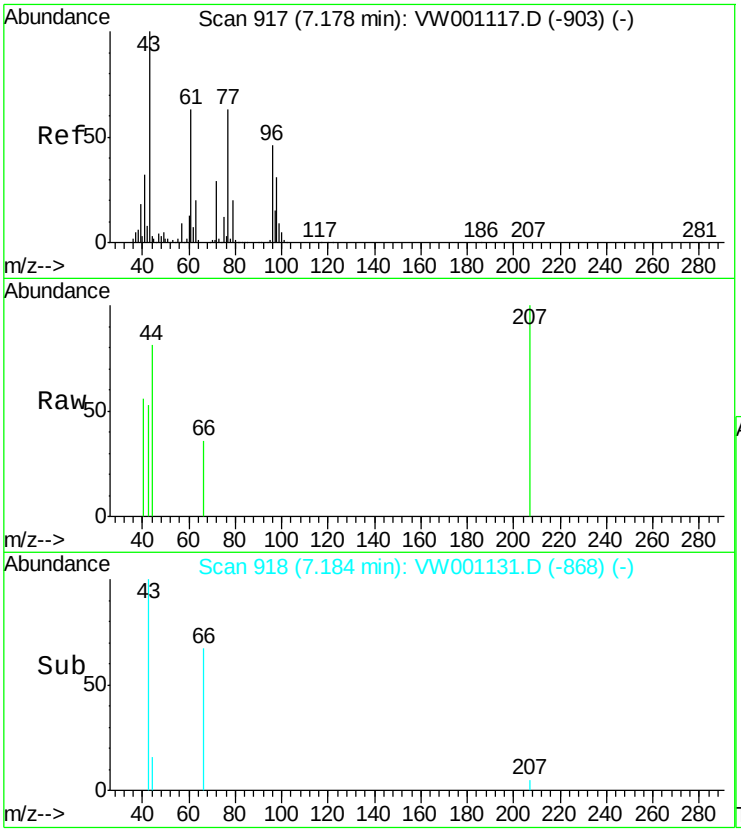


#20
Methylene Chloride
Concen: 21.32 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Tgt Ion: 84 Resp: 2095

Ion	Ratio	Lower	Upper
84	100		
49	136.9	89.2	133.8#
51	22.6	26.7	40.1#
86	56.4	51.7	77.5



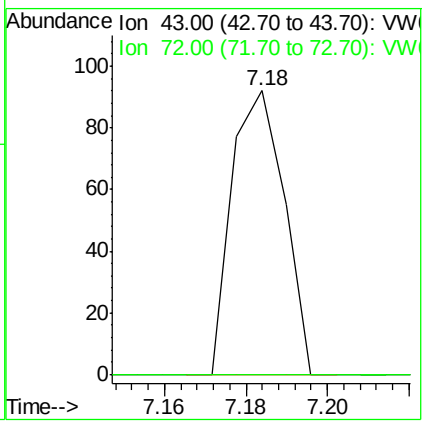


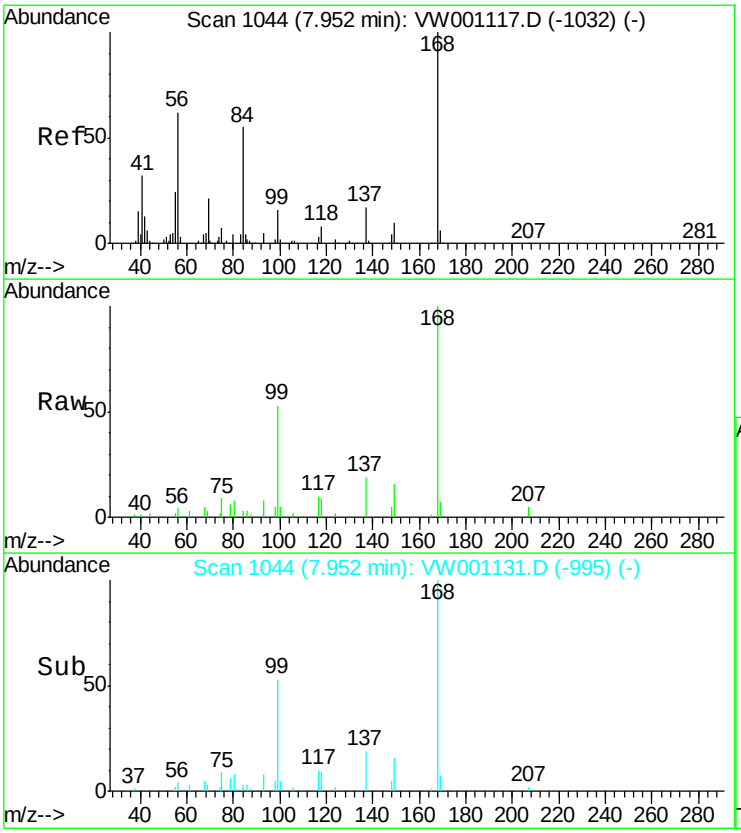
#25
2-Butanone
Concen: 2.24 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Instrument : MSVOA_W
ClientSampleId : AU-05-012518-D

Tgt Ion: 43 Resp: 82

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#

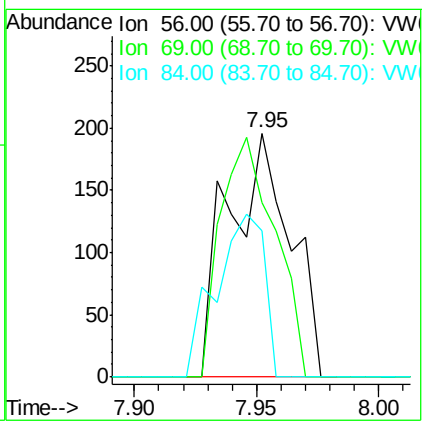


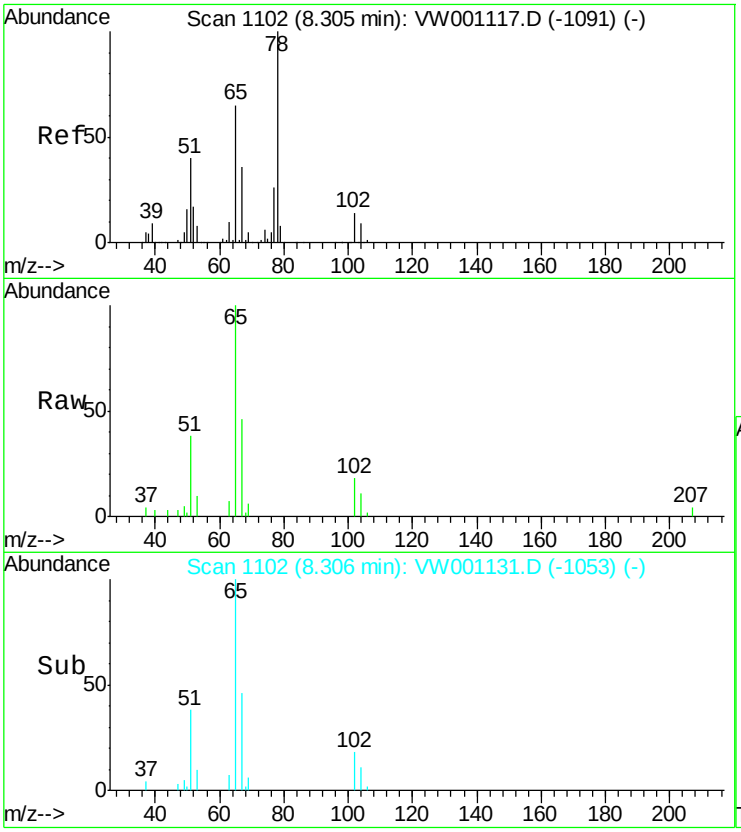


#31
Cyclohexane
Concen: 2.21 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Tgt Ion: 56 Resp: 348

