Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012918\
Data File : VW001134.D
Acq On : 29 Jan 2018 22:04
Operator : JC/SY
Sample : J1009-13
Misc : 7.95G/5.0ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : AU-06-012518-C

Quant Time: Jan 30 02:12:08 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	28313	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.85	114	38937	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.64	117	33875	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	14634	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	18109	65.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 131.58%				
35) Dibromofluoromethane	7.88	113	4381	17.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 35.18%				
50) Toluene-d8	10.33	98	49277	51.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.82%				
62) 4-Bromofluorobenzene	12.63	95	15451	43.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.48%				
Target Compounds							Qvalue
3) Chloromethane	2.22	50	1204	5.74	ug/l		96
5) Bromomethane	2.79	94	1890	10.70	ug/l		90
6) Chloroethane	2.91	64	150	1.27	ug/l	#	42
10) Methyl Iodide	4.28	142	3882	14.25	ug/l		100
11) Tert butyl alcohol	5.13	59	131	5.92	ug/l	#	73
16) Acetone	4.12	43	1516	20.95	ug/l	#	87
18) Methyl Acetate	4.84	43	61	Below Cal		#	50
20) Methylene Chloride	4.92	84	3466	12.65	ug/l		89
31) Cyclohexane	7.95	56	680	1.66	ug/l	#	50
36) 1,1-Dichloropropene	7.94	75	1833	5.21	ug/l	#	43
38) Carbon Tetrachloride	7.95	117	2789	7.10	ug/l	#	19
51) 4-Methyl-2-Pentanone	10.33	43	217	1.24	ug/l	#	1
52) Toluene	10.39	92	1028	1.64	ug/l		97
68) m/p-Xylenes	11.86	106	1345	3.03	ug/l		86
69) o-Xylene	12.18	106	1003	2.45	ug/l		95
76) 1,2,3-Trichloropropane	12.63	75	7895	53.23	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.63	75	7895	139.97	ug/l	#	12

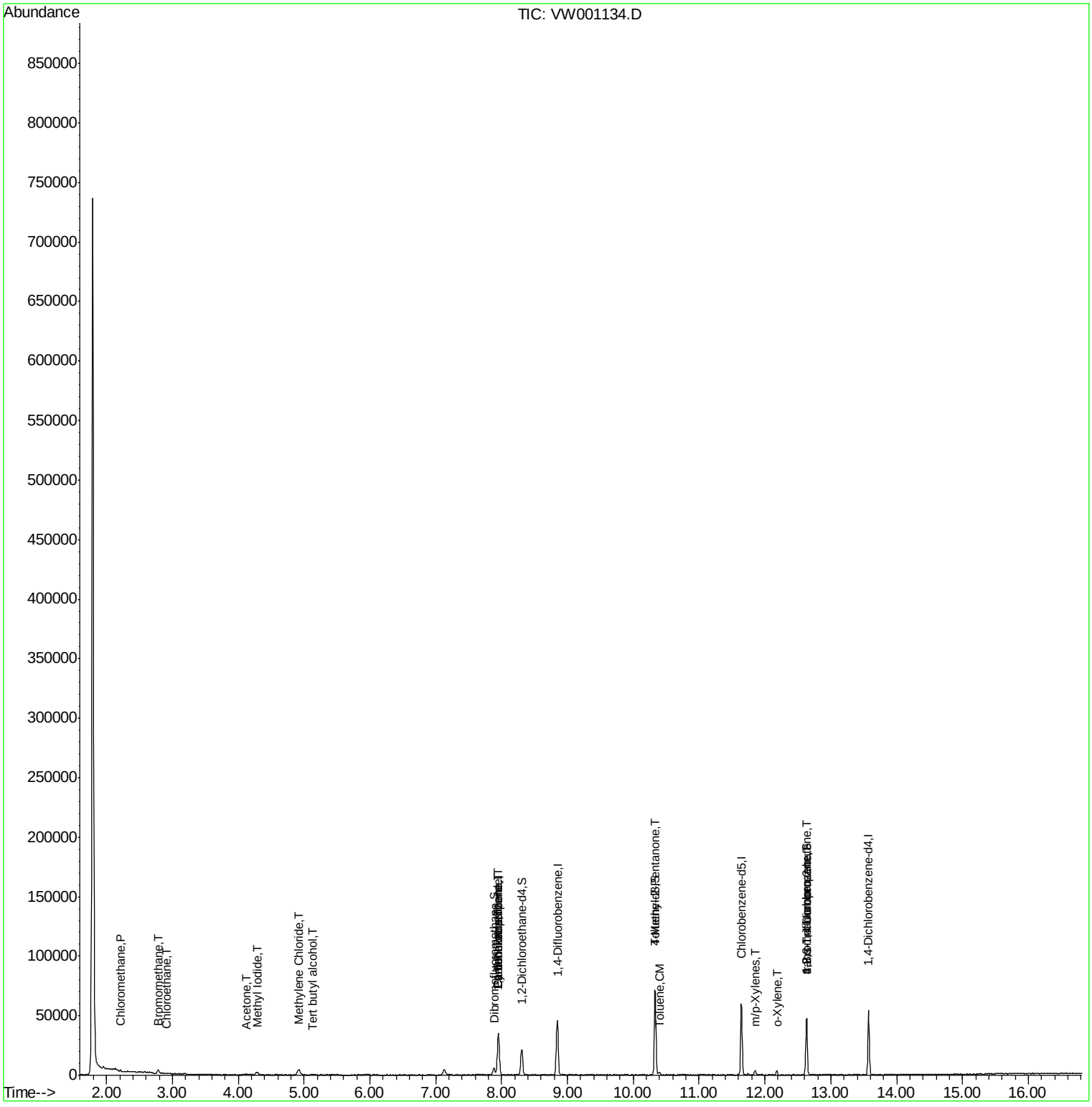
(#) = qualifier out of range (m) = manual integration (+) = signals summed

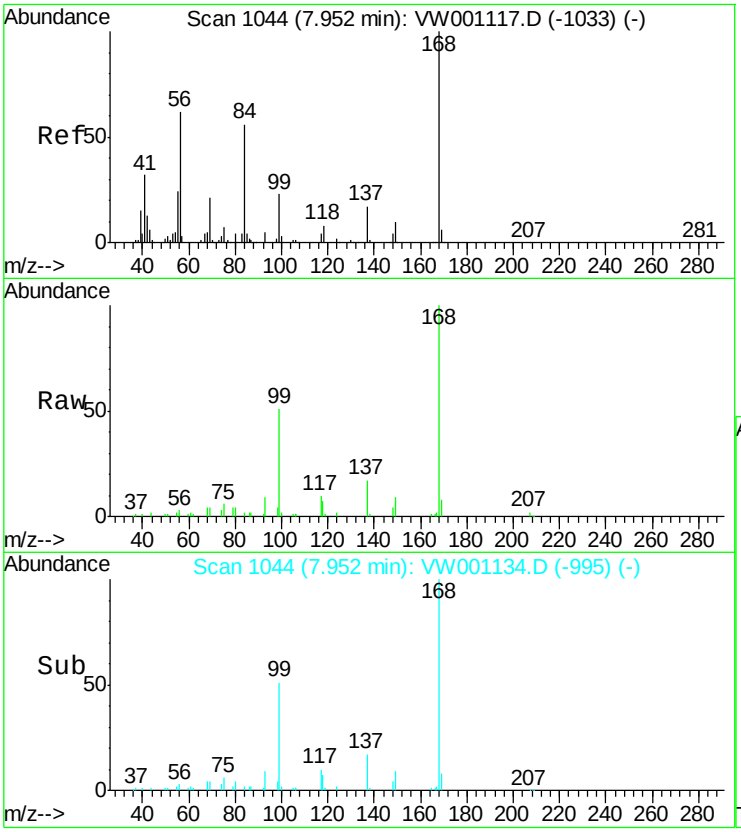
Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012918\
Data File : VW001134.D
Acq On : 29 Jan 2018 22:04
Operator : JC/SY
Sample : J1009-13
Misc : 7.95G/5.0ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AU-06-012518-C

Quant Time: Jan 30 02:12:08 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



