Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100418\
Data File : VW005851.D
Acq On : 04 Oct 2018 11:50
Operator : SY/AP
Sample : J5198-03RE
Misc : 6.48G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : CL-01-100218-BRE

Quant Time: Oct 04 13:52:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 04 07:08:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	173298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	104997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	15557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	57278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	86212	41.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.02%			
35) Dibromofluoromethane	7.88	113	73934	107.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 214.86%			
50) Toluene-d8	10.33	98	4319	1.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 3.16%			
62) 4-Bromofluorobenzene	12.62	95	49745	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.52%			
Target Compounds						Qvalue
8) Diethyl Ether	3.68	74	1703	1.870	ug/l	96
16) Acetone	4.14	43	7758	22.111	ug/l	99
39) Methylcyclohexane	9.34	83	4247	3.615	ug/l	95
64) Tetrachloroethene	10.87	164	528	4.348	ug/l	90
67) Ethyl Benzene	11.74	91	8787	15.086	ug/l	96
68) m/p-Xylenes	11.85	106	4669	20.803	ug/l	95
69) o-Xylene	12.17	106	4534	21.734	ug/l	100
73) Isopropylbenzene	12.47	105	5995	1.521	ug/l	96
78) n-propylbenzene	12.81	91	6232	1.329	ug/l	94
80) 1,3,5-Trimethylbenzene	12.95	105	8310	2.428	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	14881	4.235	ug/l	97
95) Naphthalene	15.38	128	3063	3.361	ug/l #	95

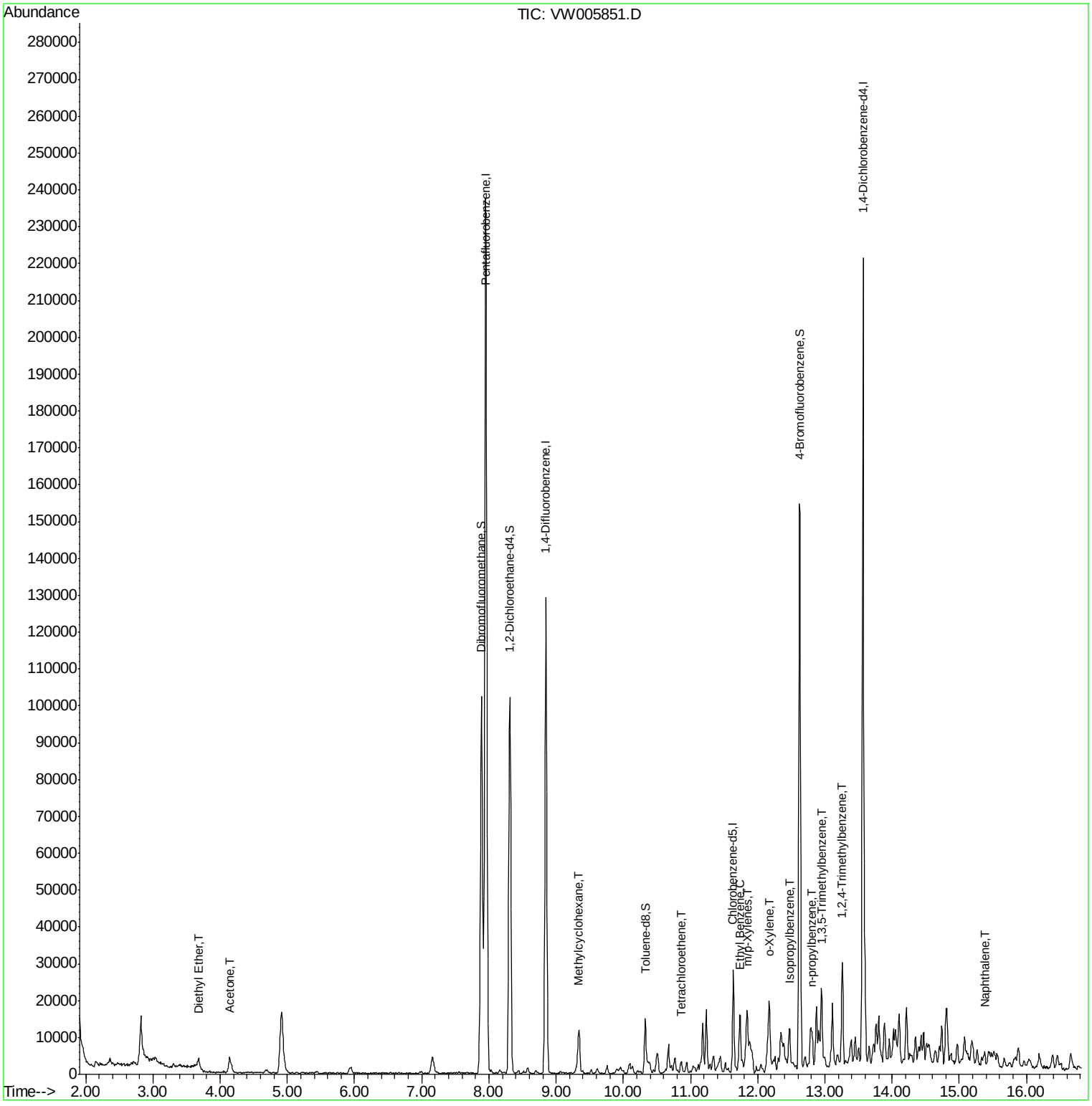
(#) = qualifier out of range (m) = manual integration (+) = signals summed

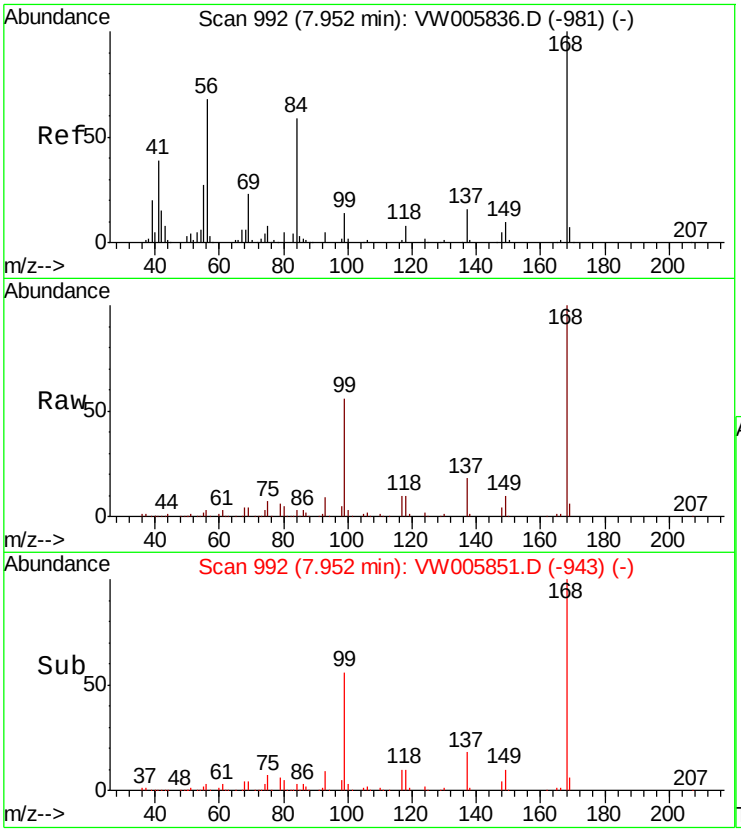
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
Data File : VW005851.D
Acq On : 04 Oct 2018 11:50
Operator : SY/AP
Sample : J5198-03RE
Misc : 6.48G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-01-100218-BRE