Ion	Ratio	Lower	Upper
56	100		
69	71.4	27.4	41.0#
84	60.2	71.1	106.7#



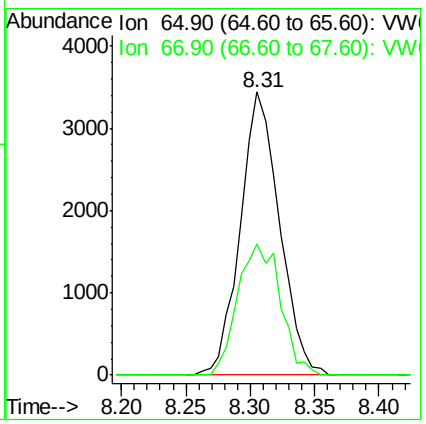


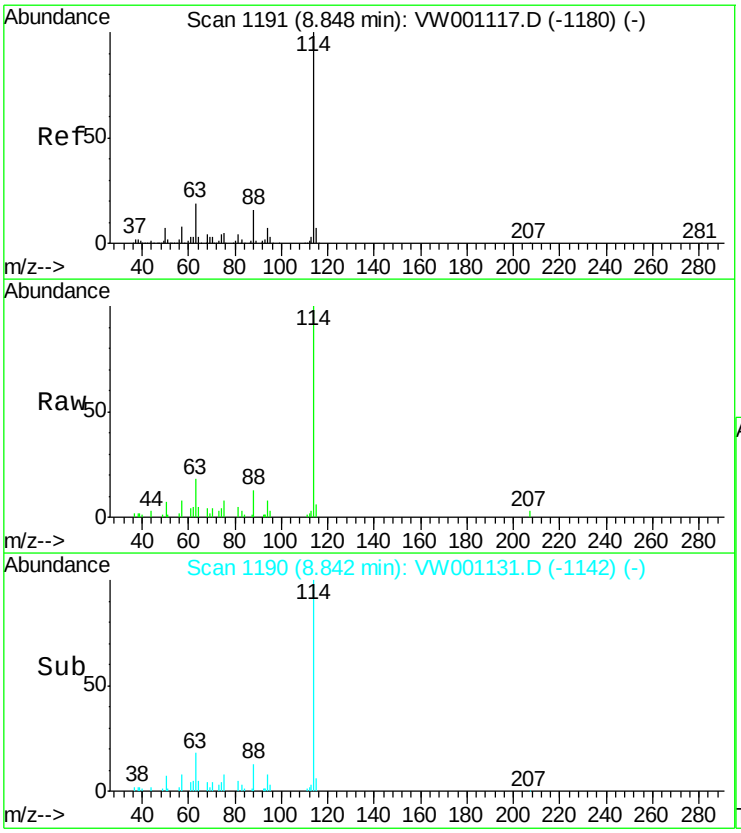
#33
1,2-Dichloroethane-d4
Concen: 68.30 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Instrument :
MSVOA_W
ClientSampleId :
AU-05-012518-D

Tgt Ion: 65 Resp: 7240

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.2

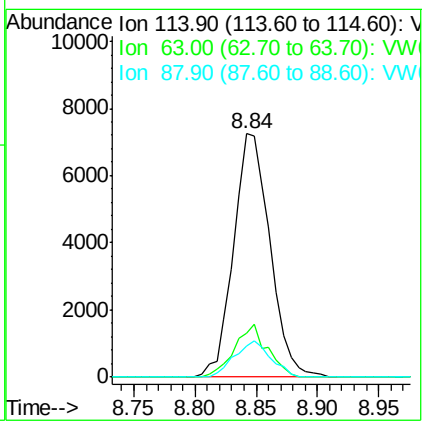


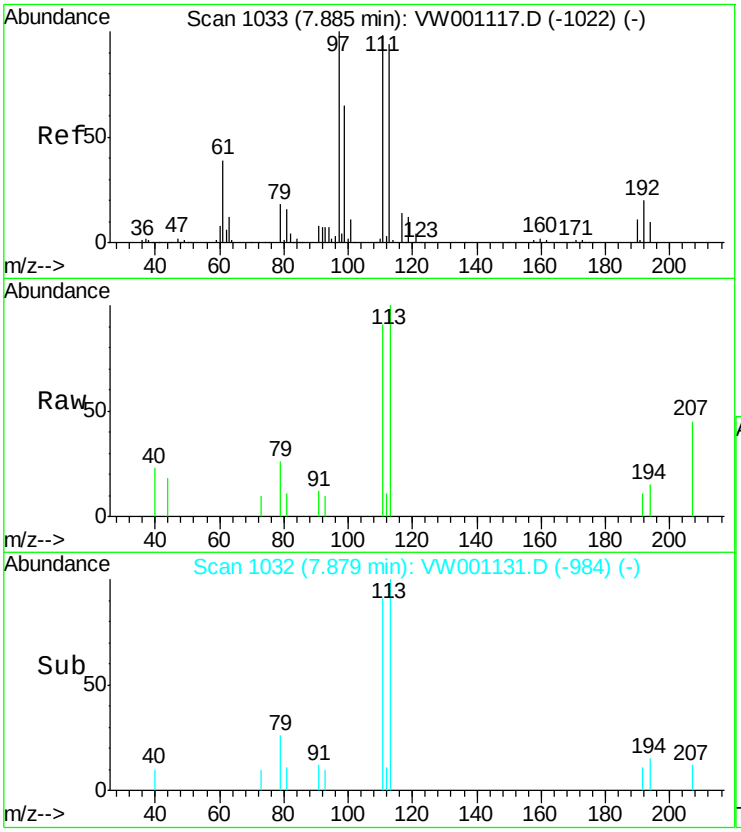


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.84 min Scan# 1190
Delta R.T. -0.01 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Tgt Ion:114 Resp: 14983

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.2
88	12.6	0.0	31.0



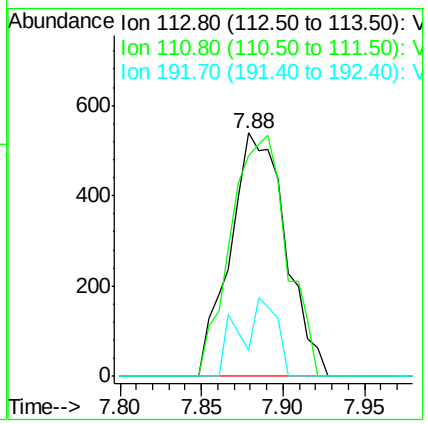


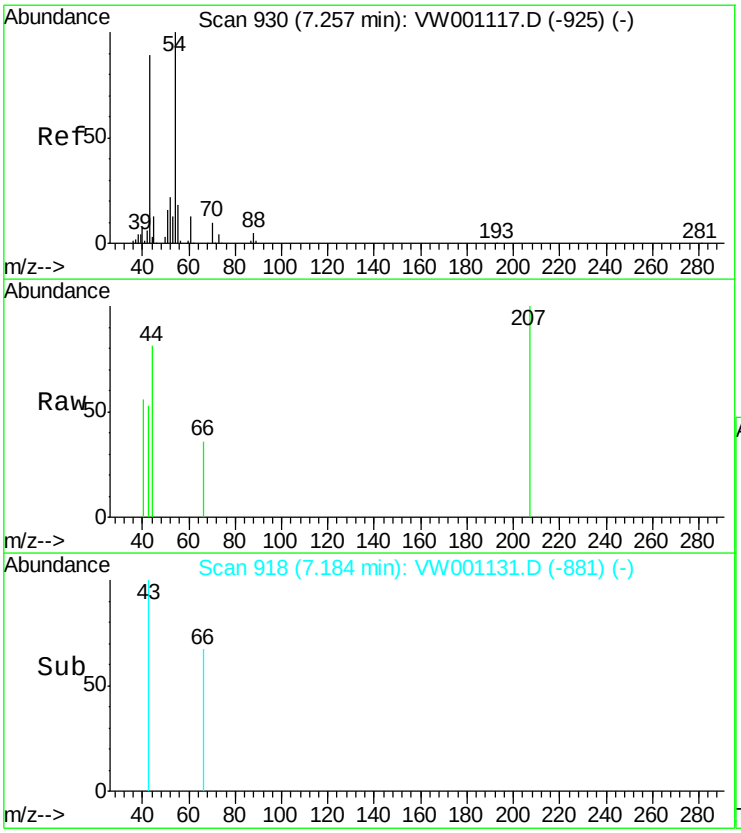
#35
Dibromofluoromethane
Concen: 13.37 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Instrument : MSVOA_W
ClientSampleId : AU-05-012518-D