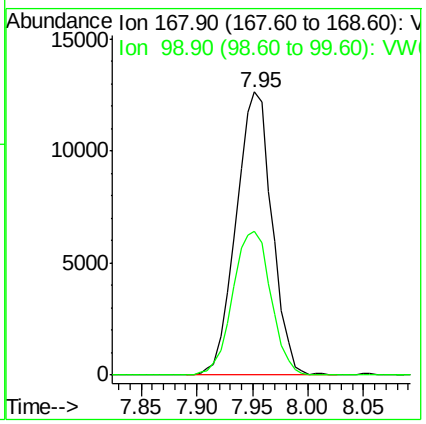


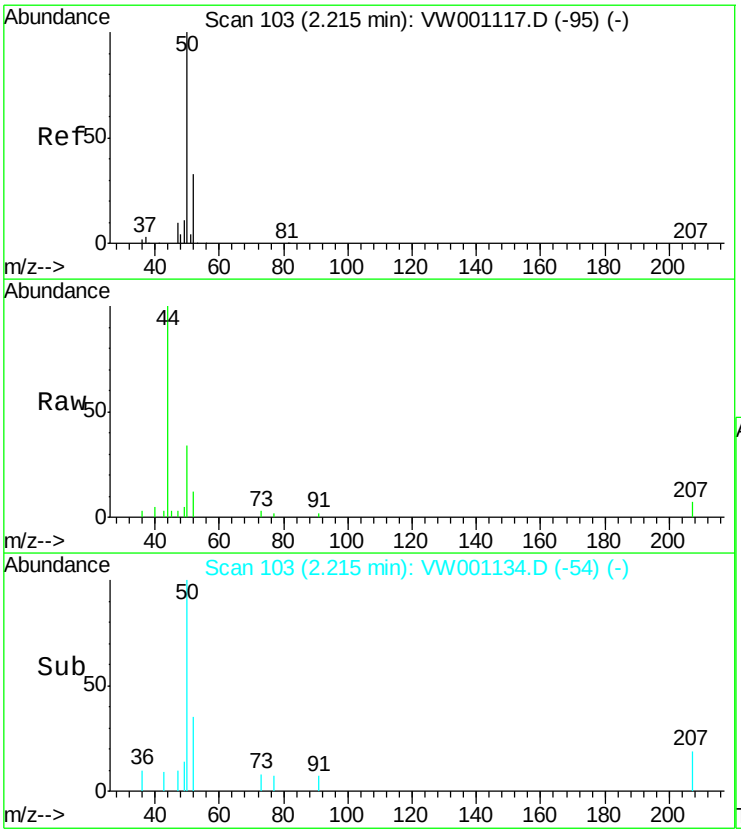
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Instrument :
MSVOA_W
ClientSampleId :
AU-06-012518-C

Tgt Ion:168 Resp: 28313

Ion	Ratio	Lower	Upper
168	100		
99	50.7	42.4	63.6

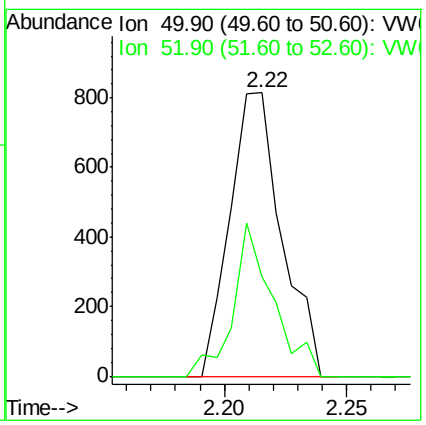


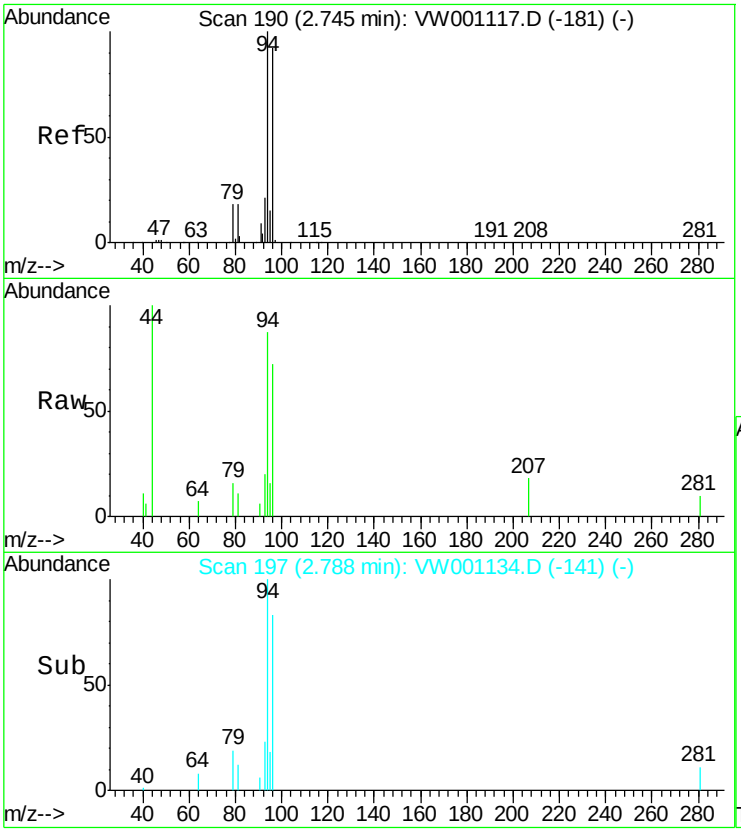


#3
Chloromethane
Concen: 5.74 ug/l
RT: 2.22 min Scan# 103
Delta R.T. 0.00 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Tgt Ion: 50 Resp: 1204

Ion	Ratio	Lower	Upper
50	100		
52	34.9	26.2	39.4



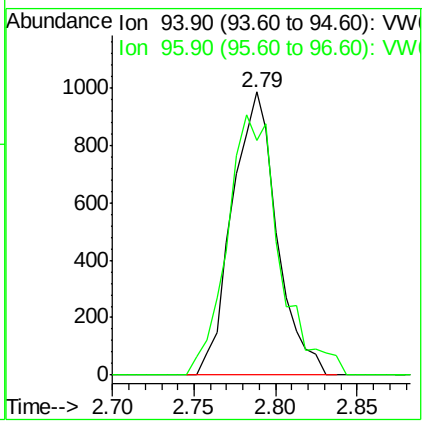


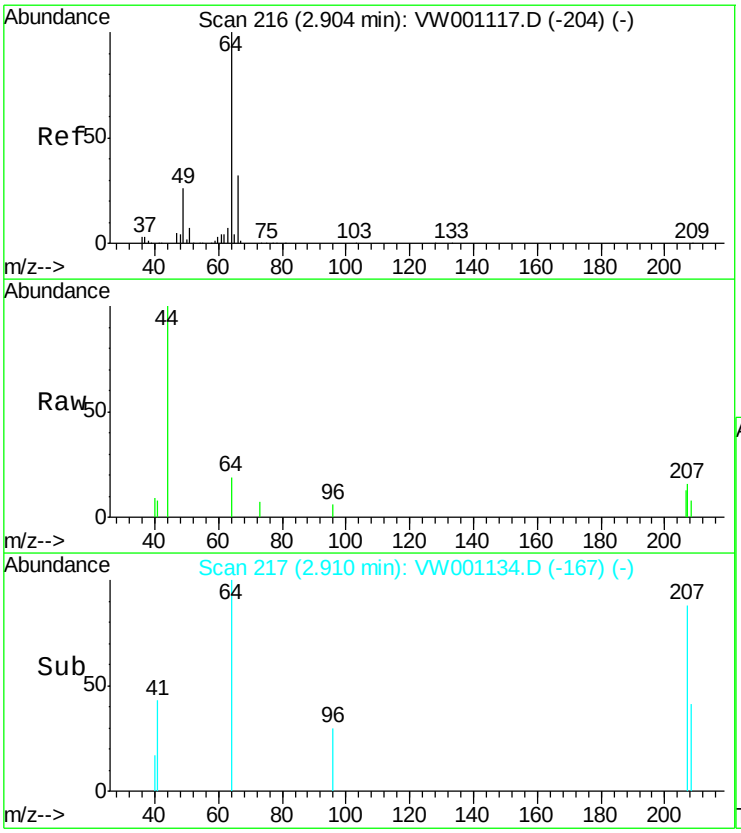
#5
Bromomethane
Concen: 10.70 ug/l
RT: 2.79 min Scan# 197
Delta R.T. 0.04 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Instrument :
MSVOA_W
ClientSampleId :
AU-06-012518-C

Tgt Ion: 94 Resp: 1890

Ion	Ratio	Lower	Upper
94	100		
96	82.9	73.7	110.5

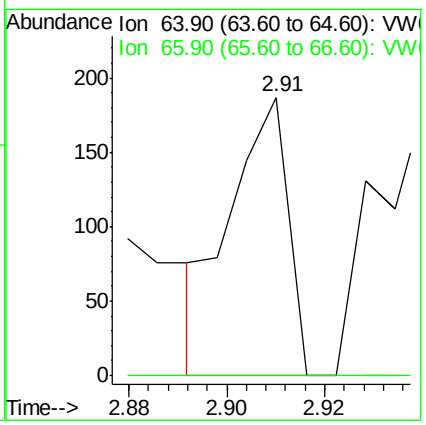


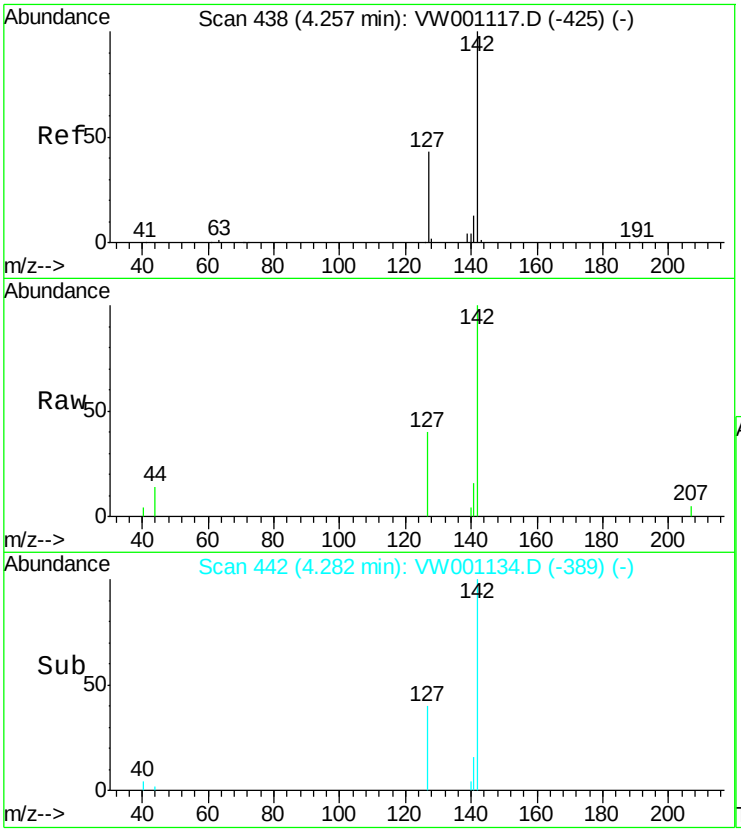


#6
Chloroethane
Concen: 1.27 ug/l
RT: 2.91 min Scan# 217
Delta R.T. 0.01 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Tgt Ion: 64 Resp: 150