Quant Time: Oct 04 13:52:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 04 07:08:57 2018
Response via : Initial Calibration



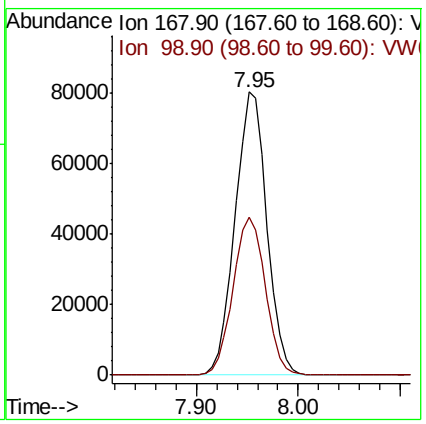


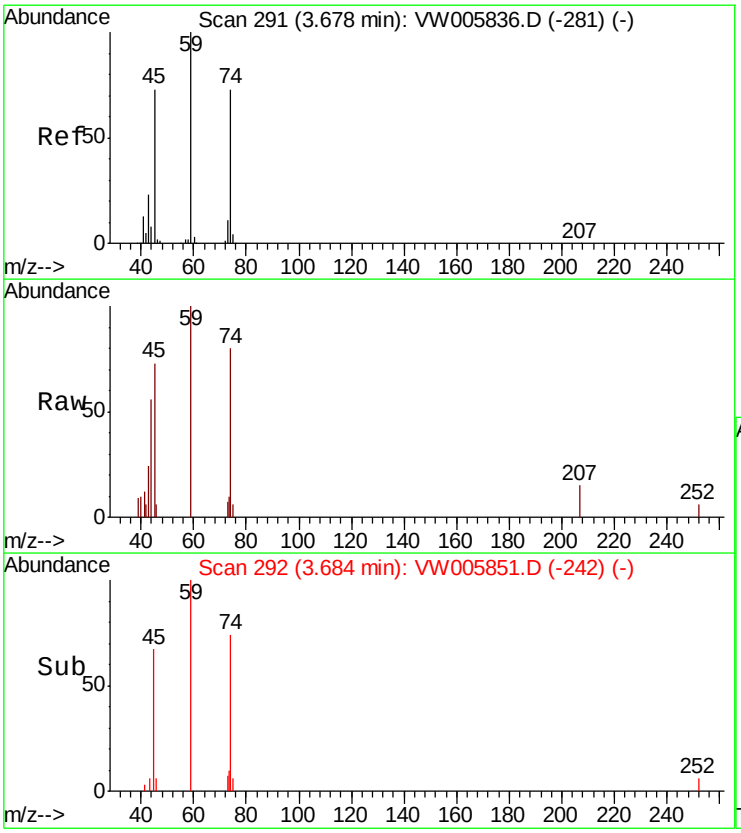
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Instrument :
MSVOA_W
ClientSampleId :
CL-01-100218-BRE

Tgt Ion:168 Resp: 173298

Ion	Ratio	Lower	Upper
168	100		
99	55.6	45.4	68.2

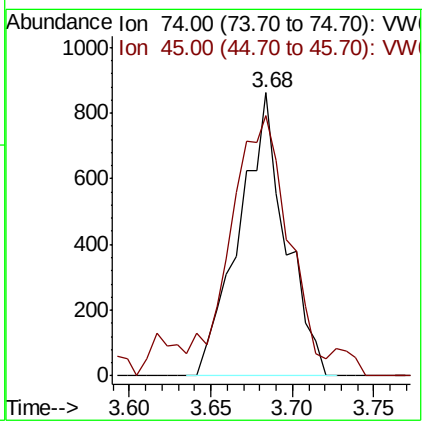


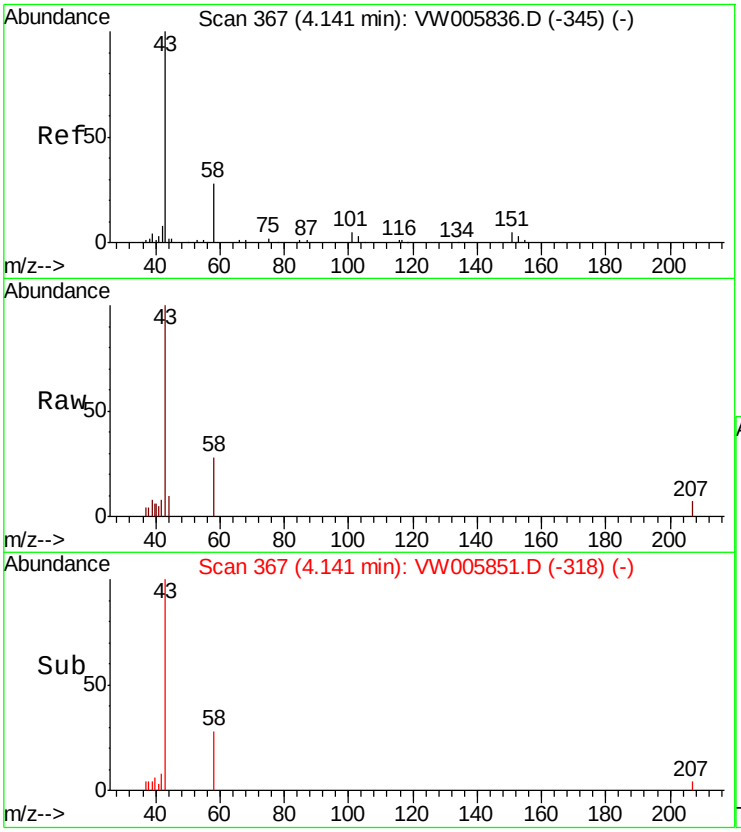


#8
Diethyl Ether
Concen: 1.870 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.01 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Tgt Ion: 74 Resp: 1703