Tgt Ion:113 Resp: 1281

Ion	Ratio	Lower	Upper
113	100		
111	99.5	83.1	124.7
192	21.5	17.8	26.6

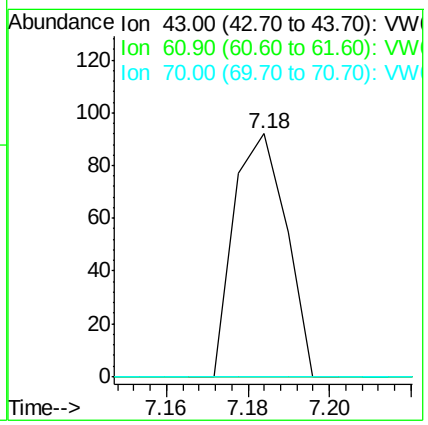


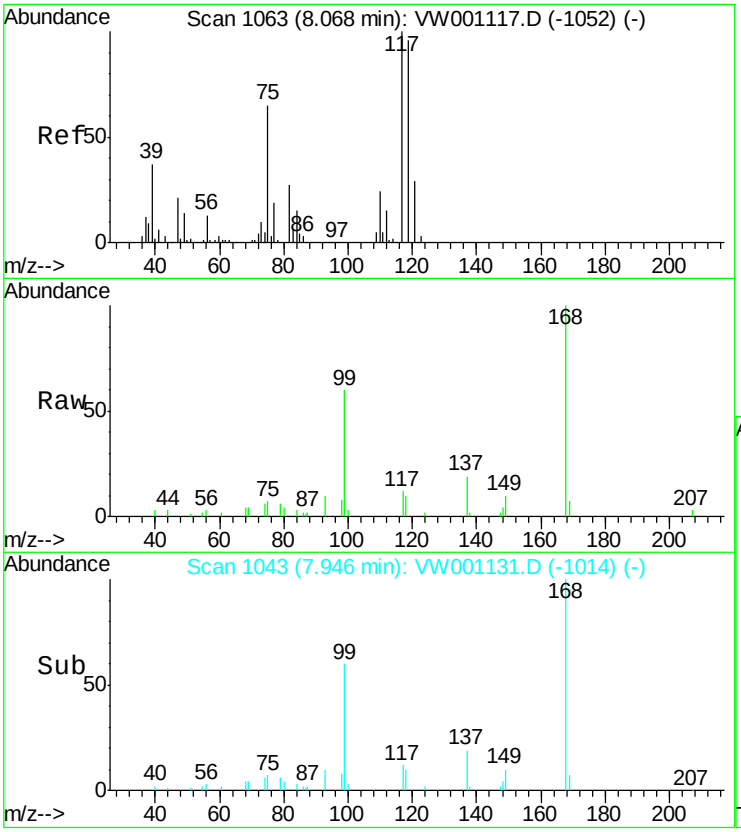


#37
Ethyl Acetate
Concen: 1.15 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.07 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Tgt Ion: 43 Resp: 82

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.9	17.9#
70	0.0	9.4	14.0#



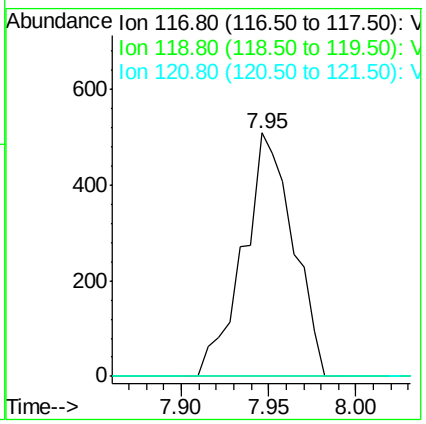


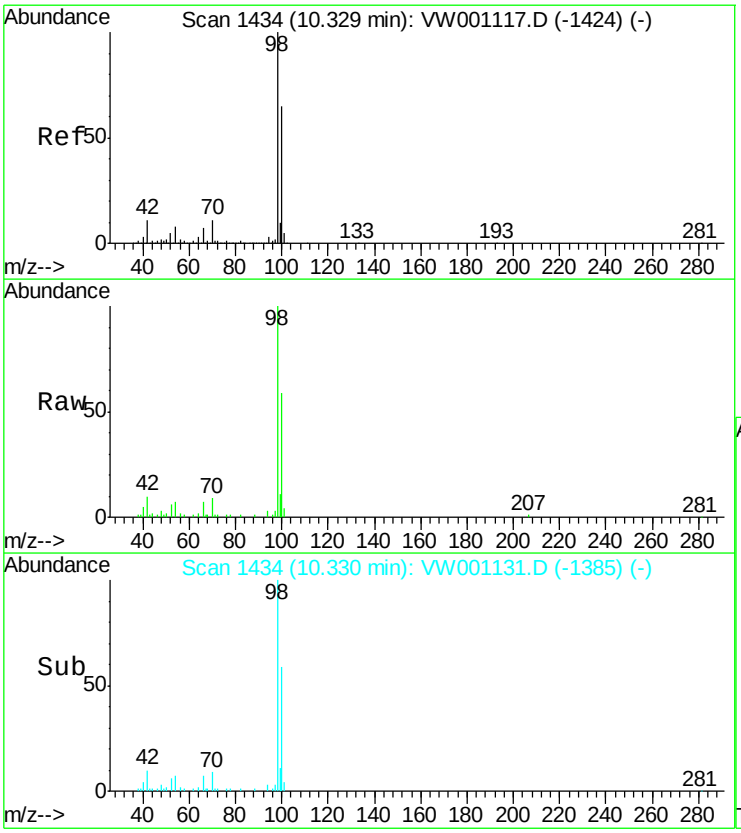
#38
Carbon Tetrachloride
Concen: 6.69 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Instrument : MSVOA_W
ClientSampleId : AU-05-012518-D

Tgt Ion:117 Resp: 1011

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.0	115.4#
121	0.0	23.5	35.3#

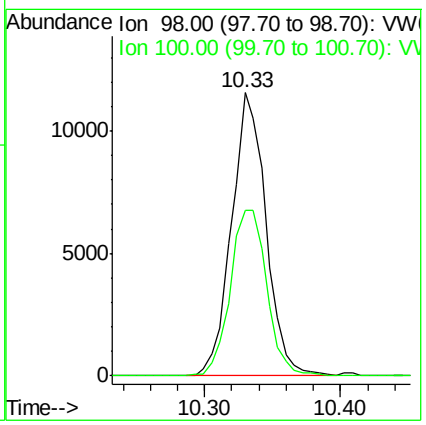


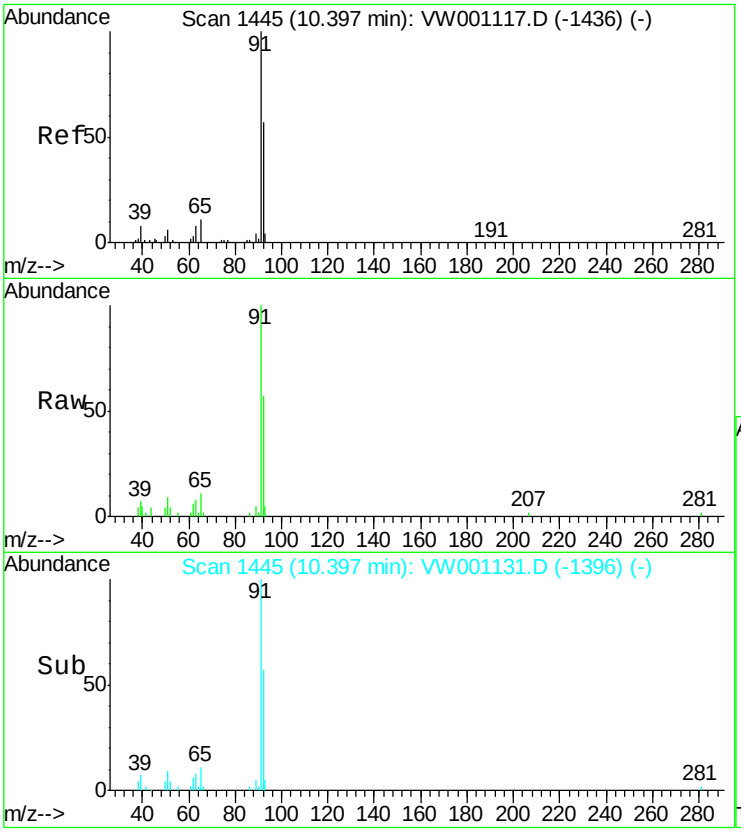


#50
Toluene-d8
Concen: 55.06 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Tgt Ion: 98 Resp: 20311