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.8	38.8#



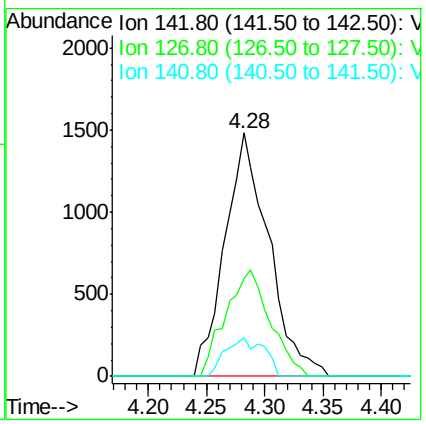


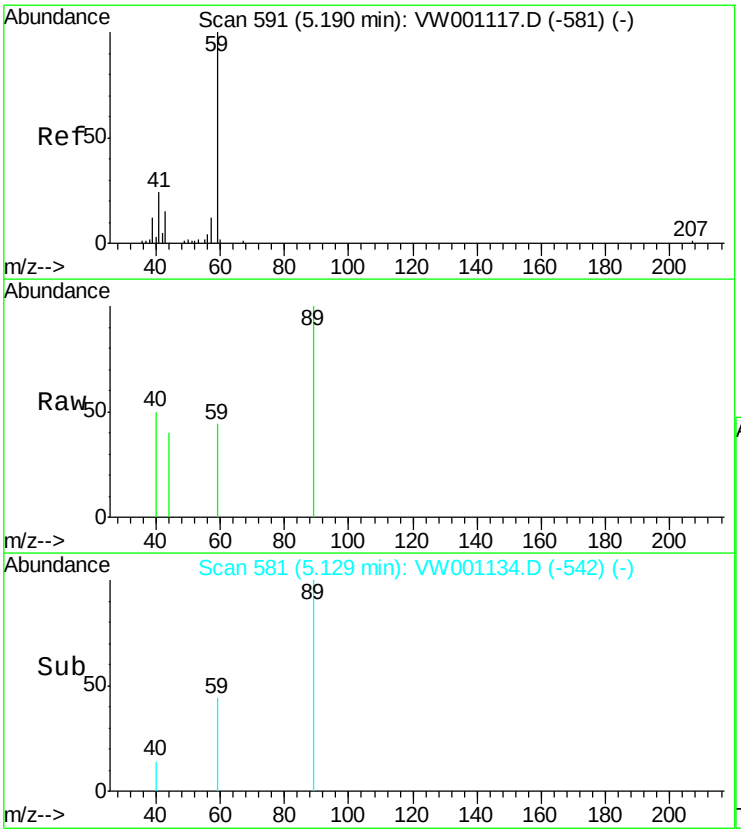
#10
Methyl Iodide
Concen: 14.25 ug/l
RT: 4.28 min Scan# 442
Delta R.T. 0.02 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Instrument : MSVOA_W
ClientSampleId : AU-06-012518-C

Tgt Ion:142 Resp: 3882

Ion	Ratio	Lower	Upper
142	100		
127	44.3	35.4	53.2
141	13.9	11.6	17.4

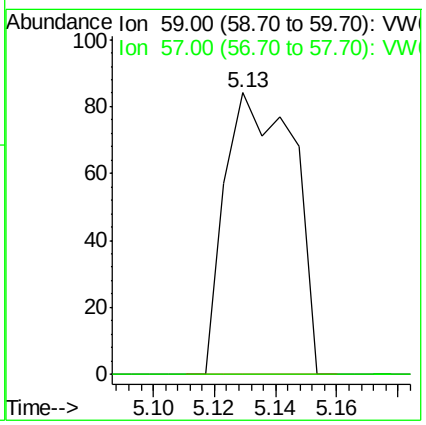


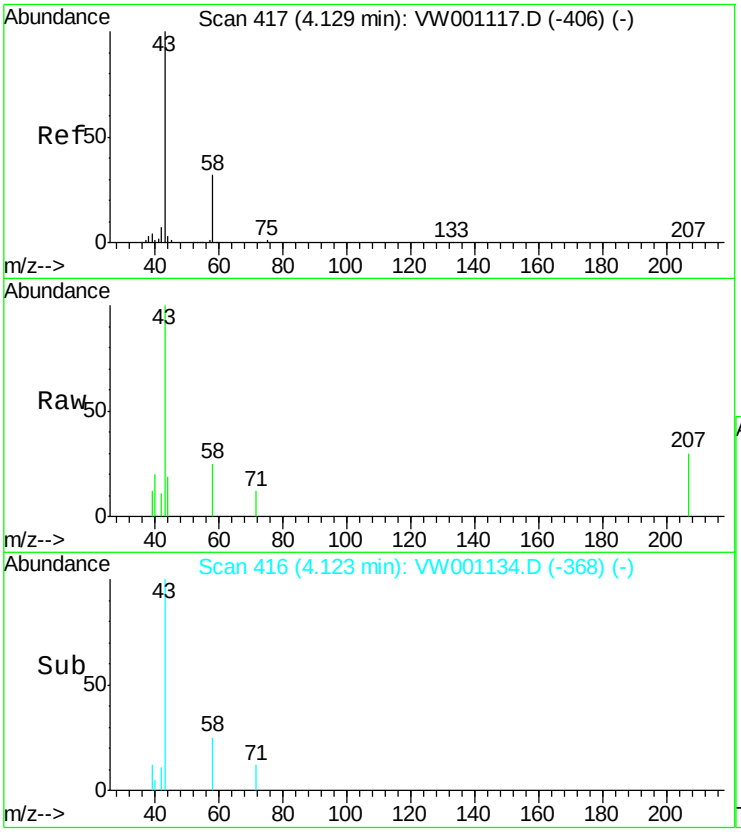


#11
Tert butyl alcohol
Concen: 5.92 ug/l
RT: 5.13 min Scan# 581
Delta R.T. -0.06 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Tgt Ion: 59 Resp: 131

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



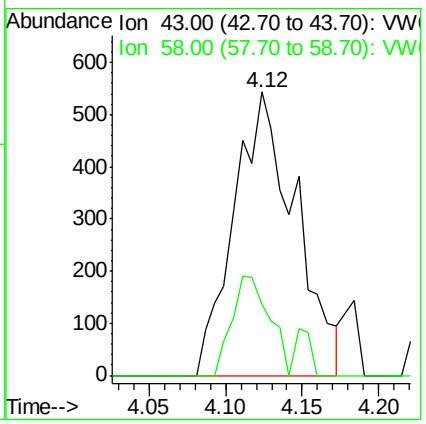


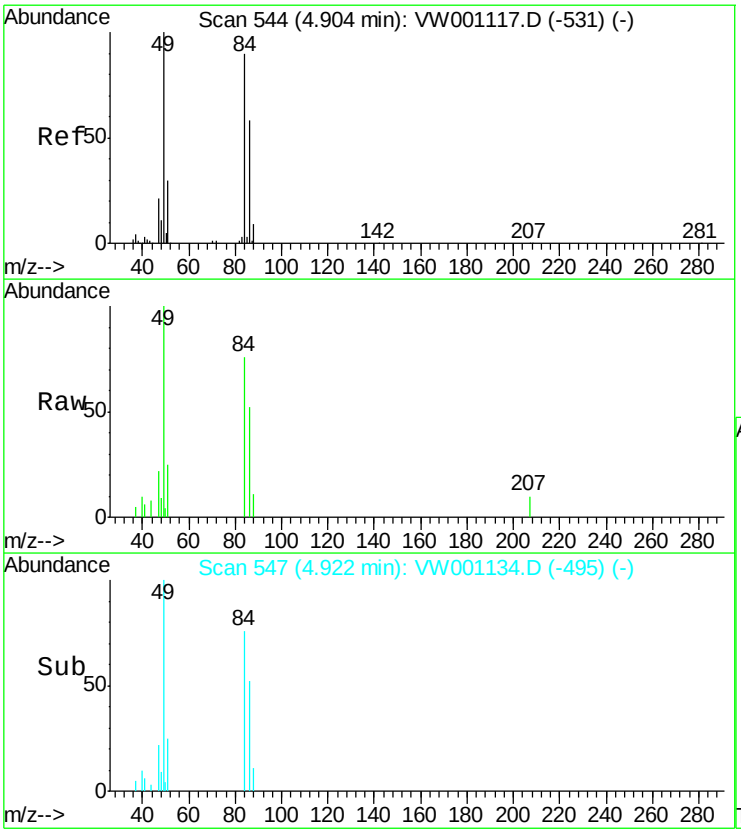
#16
Acetone
Concen: 20.95 ug/l
RT: 4.12 min Scan# 416
Delta R.T. -0.01 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Instrument : MSVOA_W
ClientSampleId : AU-06-012518-C