Ion	Ratio	Lower	Upper
74	100		
45	102.2	49.1	147.4



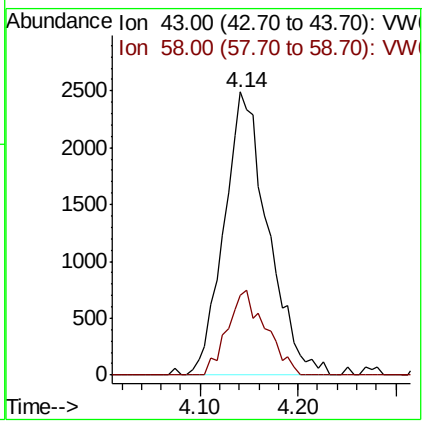


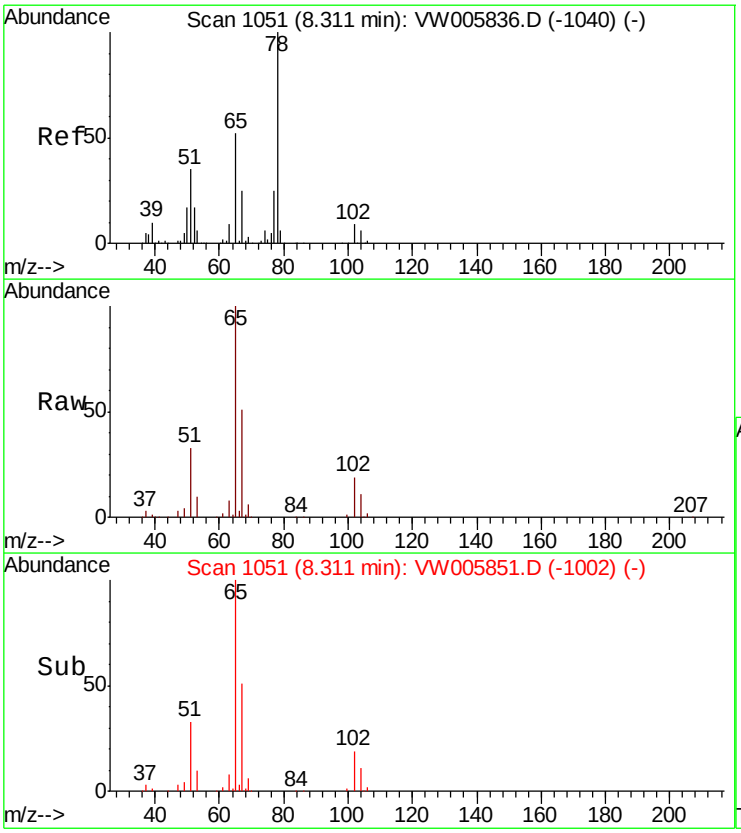
#16
Acetone
Concen: 22.111 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.00 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Instrument :
MSVOA_W
ClientSampleId :
CL-01-100218-BRE

Tgt Ion: 43 Resp: 7758

Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.0	34.4

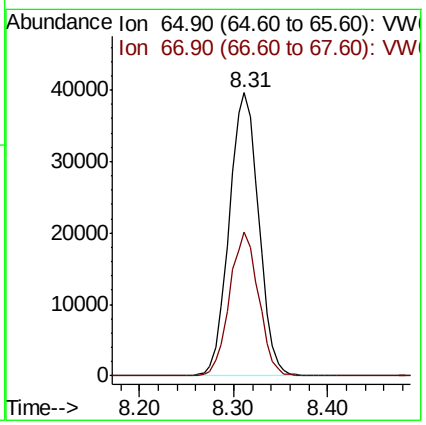


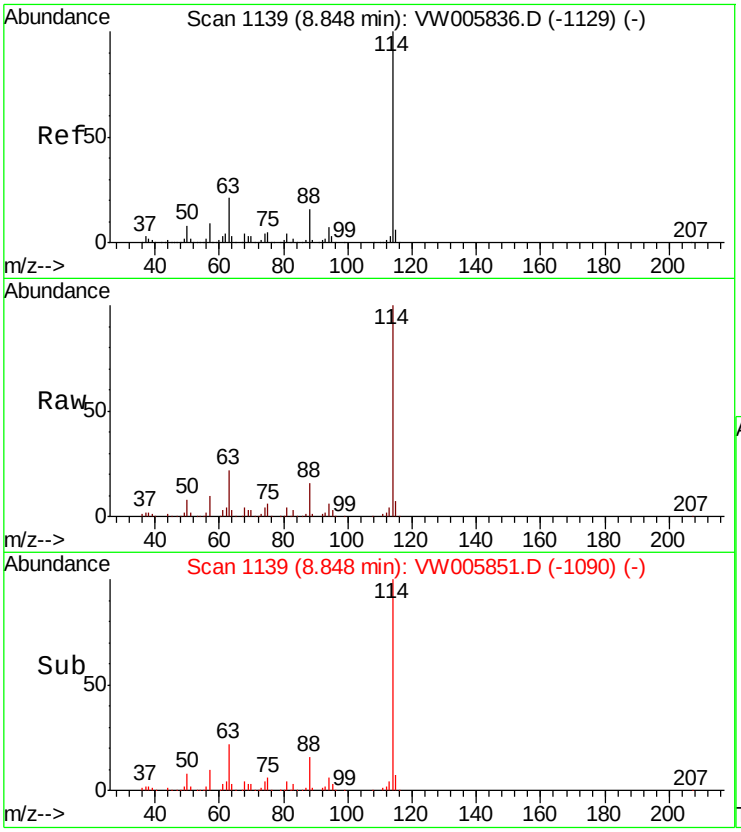


#33
1,2-Dichloroethane-d4
Concen: 41.007 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Tgt Ion: 65 Resp: 86212

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	98.0



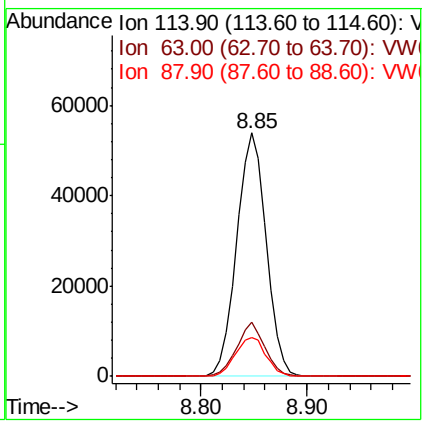


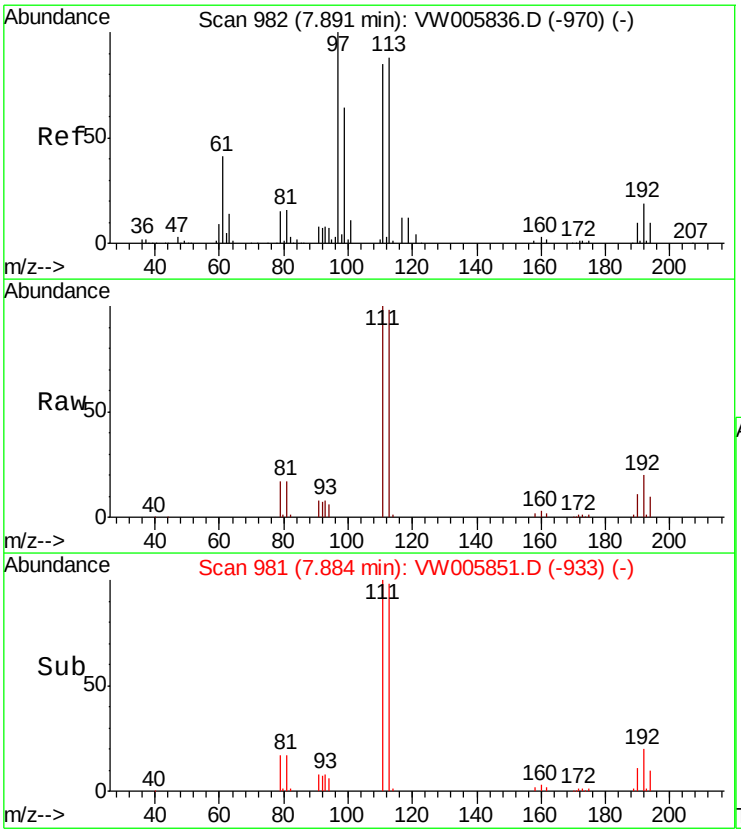
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Instrument :
MSVOA_W
ClientSampleId :
CL-01-100218-BRE