Ion	Ratio	Lower	Upper
98	100		
100	62.1	51.3	76.9



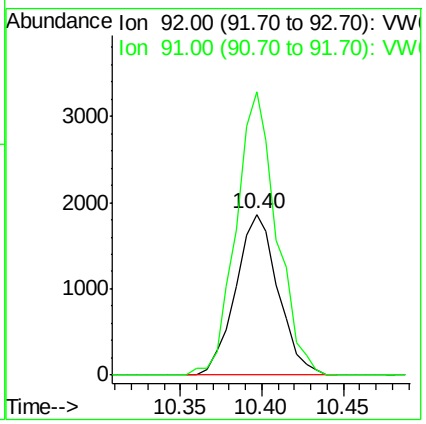


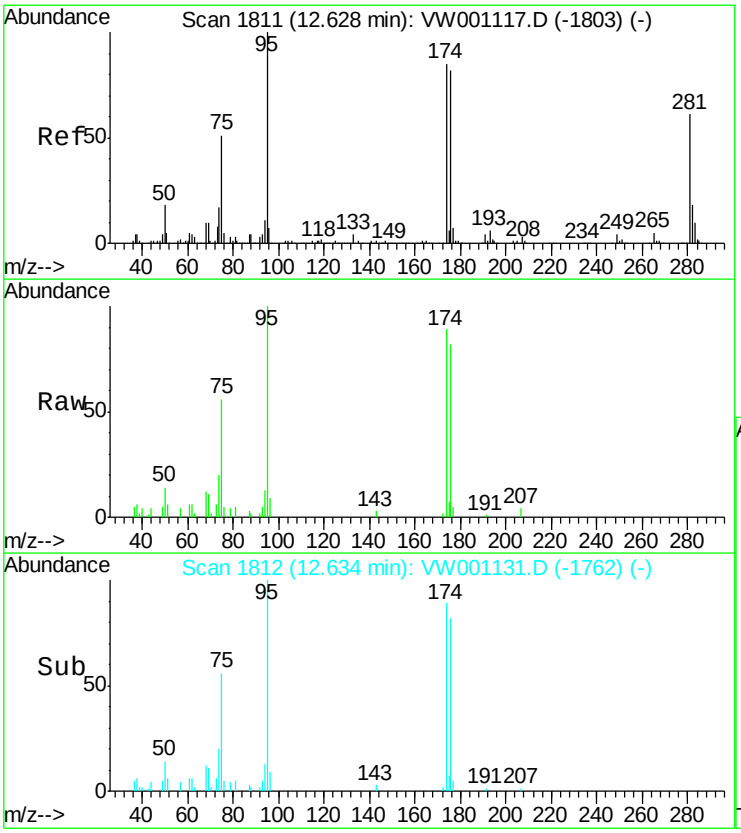
#52
Toluene
Concen: 14.00 ug/l
RT: 10.40 min Scan# 1445
Delta R.T. 0.00 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Instrument : MSVOA_W
ClientSampleId : AU-05-012518-D

Tgt Ion: 92 Resp: 3367

Ion	Ratio	Lower	Upper
92	100		
91	168.3	140.6	211.0

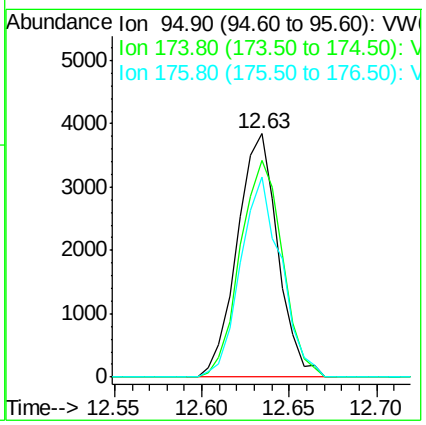


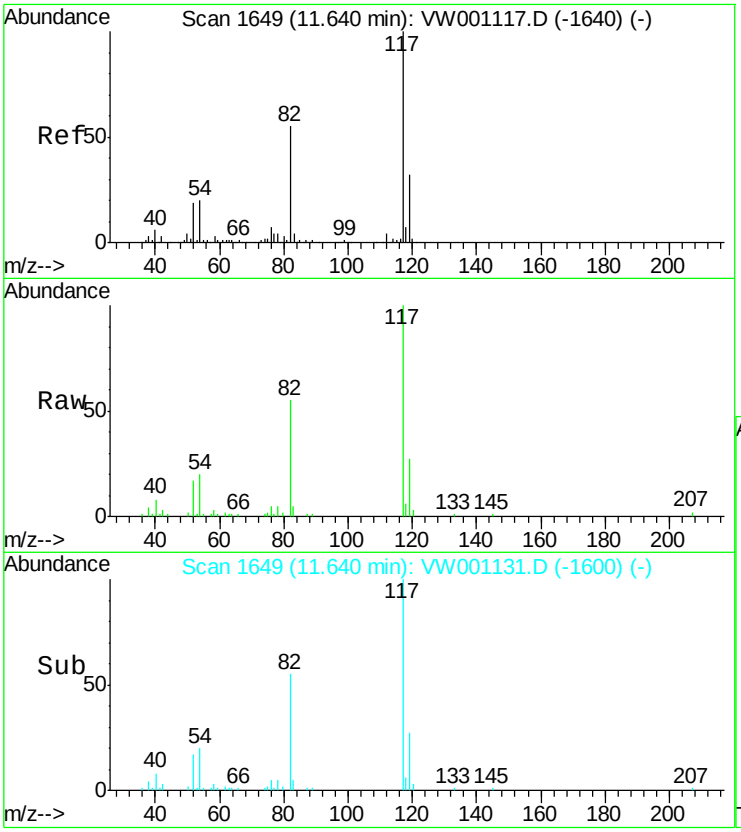


#62
4-Bromofluorobenzene
Concen: 45.92 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Tgt Ion: 95 Resp: 6242

Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	179.6
176	82.2	0.0	174.4



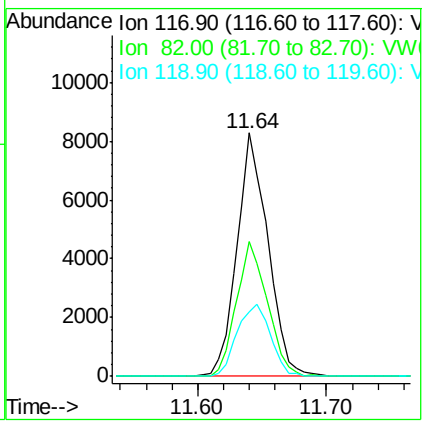


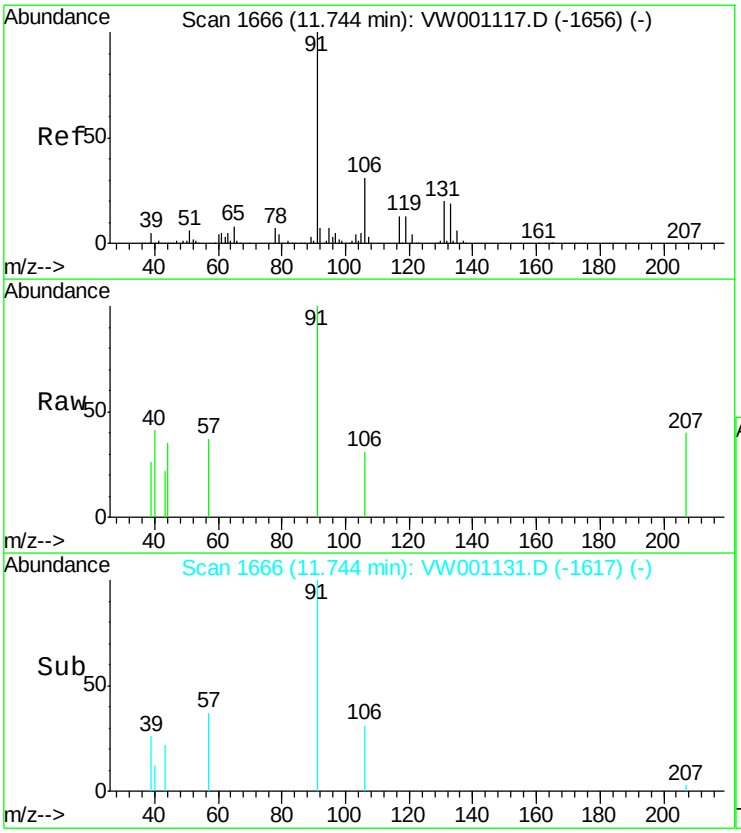
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Instrument : MSVOA_W
ClientSampleId : AU-05-012518-D