Tgt Ion: 43 Resp: 1516

Ion	Ratio	Lower	Upper
43	100		
58	25.0	25.7	38.5#

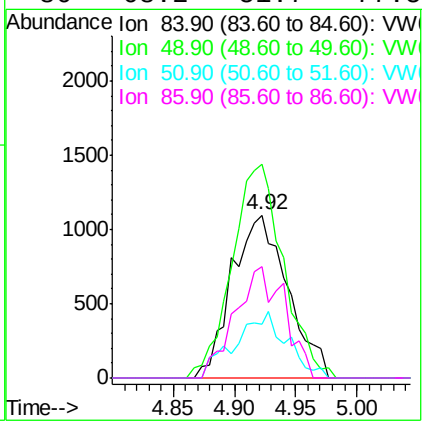


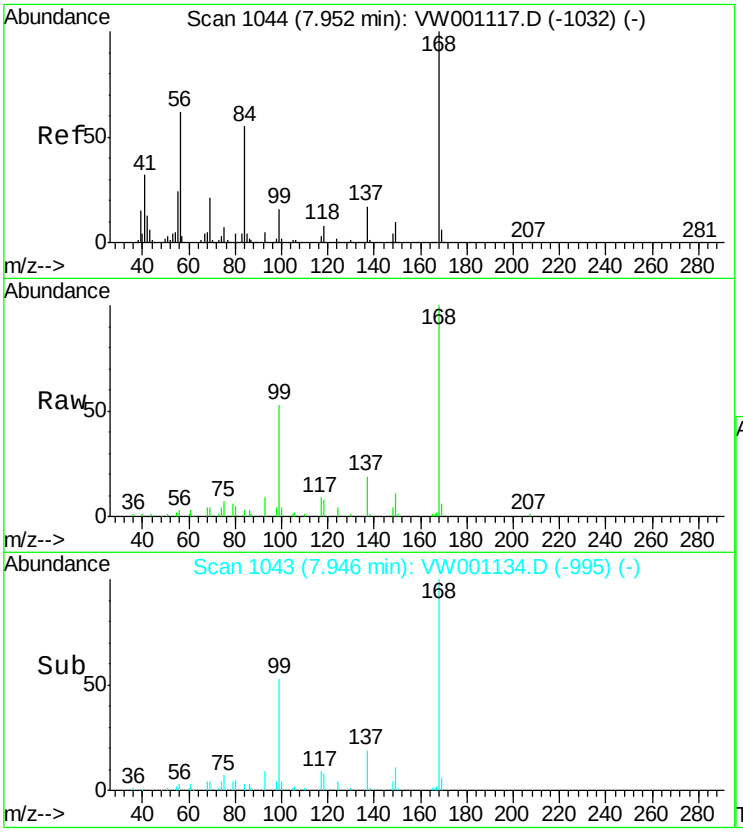


#20
Methylene Chloride
Concen: 12.65 ug/l
RT: 4.92 min Scan# 547
Delta R.T. 0.02 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Tgt Ion: 84 Resp: 3466

Ion	Ratio	Lower	Upper
84	100		
49	131.3	89.2	133.8
51	33.4	26.7	40.1
86	68.2	51.7	77.5



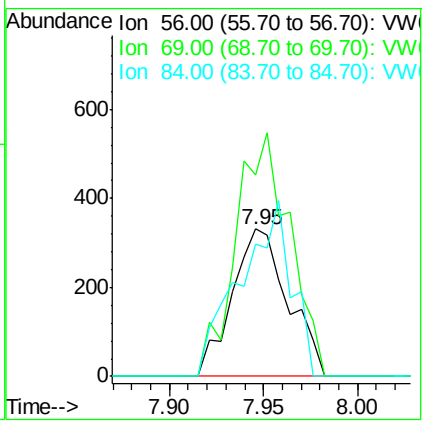


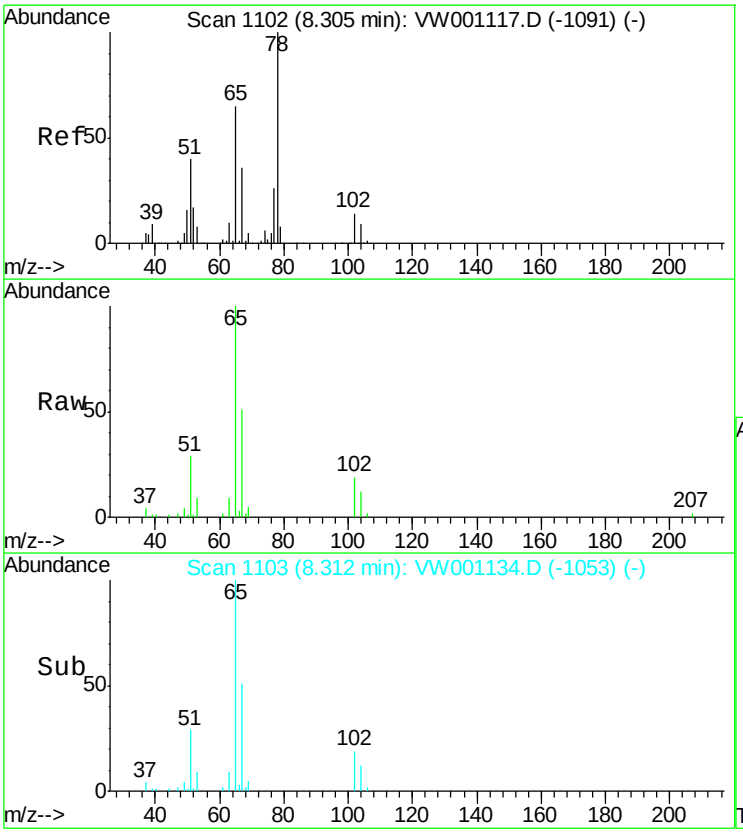
#31
Cyclohexane
Concen: 1.66 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Instrument : MSVOA_W
ClientSampleId : AU-06-012518-C

Tgt Ion: 56 Resp: 680

Ion	Ratio	Lower	Upper
56	100		
69	136.6	27.4	41.0#
84	89.7	71.1	106.7

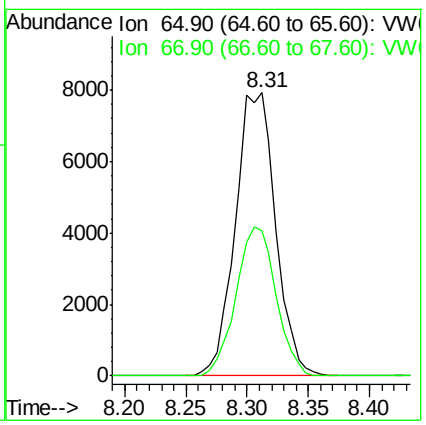


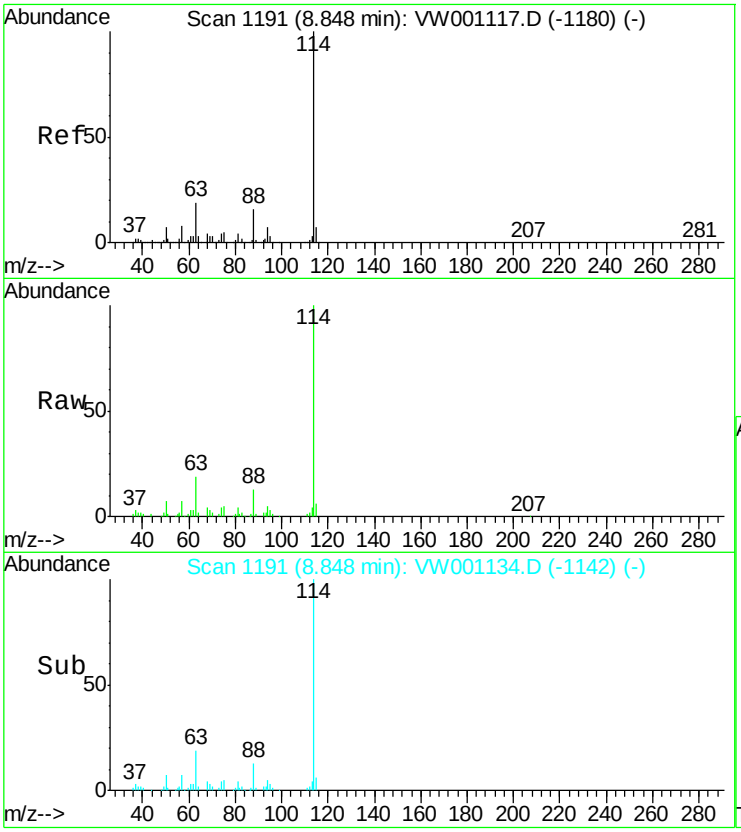


#33
1,2-Dichloroethane-d4
Concen: 65.79 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Tgt Ion: 65 Resp: 18109