Tgt Ion:114 Resp: 104997

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	42.0
88	15.8	0.0	31.2

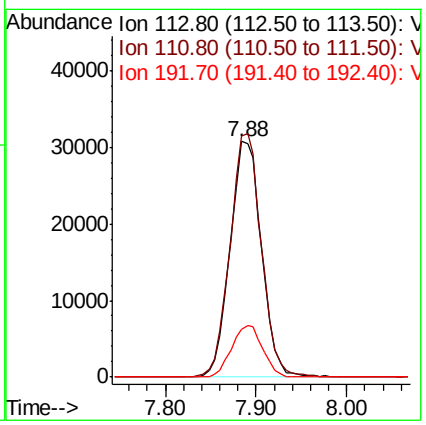


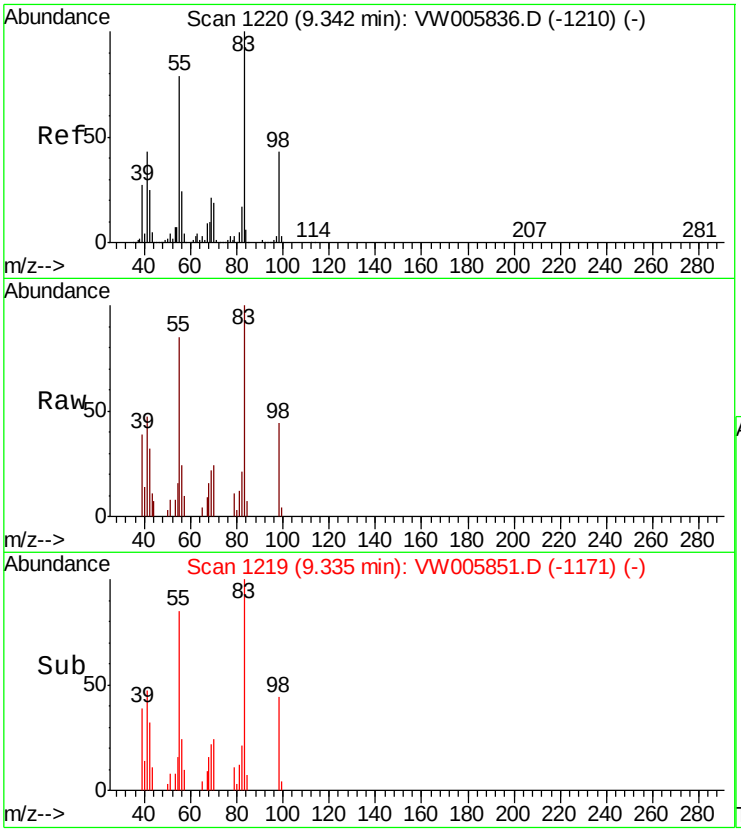


#35
Dibromofluoromethane
Concen: 107.431 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Tgt Ion:113 Resp: 73934

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	21.8	17.3	25.9



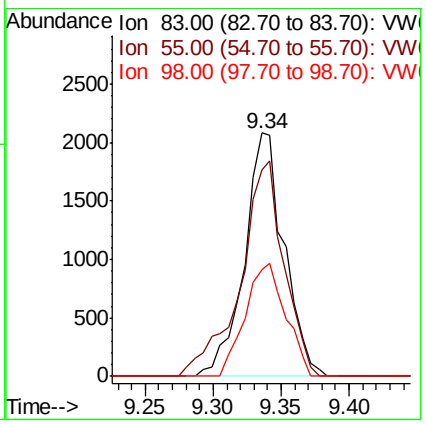


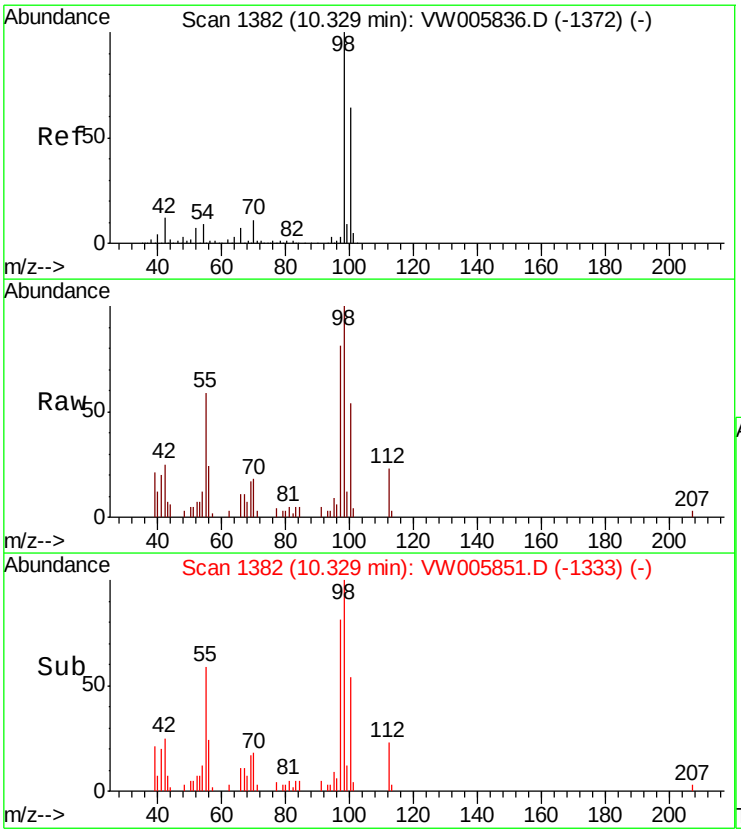
#39
Methylcyclohexane
Concen: 3.615 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Instrument : MSVOA_W
ClientSampleId : CL-01-100218-BRE