Tgt Ion:117 Resp: 13780

Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.8	65.8
119	26.7	25.8	38.8

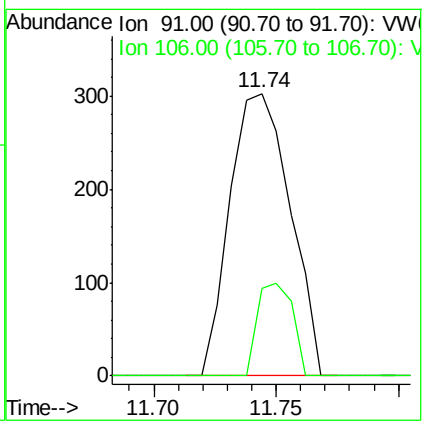


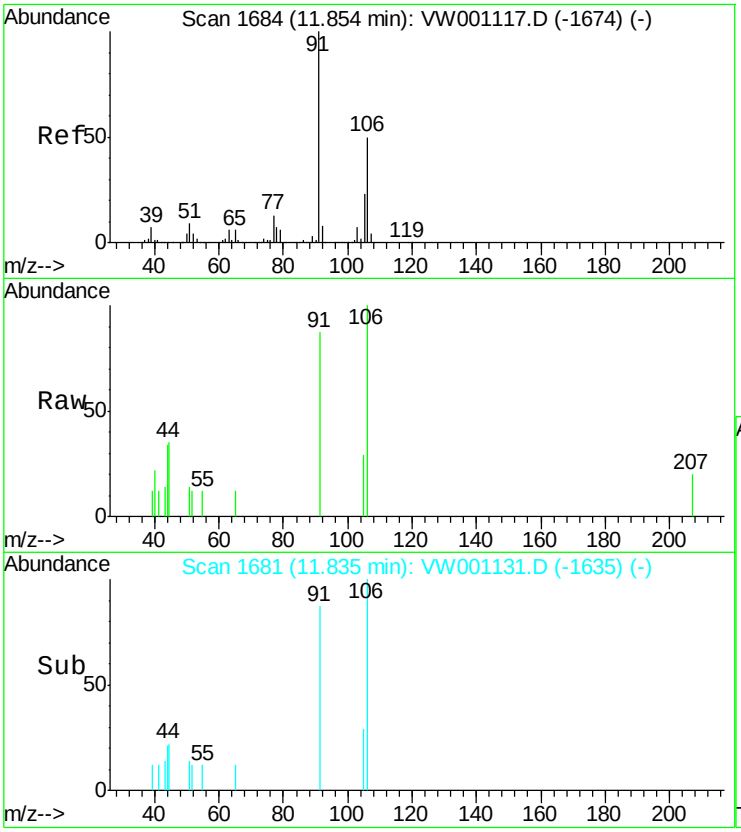


#67
Ethyl Benzene
Concen: 1.12 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Tgt Ion: 91 Resp: 521

Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.6	36.8



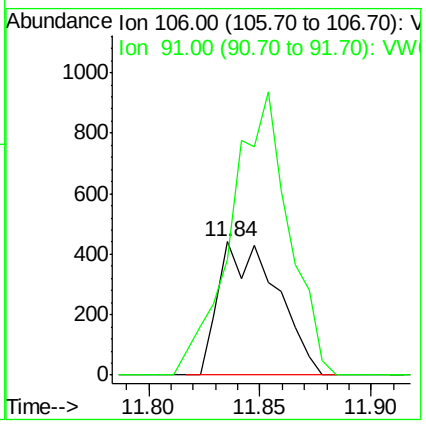


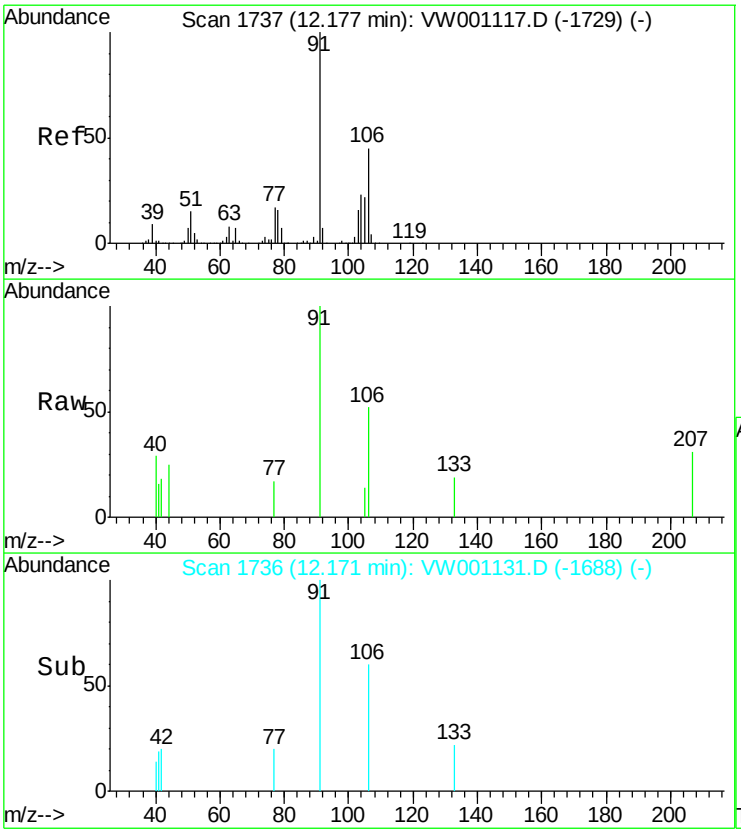
#68
m/p-Xylenes
Concen: 4.42 ug/l
RT: 11.84 min Scan# 1681
Delta R.T. -0.02 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Instrument :
MSVOA_W
ClientSampleId :
AU-05-012518-D

Tgt Ion:106 Resp: 799

Ion	Ratio	Lower	Upper
106	100		
91	212.4	163.1	244.7

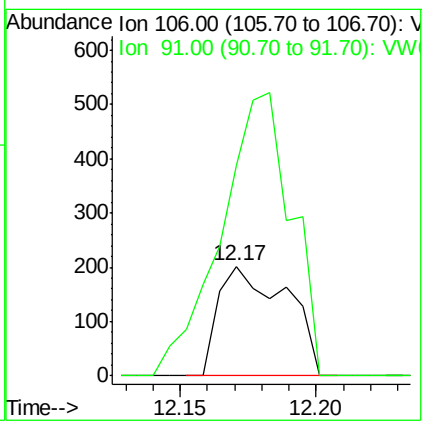


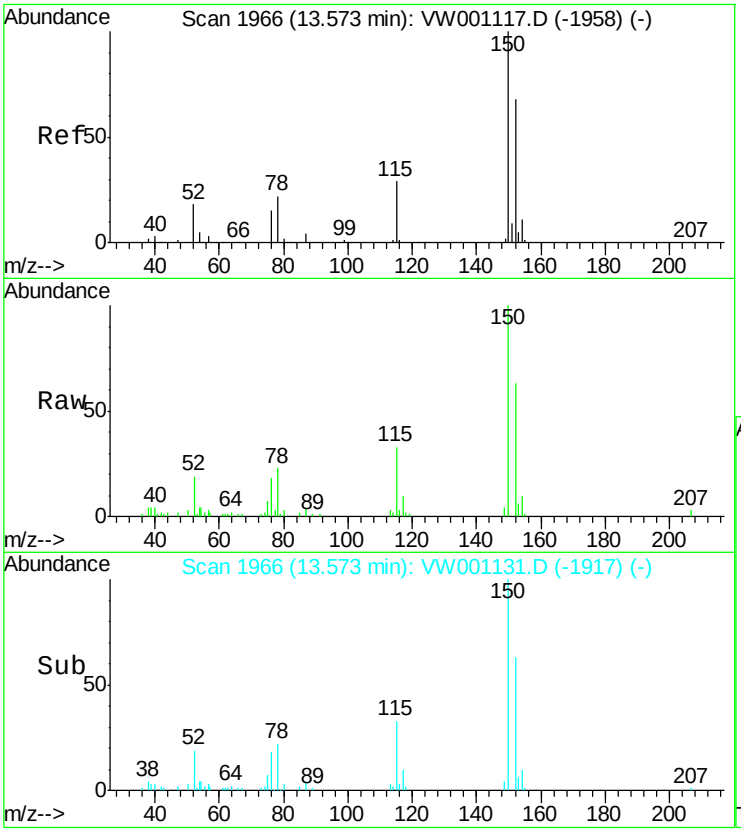


#69
o-Xylene
Concen: 2.09 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Tgt Ion:106 Resp: 349