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.2



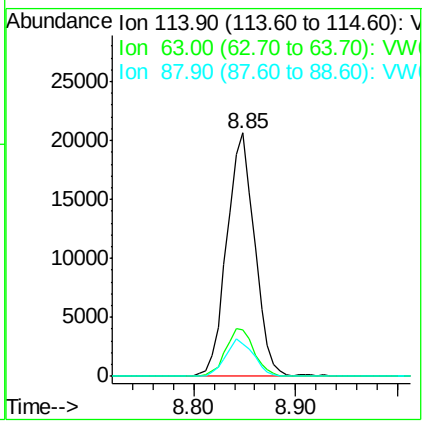


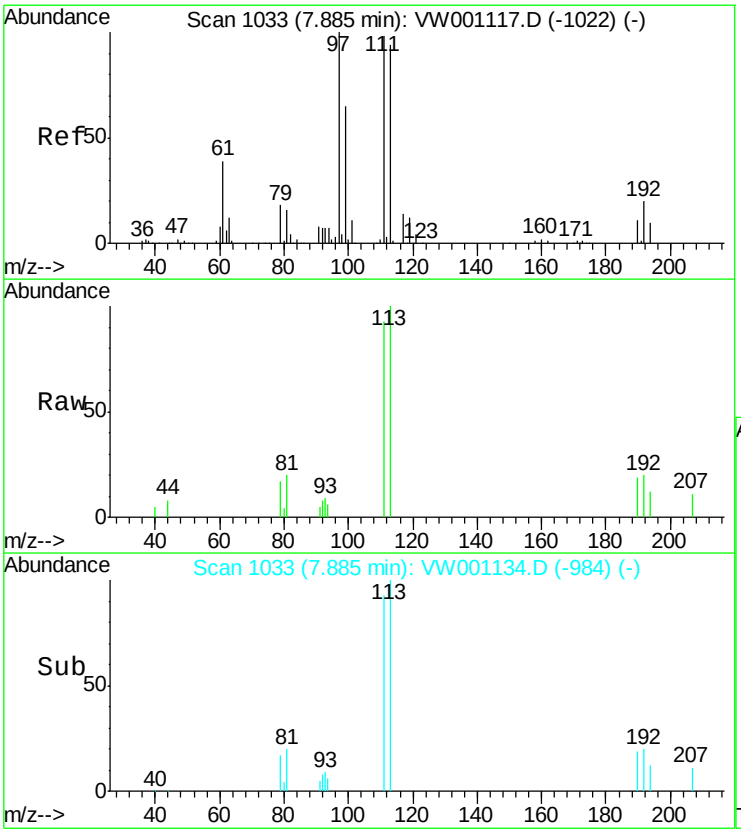
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Instrument : MSVOA_W
ClientSampleId : AU-06-012518-C

Tgt Ion:114 Resp: 38937

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.2
88	13.5	0.0	31.0

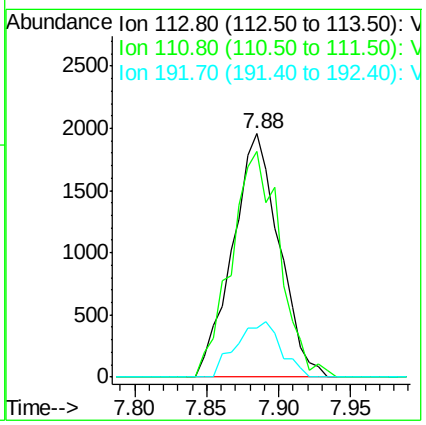


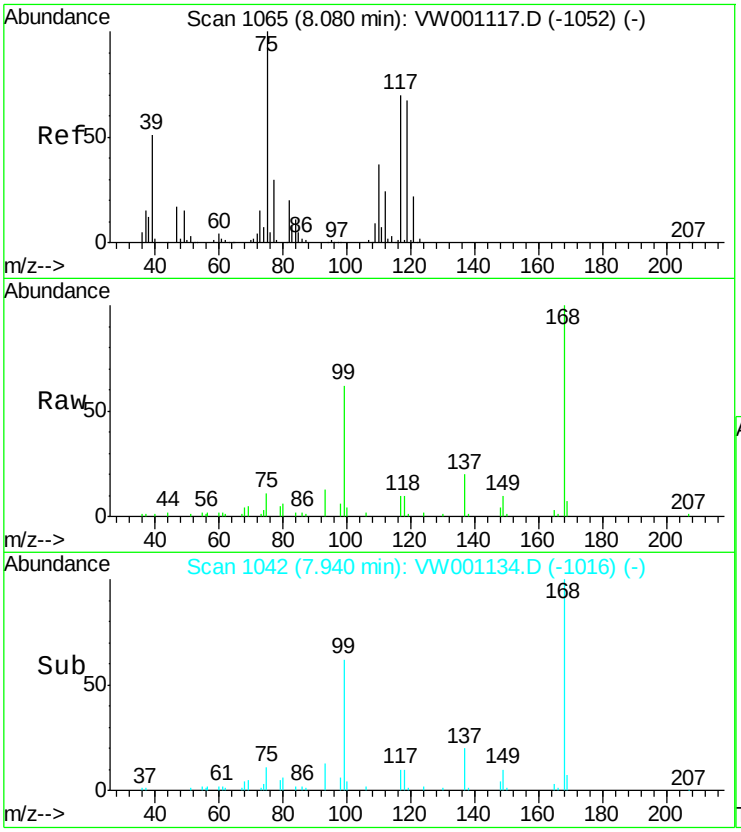


#35
Dibromofluoromethane
Concen: 17.59 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Tgt Ion:113 Resp: 4381

Ion	Ratio	Lower	Upper
113	100		
111	97.1	83.1	124.7
192	21.8	17.8	26.6



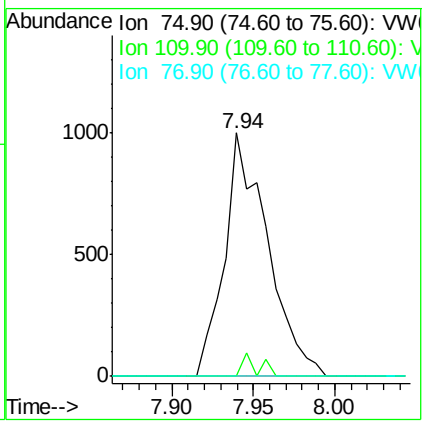


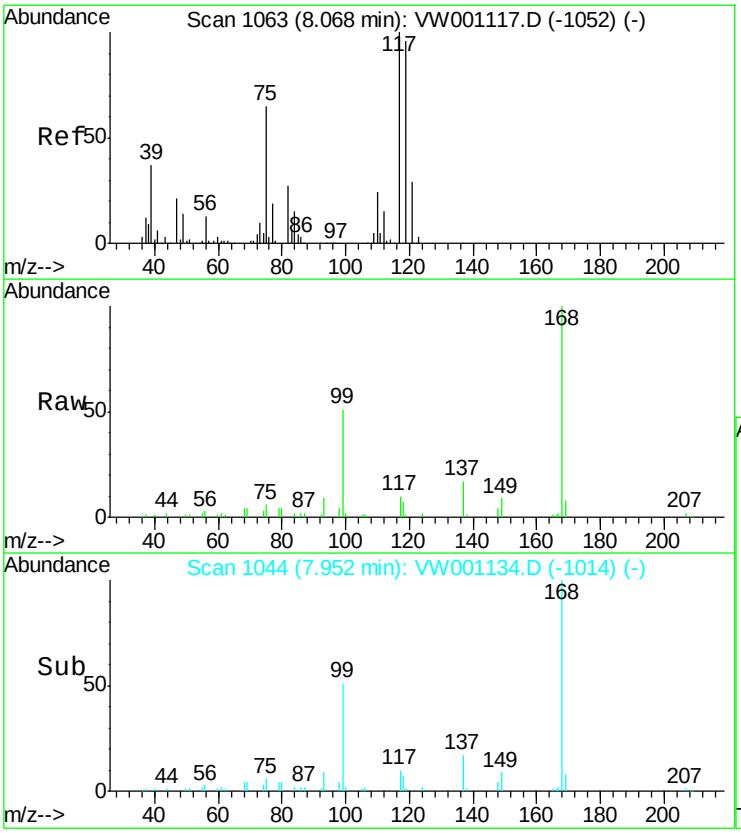
#36
1,1-Dichloropropene
Concen: 5.21 ug/l
RT: 7.94 min Scan# 1042
Delta R.T. -0.14 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Instrument : MSVOA_W
ClientSampleId : AU-06-012518-C