Tgt Ion: 83 Resp: 4247

Ion	Ratio	Lower	Upper
83	100		
55	84.7	63.0	94.4
98	44.0	34.5	51.7

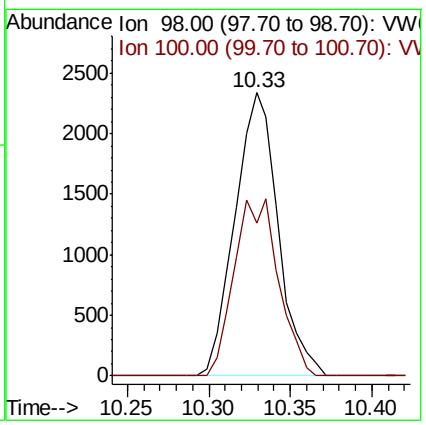


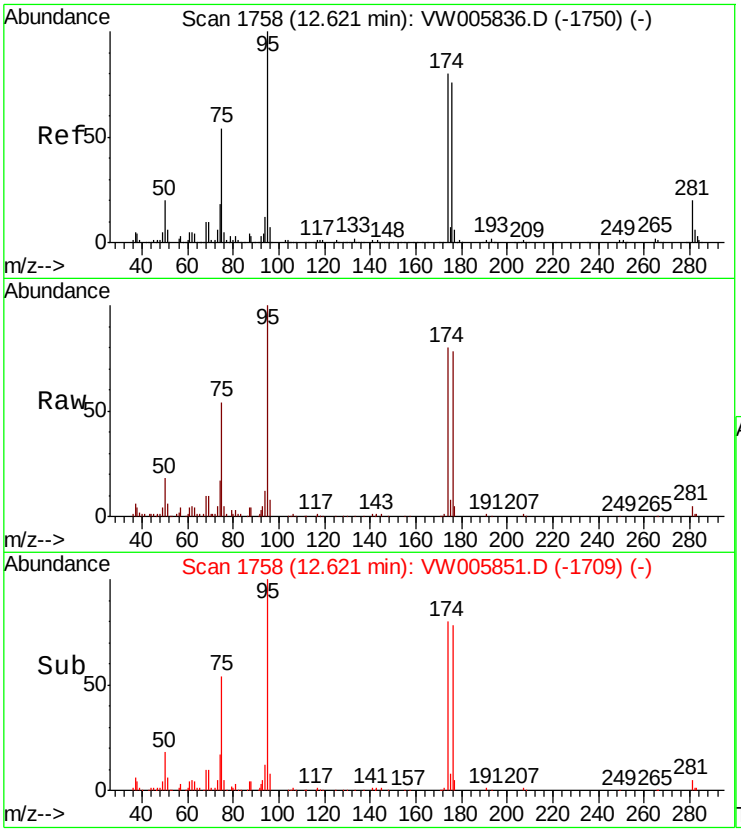


#50
Toluene-d8
Concen: 1.581 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Tgt Ion: 98 Resp: 4319

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.7	77.5



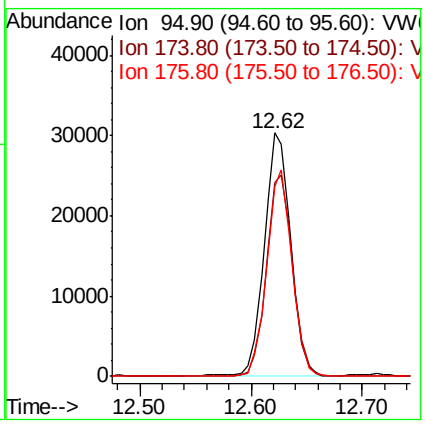


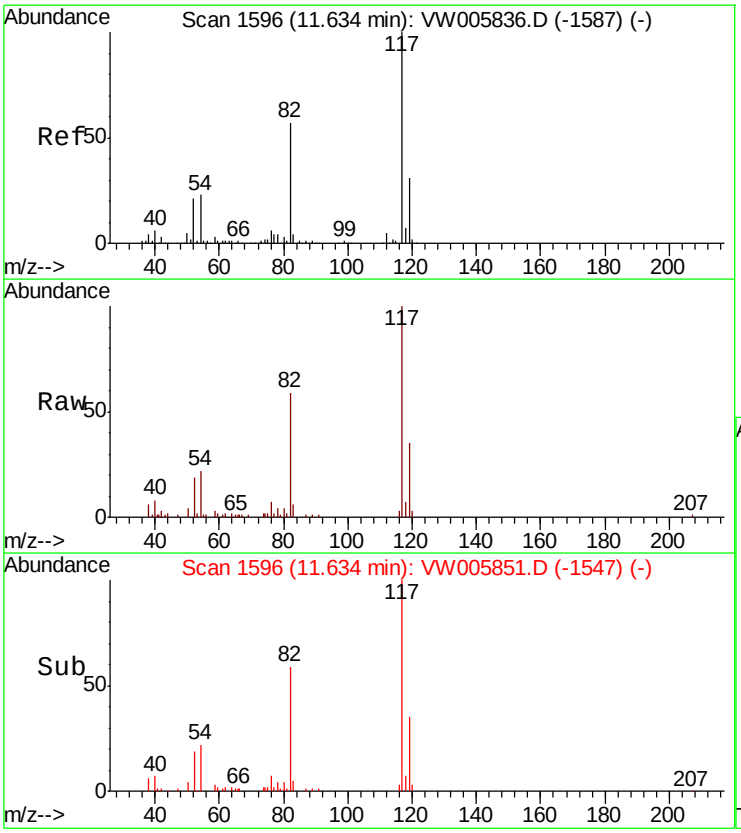
#62
4-Bromofluorobenzene
Concen: 49.258 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Instrument :
MSVOA_W
ClientSampleId :
CL-01-100218-BRE