Ion	Ratio	Lower	Upper
106	100		
91	267.3	107.6	322.8



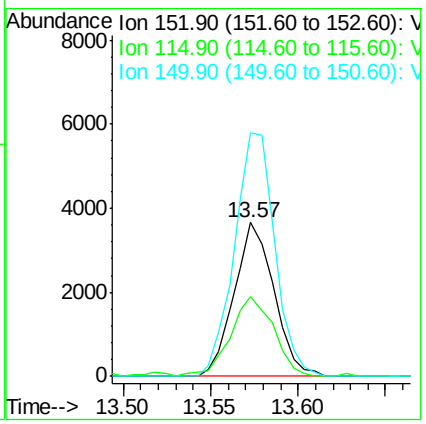


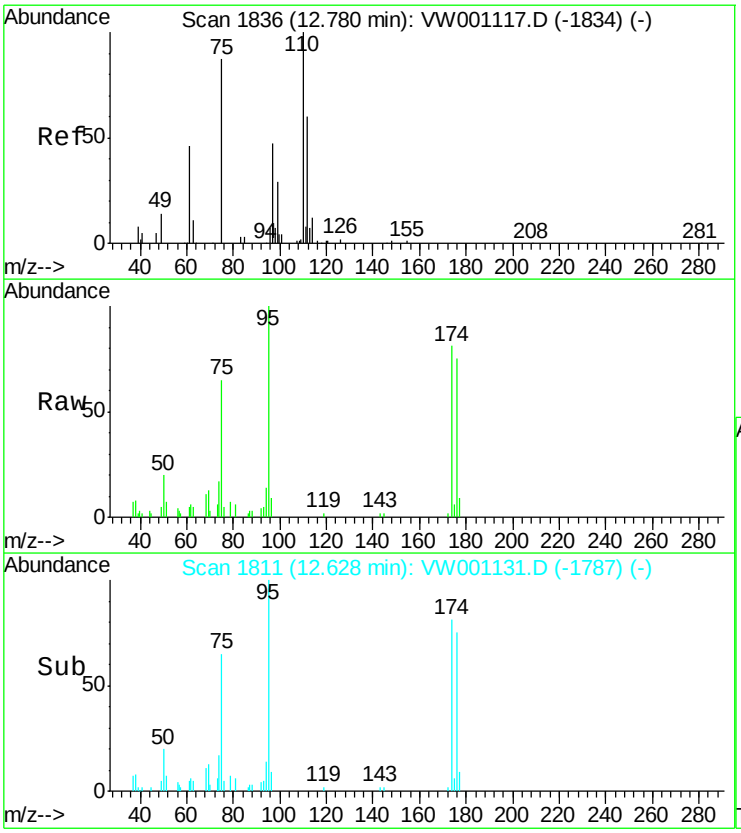
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Instrument :
MSVOA_W
ClientSampleId :
AU-05-012518-D

Tgt Ion:152 Resp: 5786

Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.4	85.3
150	160.9	0.0	342.4

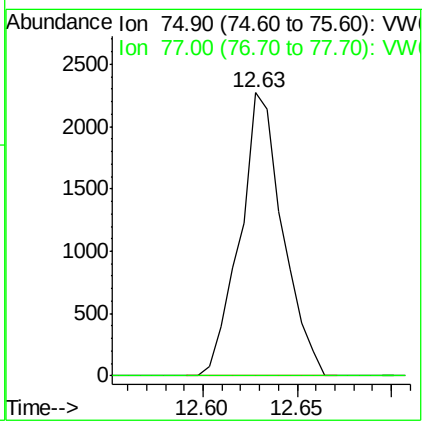


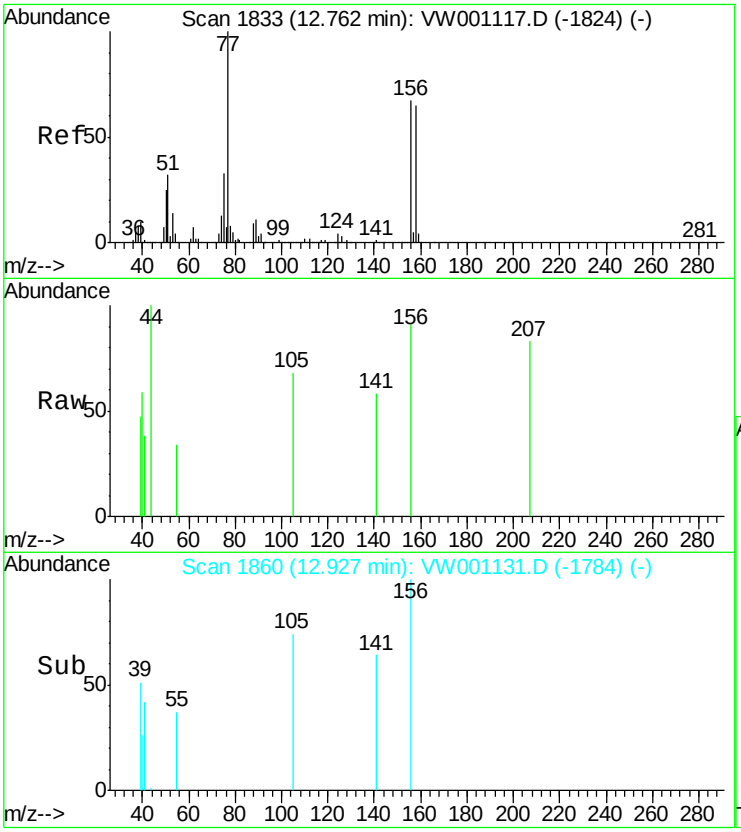


#76
1,2,3-Trichloropropane
Concen: 61.00 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Tgt Ion: 75 Resp: 3577