Tgt Ion: 75 Resp: 1833

Ion	Ratio	Lower	Upper
75	100		
110	3.3	18.7	56.1#
77	0.0	24.6	37.0#

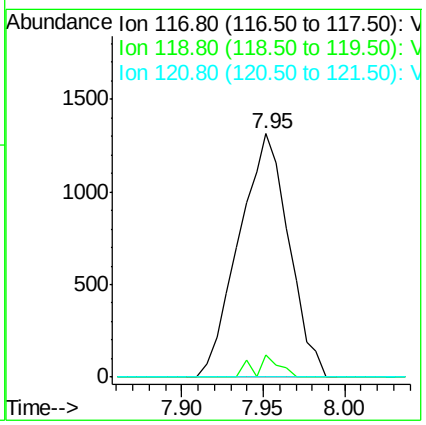


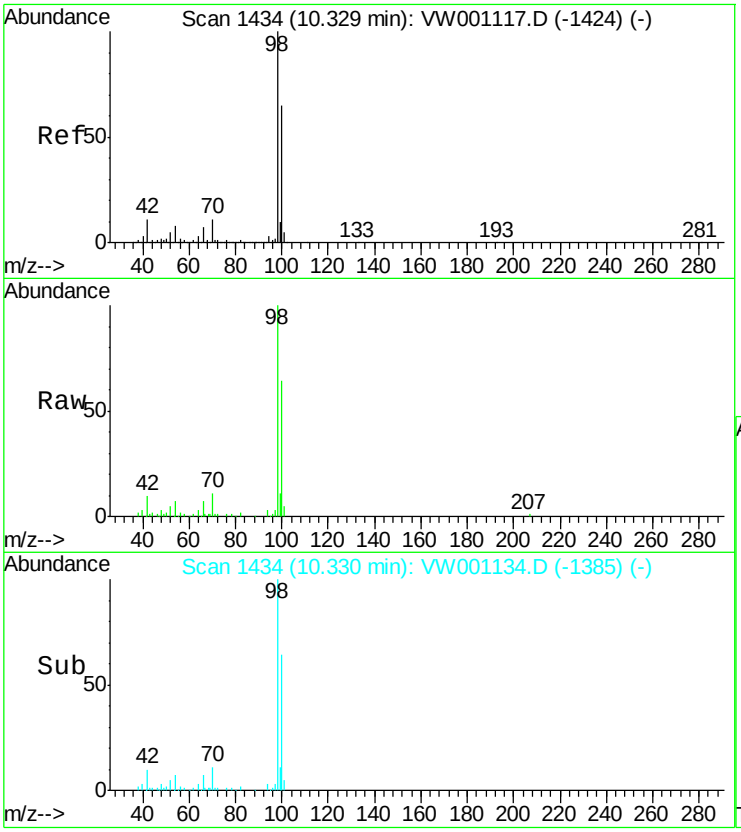


#38
Carbon Tetrachloride
Concen: 7.10 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Tgt Ion:117 Resp: 2789

Ion	Ratio	Lower	Upper
117	100		
119	9.2	77.0	115.4#
121	0.0	23.5	35.3#



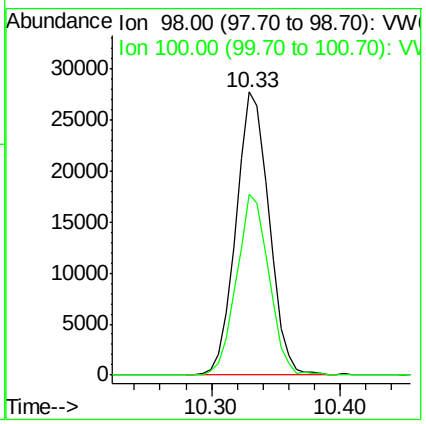


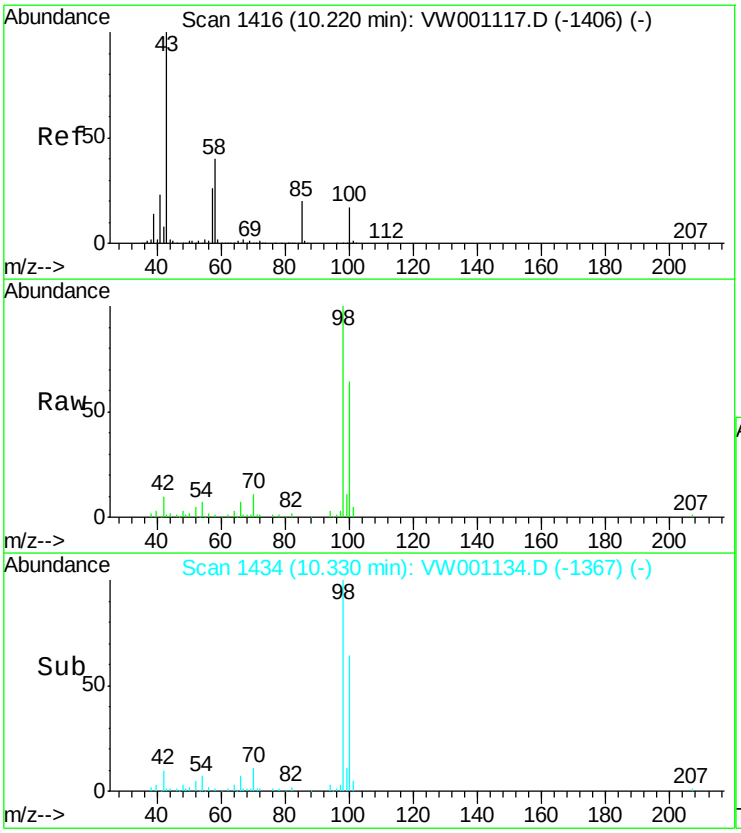
#50
Toluene-d8
Concen: 51.41 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Instrument : MSVOA_W
ClientSampleId : AU-06-012518-C

Tgt Ion: 98 Resp: 49277

Ion	Ratio	Lower	Upper
98	100		
100	62.3	51.3	76.9

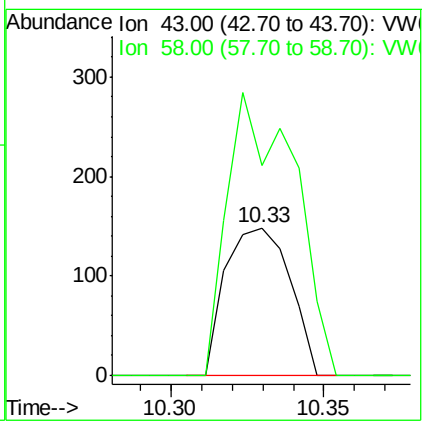


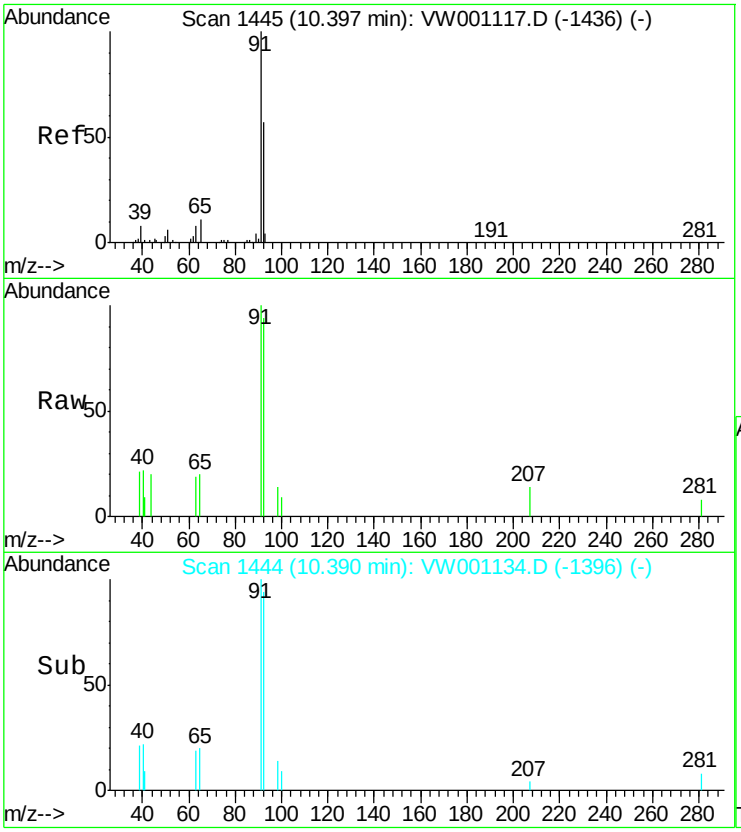


#51
4-Methyl-2-Pentanone
Concen: 1.24 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.11 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Tgt Ion: 43 Resp: 217

Ion	Ratio	Lower	Upper
43	100		
58	199.1	32.1	48.1#



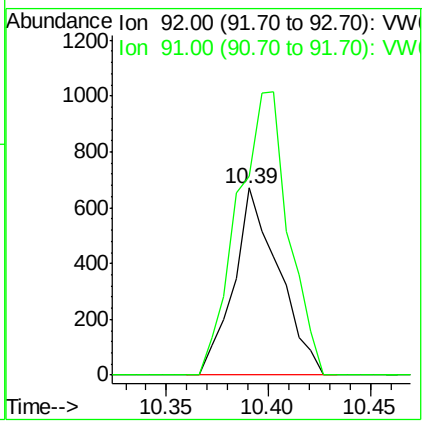


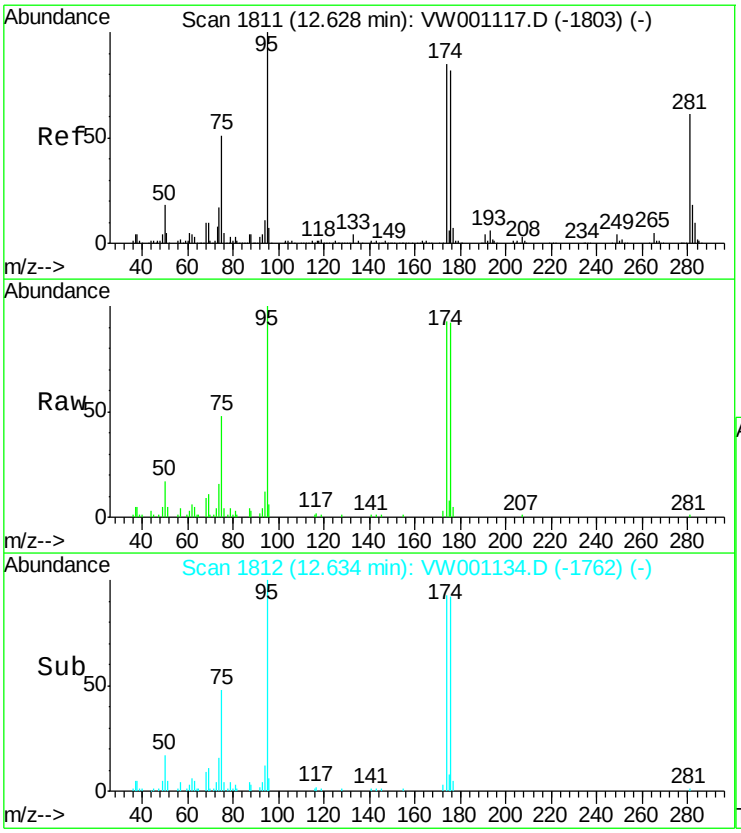
#52
Toluene
Concen: 1.64 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.01 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Instrument : MSVOA_W
ClientSampleId : AU-06-012518-C