Tgt Ion: 95 Resp: 49745

Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	169.0
176	80.8	0.0	164.2

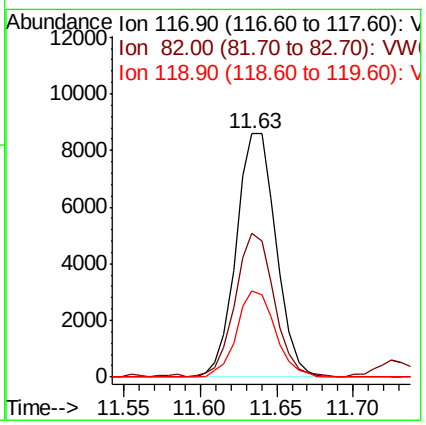


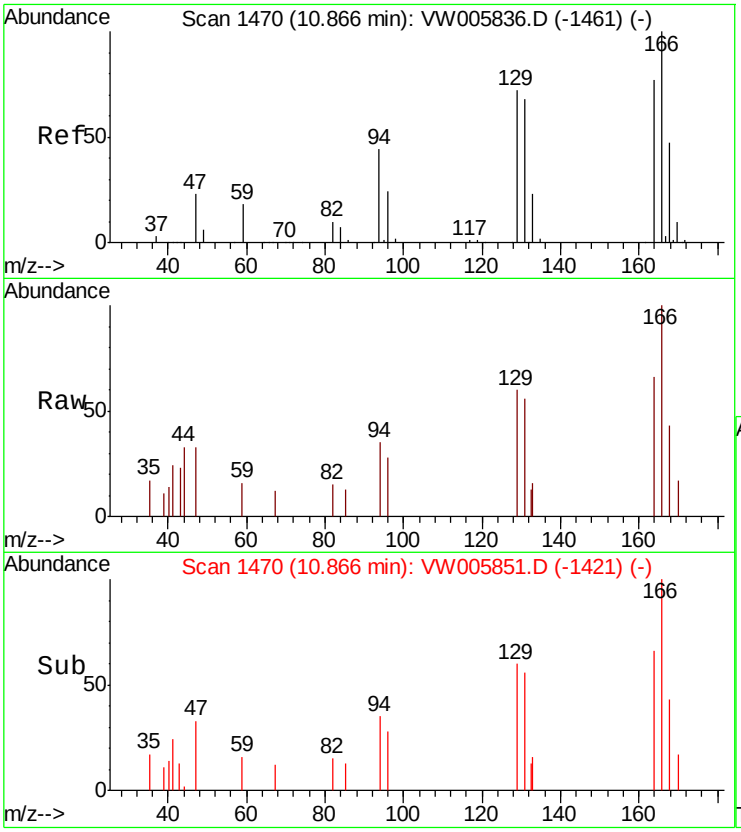


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Tgt Ion:117 Resp: 15557

Ion	Ratio	Lower	Upper
117	100		
82	59.2	45.6	68.4
119	35.2	25.0	37.6



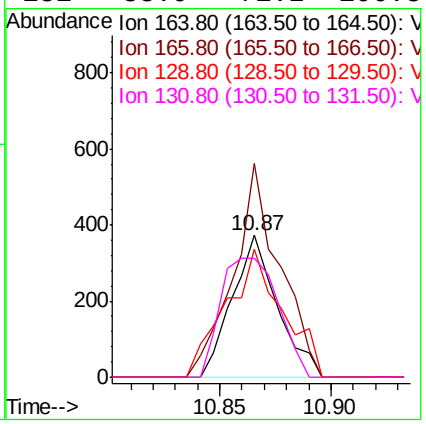


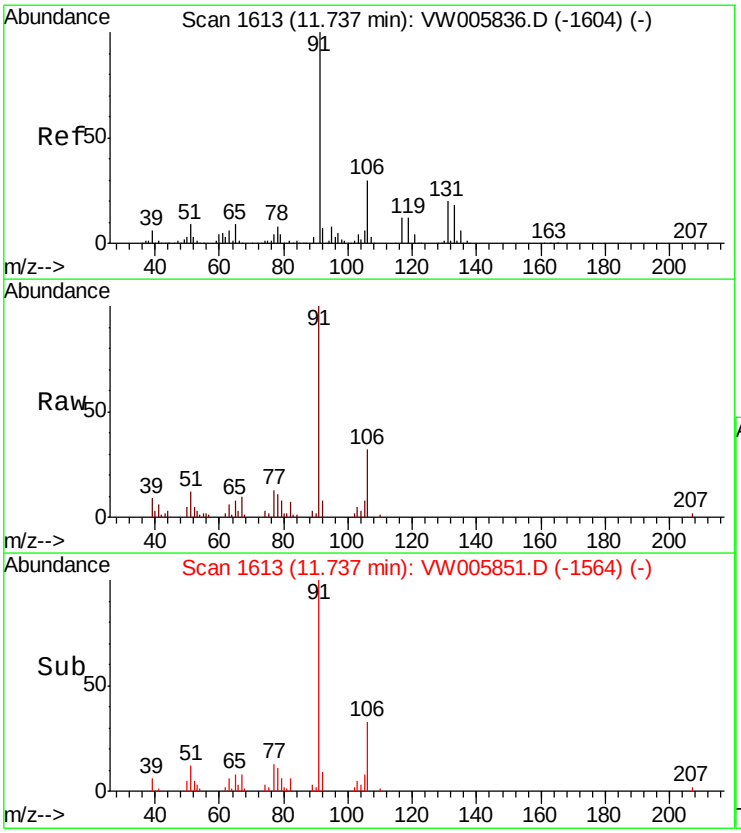
#64
Tetrachloroethene
Concen: 4.348 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Instrument :
MSVOA_W
ClientSampleId :
CL-01-100218-BRE

Tgt Ion:164 Resp: 528

Ion	Ratio	Lower	Upper
164	100		
166	150.8	104.0	156.0
129	90.3	74.8	112.2
131	83.9	71.2	106.8

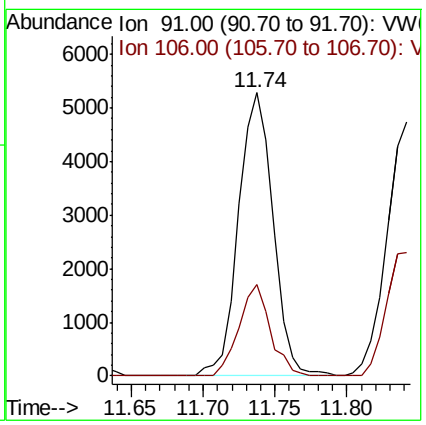


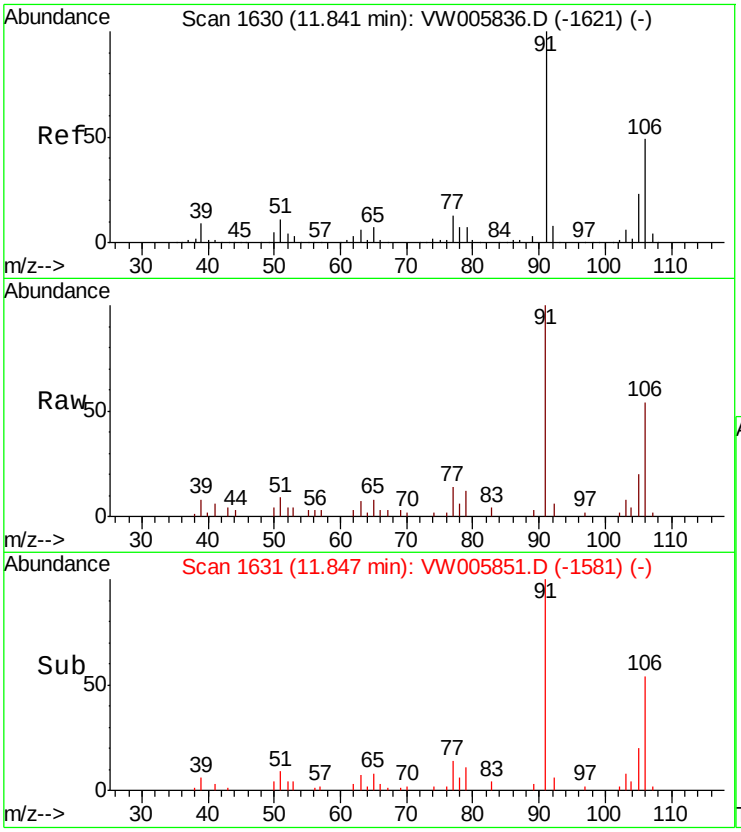


#67
Ethyl Benzene
Concen: 15.086 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Tgt Ion: 91 Resp: 8787