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



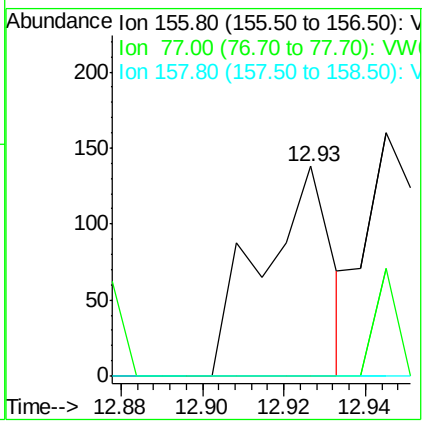


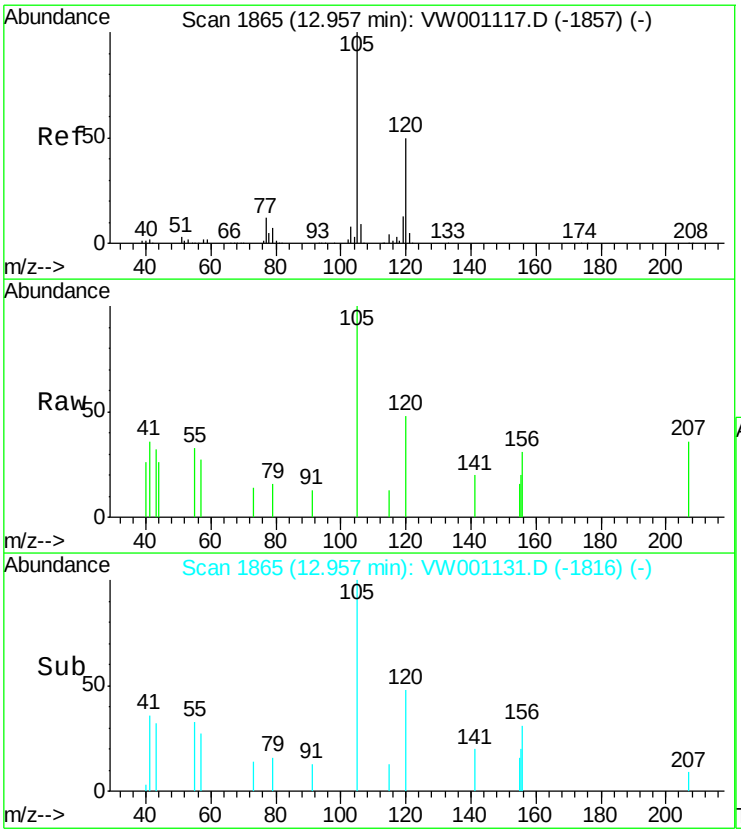
#77
Bromobenzene
Concen: 1.74 ug/l
RT: 12.93 min Scan# 1860
Delta R.T. 0.16 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Instrument : MSVOA_W
ClientSampleId : AU-05-012518-D

Tgt Ion:156 Resp: 164

Ion	Ratio	Lower	Upper
156	100		
77	15.9	85.3	255.8#
158	0.0	48.9	146.7#

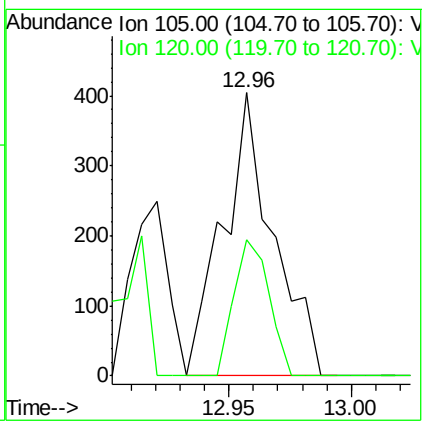


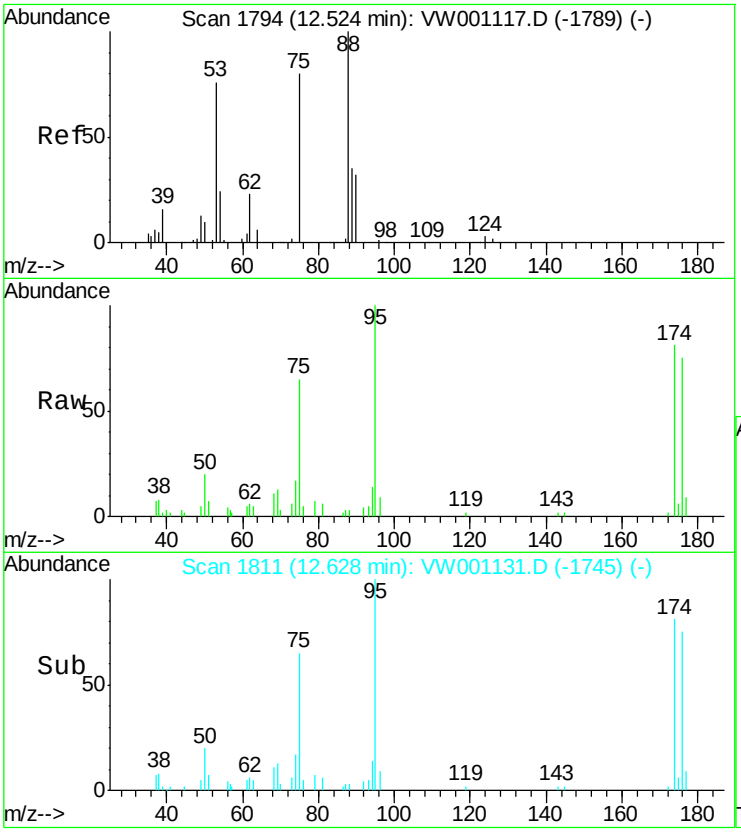


#80
1,3,5-Trimethylbenzene
Concen: 1.86 ug/l
RT: 12.96 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Tgt Ion:105 Resp: 576

Ion	Ratio	Lower	Upper
105	100		
120	33.7	24.9	74.7



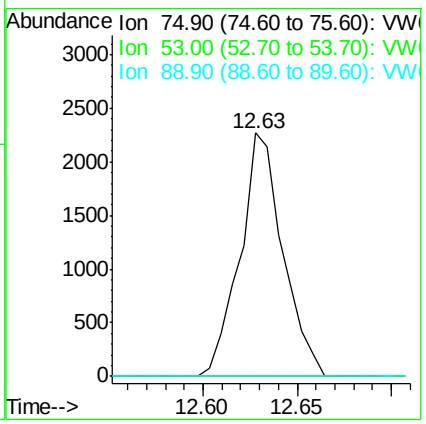


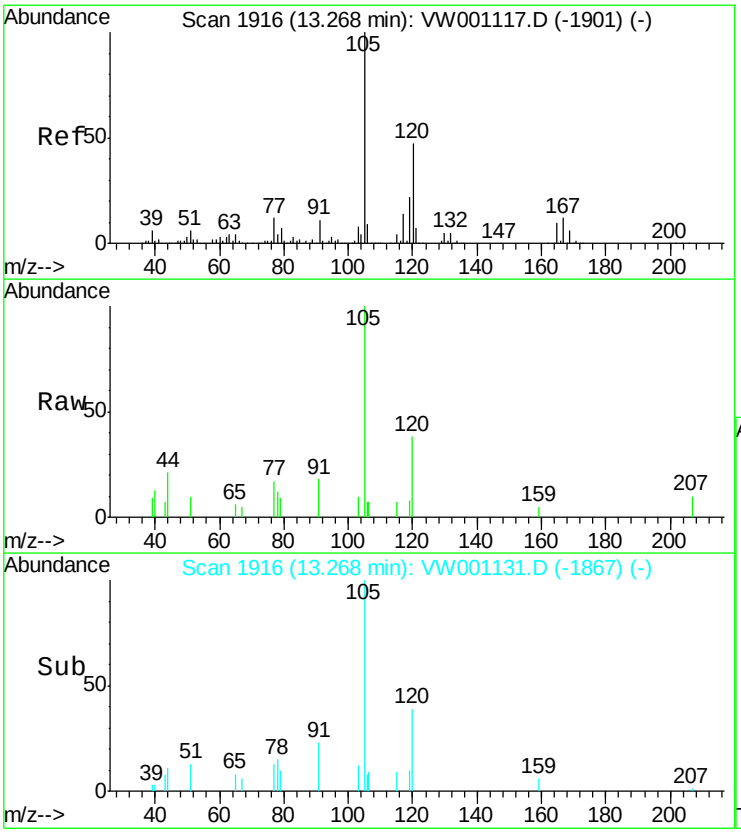
#81
trans-1,4-Dichloro-2-butene
Concen: 160.39 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.10 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Instrument : MSVOA_W
ClientSampleId : AU-05-012518-D