Tgt Ion: 92 Resp: 1028

Ion	Ratio	Lower	Upper
92	100		
91	172.3	140.6	211.0

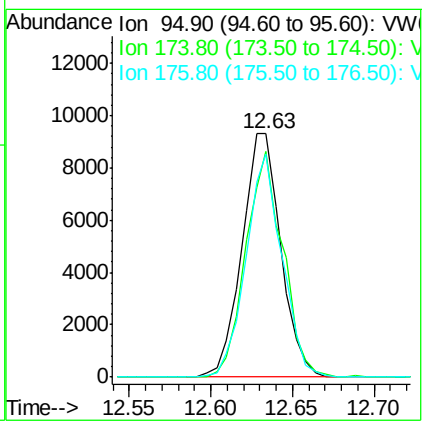


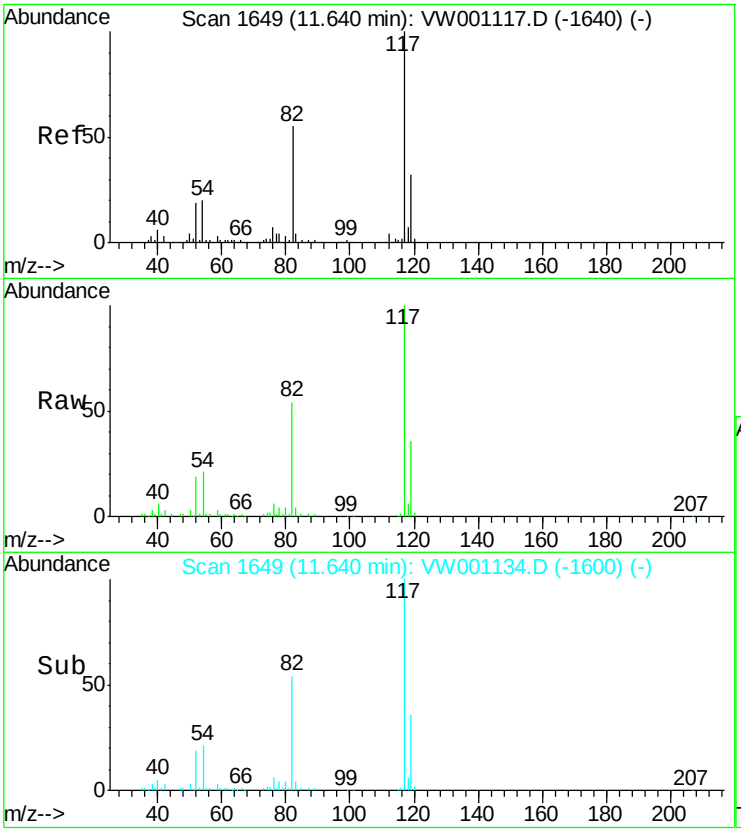


#62
4-Bromofluorobenzene
Concen: 43.74 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Tgt Ion: 95 Resp: 15451

Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	179.6
176	85.0	0.0	174.4



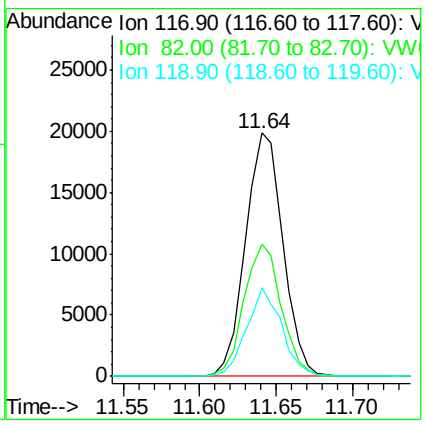


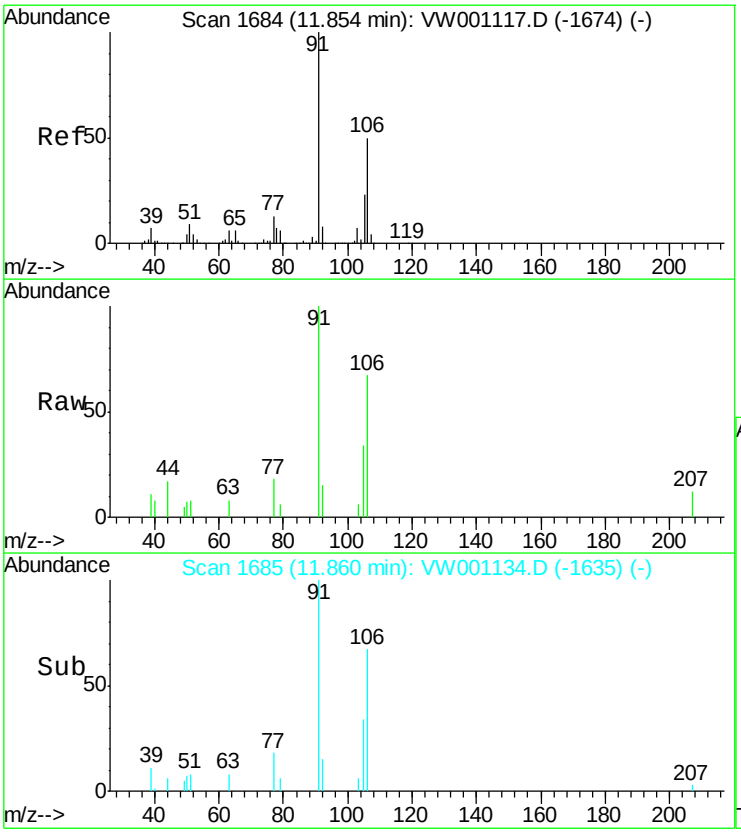
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Instrument : MSVOA_W
ClientSampleId : AU-06-012518-C

Tgt Ion:117 Resp: 33875

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.8	65.8
119	36.4	25.8	38.8

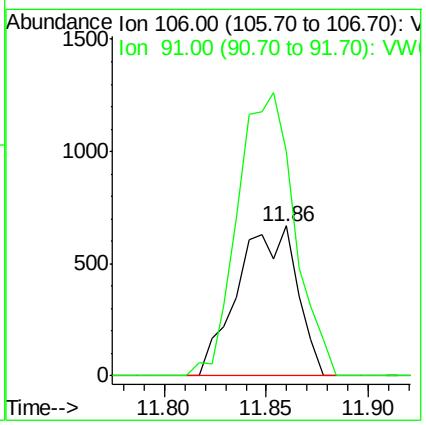


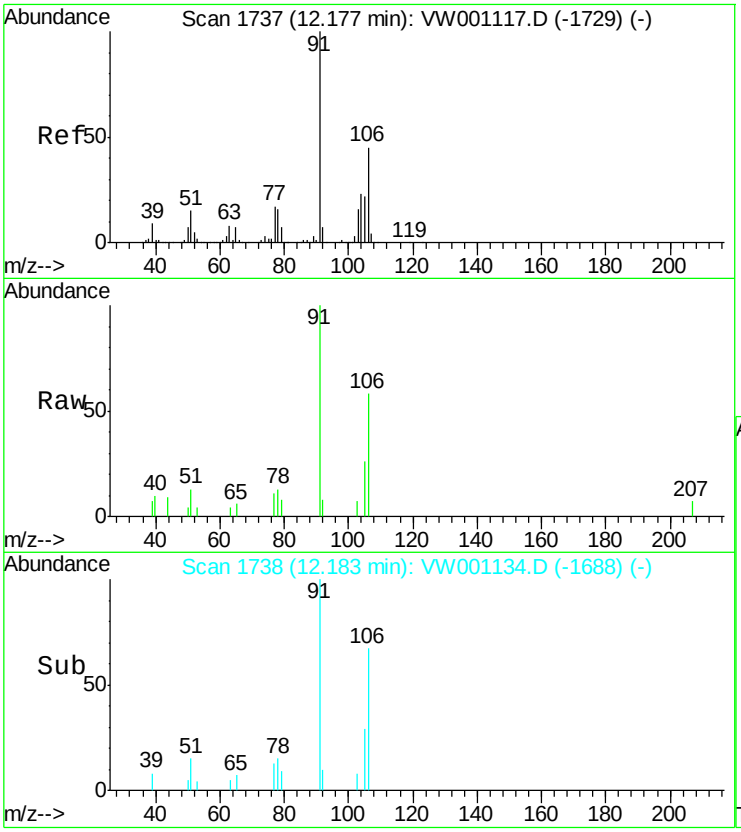


#68
m/p-Xylenes
Concen: 3.03 ug/l
RT: 11.86 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Tgt Ion:106 Resp: 1345