Ion	Ratio	Lower	Upper
91	100		
106	32.4	24.3	36.5



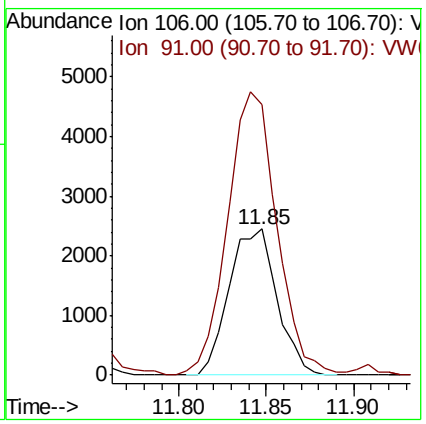


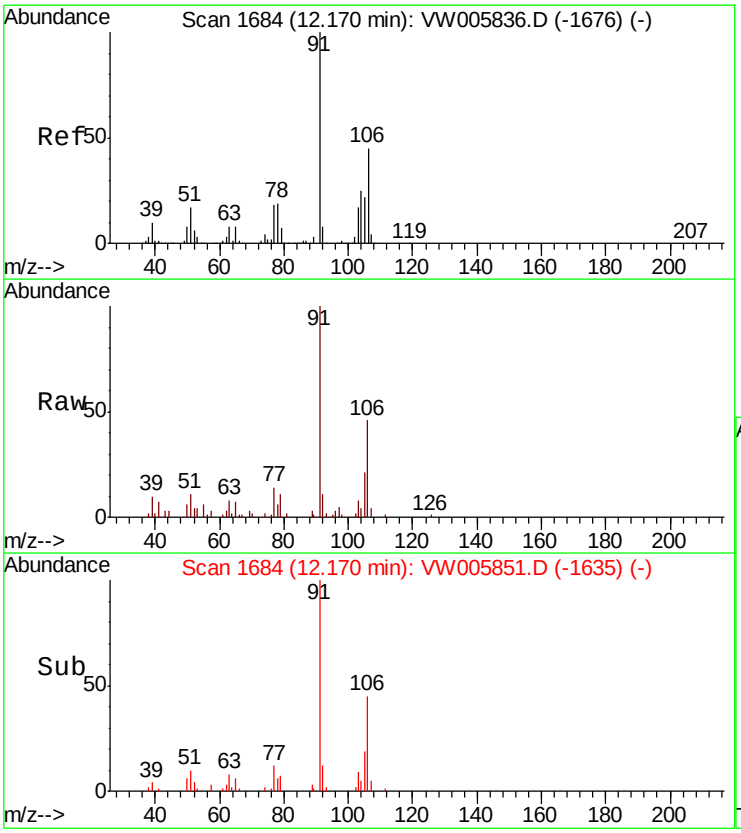
#68
m/p-Xylenes
Concen: 20.803 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Instrument : MSVOA_W
ClientSampleId : CL-01-100218-BRE

Tgt Ion:106 Resp: 4669

Ion	Ratio	Lower	Upper
106	100		
91	199.2	165.4	248.0

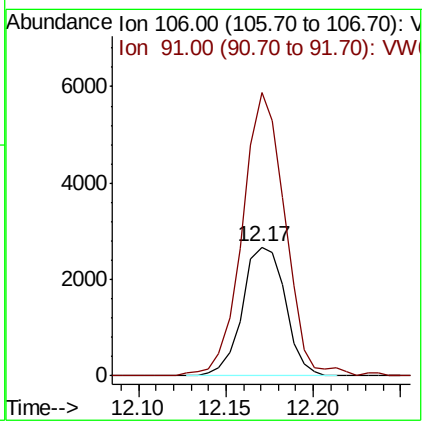


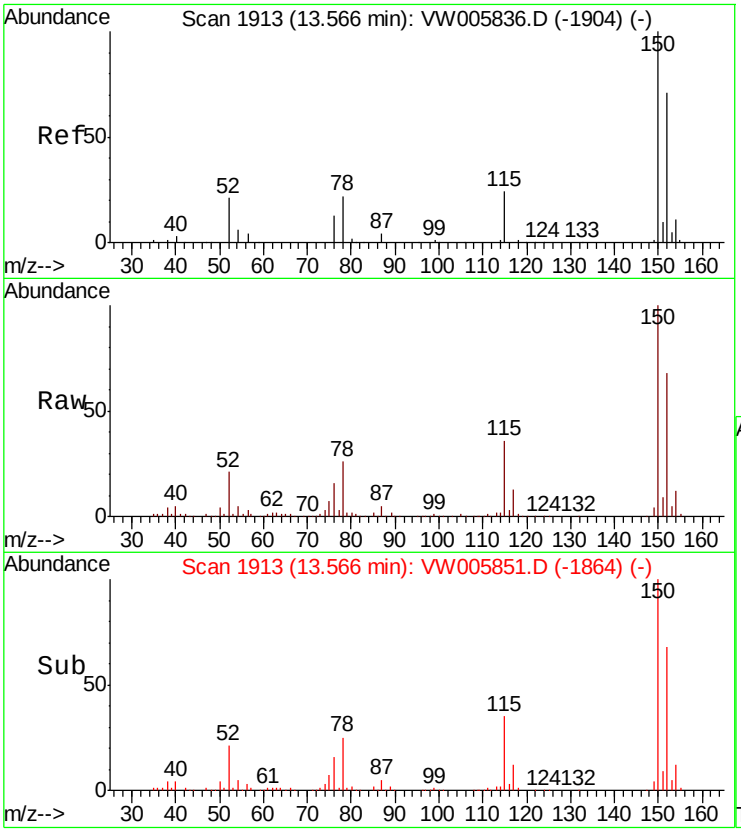


#69
o-Xylene
Concen: 21.734 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Tgt Ion:106 Resp: 4534

Ion	Ratio	Lower	Upper
106	100		
91	219.8	109.7	329.1



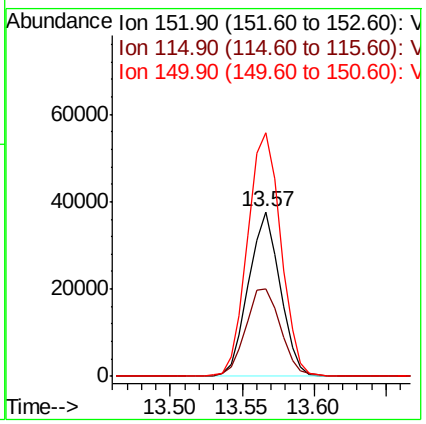


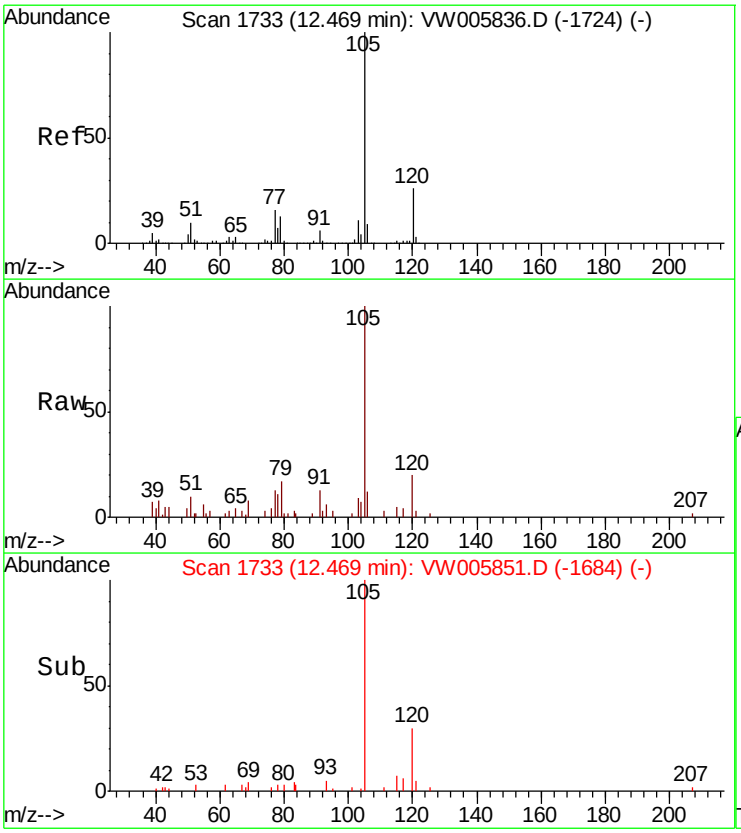
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Instrument : MSVOA_W
ClientSampleId : CL-01-100218-BRE