Tgt Ion: 75 Resp: 3577

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.0	38.2	57.4#

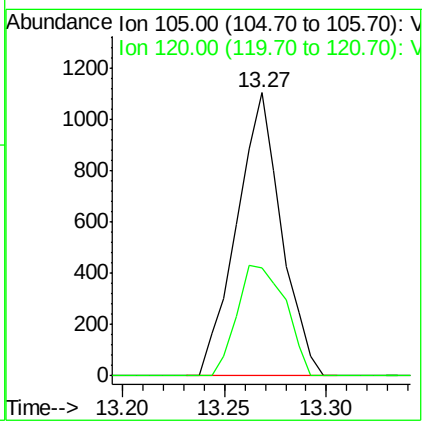


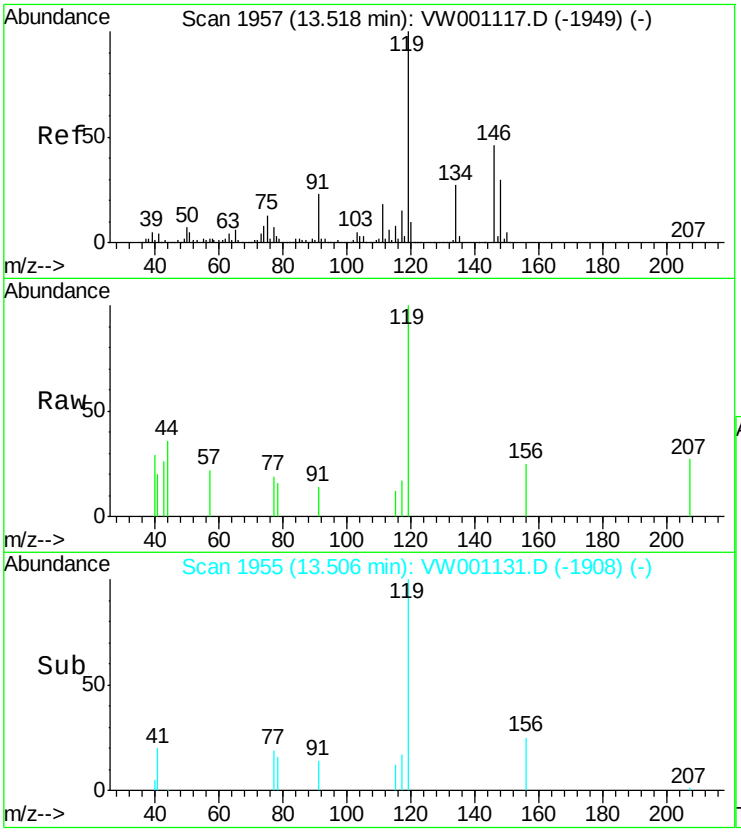


#84
1,2,4-Trimethylbenzene
Concen: 5.33 ug/l
RT: 13.27 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Tgt Ion:105 Resp: 1681

Ion	Ratio	Lower	Upper
105	100		
120	42.2	22.9	68.8



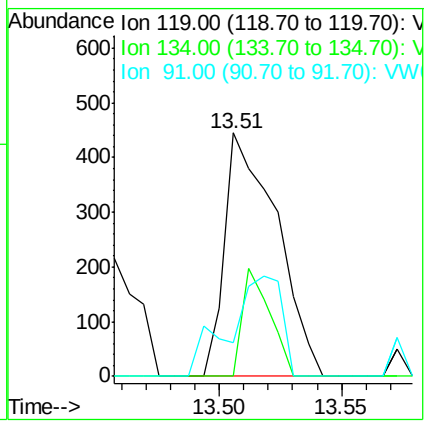


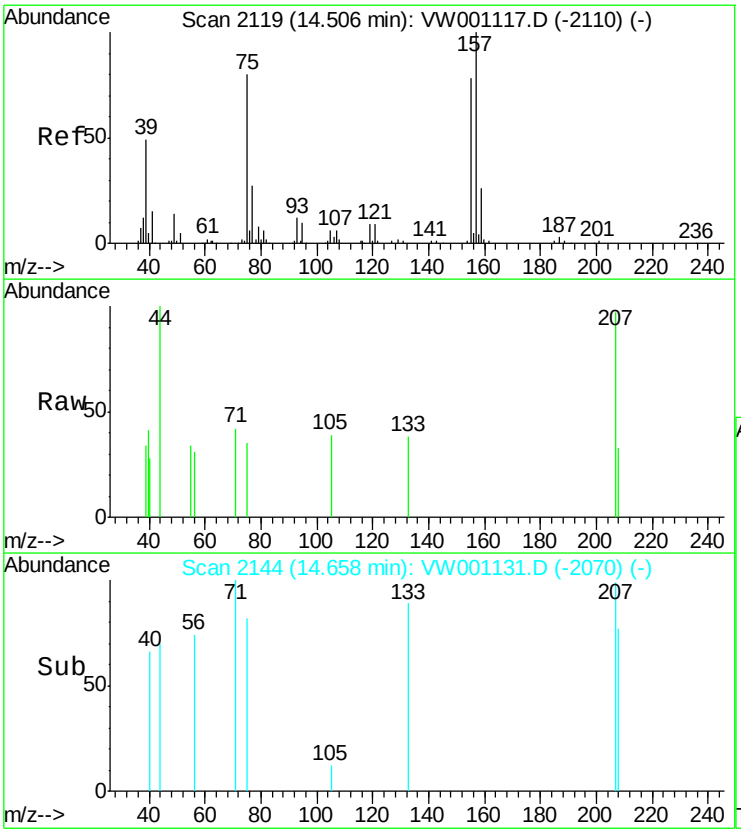
#86
p-Isopropyltoluene
Concen: 1.91 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Instrument : MSVOA_W
ClientSampleId : AU-05-012518-D

Tgt Ion:119 Resp: 658

Ion	Ratio	Lower	Upper
119	100		
134	23.4	13.4	40.1
91	41.5	11.8	35.4#

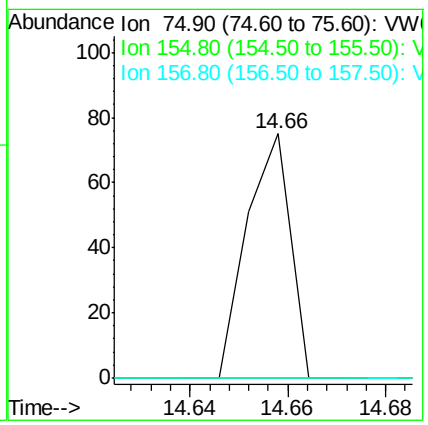


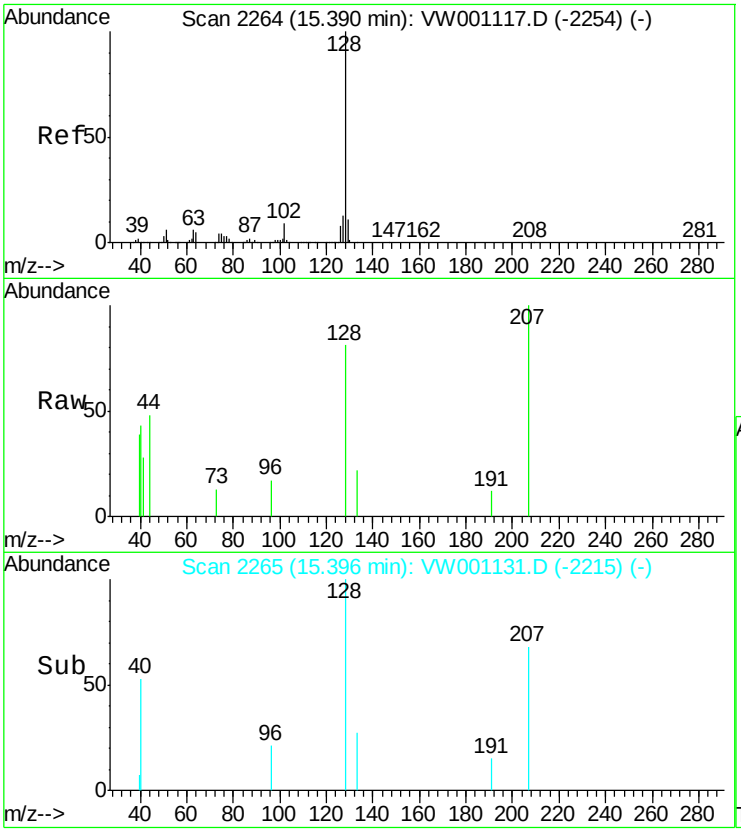


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.08 ug/l
RT: 14.66 min Scan# 2144
Delta R.T. 0.15 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Tgt Ion: 75 Resp: 46

Ion	Ratio	Lower	Upper
75	100		
155	0.0	46.3	138.9#
157	0.0	60.0	180.0#





#95
Naphthalene
Concen: 2.57 ug/l
RT: 15.40 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VW001131.D
Acq: 29 Jan 2018 20:49

Instrument :
MSVOA_W
ClientSampleId :
AU-05-012518-D

Tgt Ion:128 Resp: 634

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	6.8	8.7	13.1#