Ion	Ratio	Lower	Upper
106	100		
91	181.9	163.1	244.7



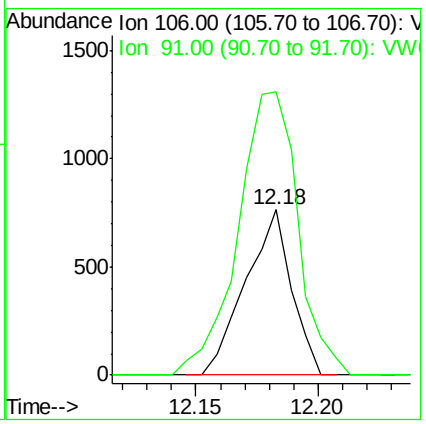


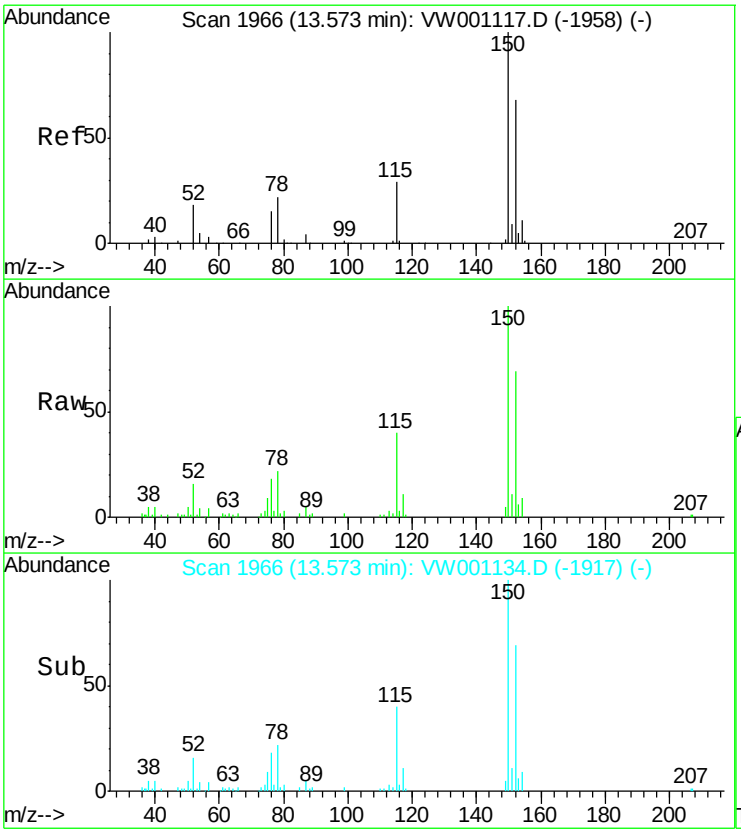
#69
o-Xylene
Concen: 2.45 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Instrument : MSVOA_W
ClientSampleId : AU-06-012518-C

Tgt Ion:106 Resp: 1003

Ion	Ratio	Lower	Upper
106	100		
91	222.7	107.6	322.8

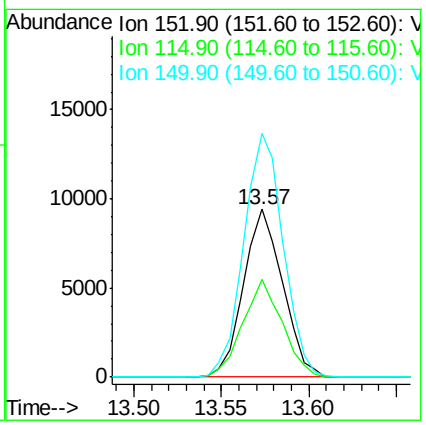


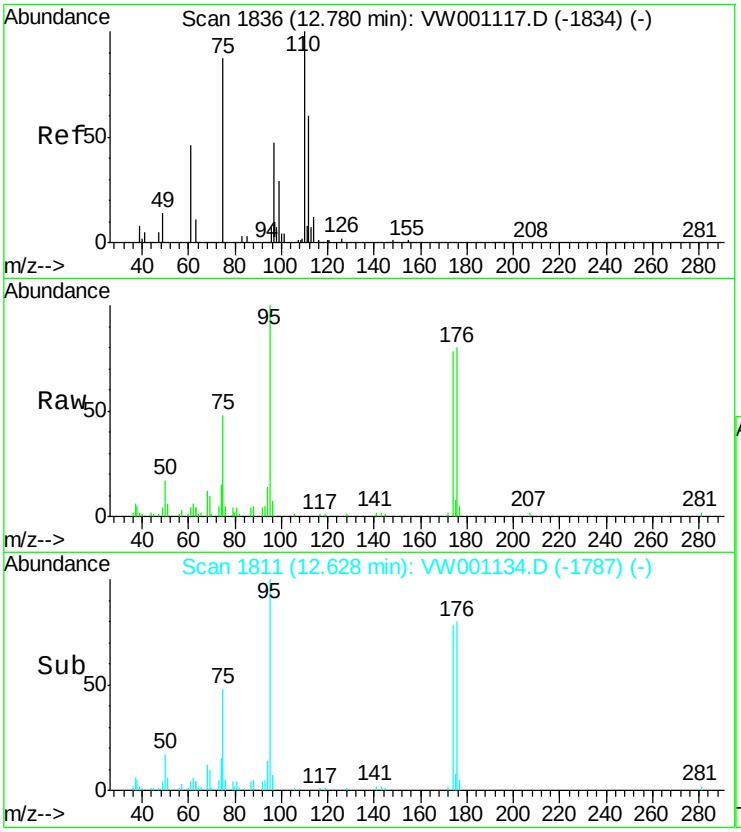


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Tgt Ion:152 Resp: 14634

Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.4	85.3
150	147.0	0.0	342.4



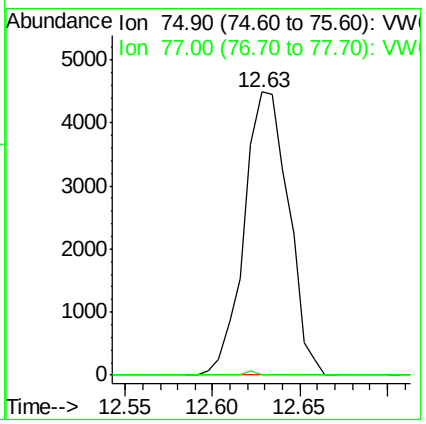


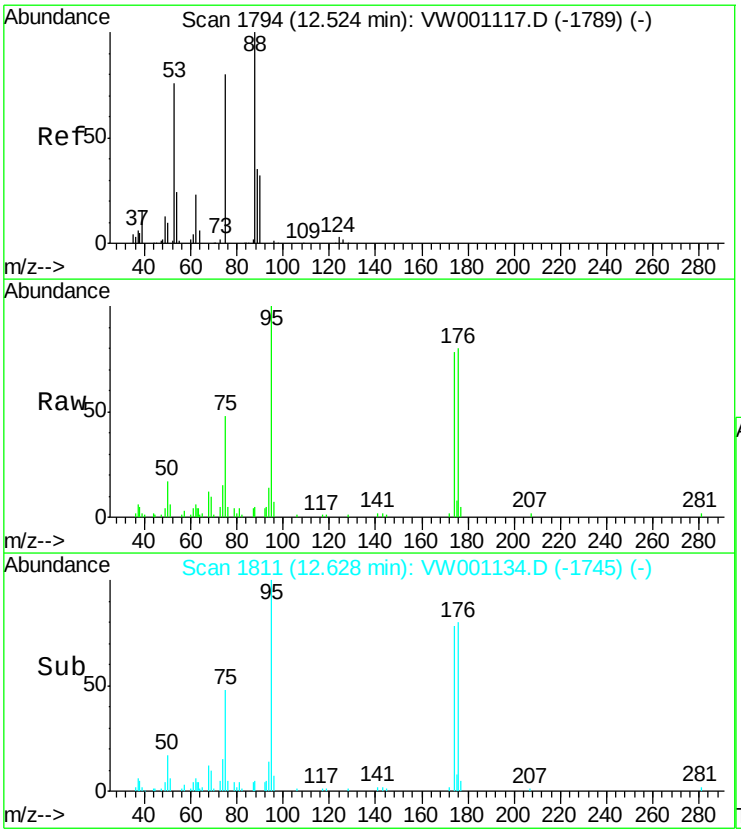
#76
1,2,3-Trichloropropane
Concen: 53.23 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Instrument :
MSVOA_W
ClientSampleId :
AU-06-012518-C

Tgt Ion: 75 Resp: 7895

Ion	Ratio	Lower	Upper
75	100		
77	0.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 139.97 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.10 min
Lab File: VW001134.D
Acq: 29 Jan 2018 22:04

Tgt Ion: 75 Resp: 7895

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