Tgt Ion:152 Resp: 57278

Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.8	89.4
150	155.0	0.0	349.4

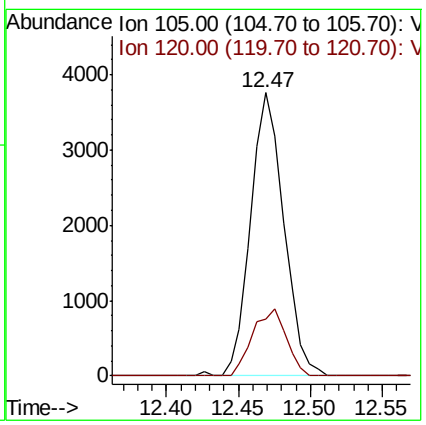


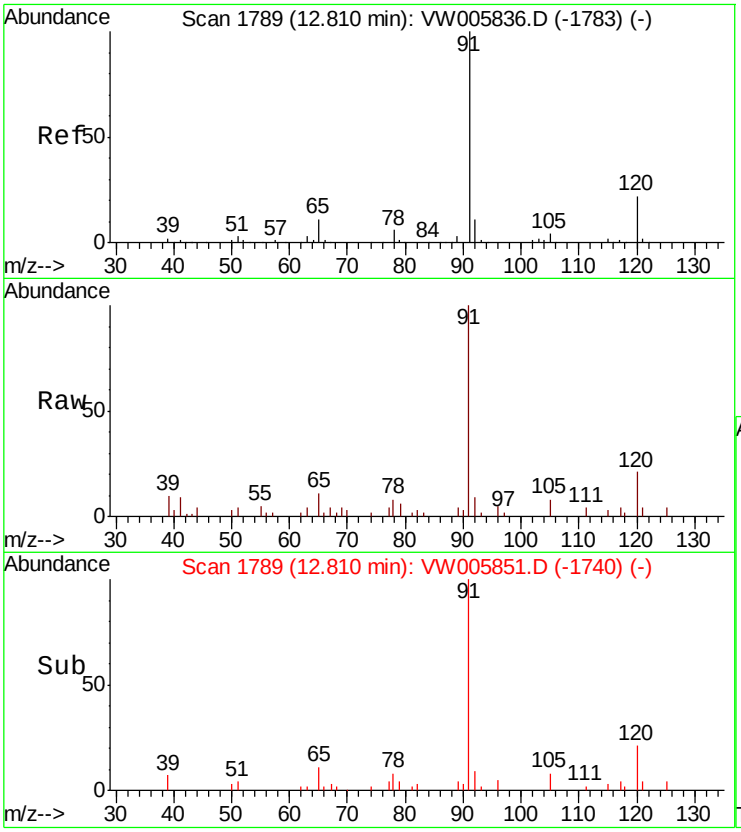


#73
Isopropylbenzene
Concen: 1.521 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Tgt Ion:105 Resp: 5995

Ion	Ratio	Lower	Upper
105	100		
120	23.9	12.9	38.7



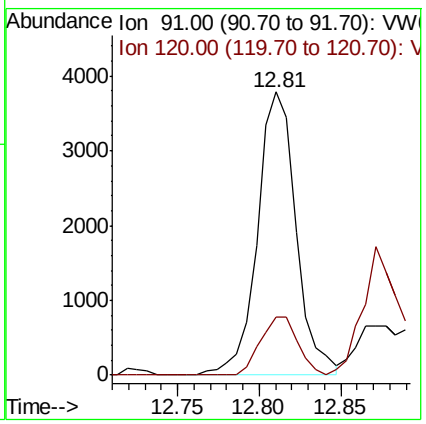


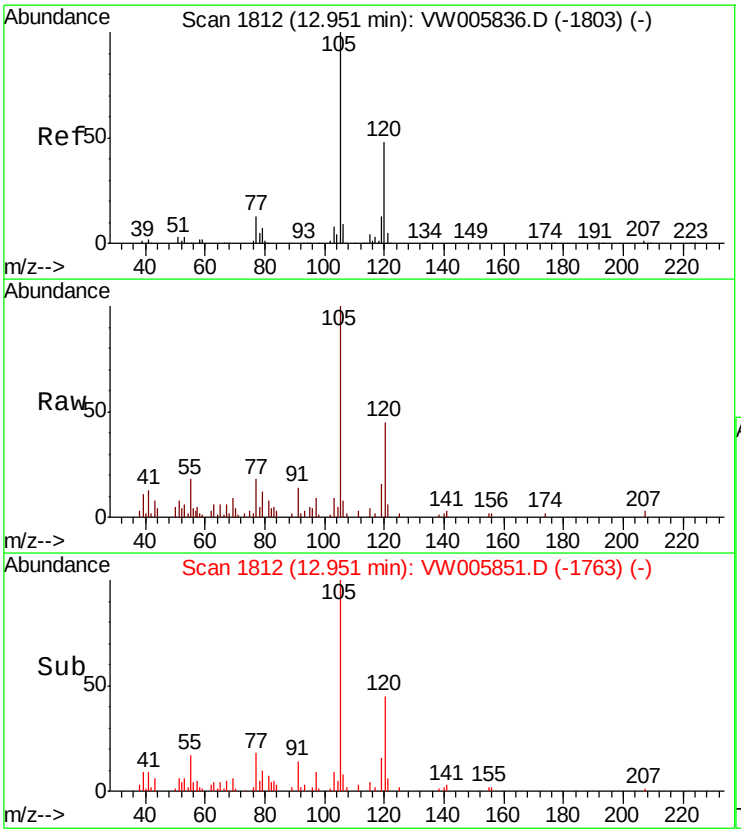
#78
n-propylbenzene
Concen: 1.329 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Instrument :
MSVOA_W
ClientSampleId :
CL-01-100218-BRE

Tgt Ion: 91 Resp: 6232

Ion	Ratio	Lower	Upper
91	100		
120	19.9	11.3	33.9

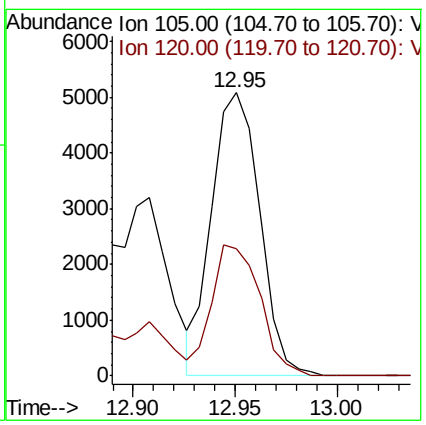


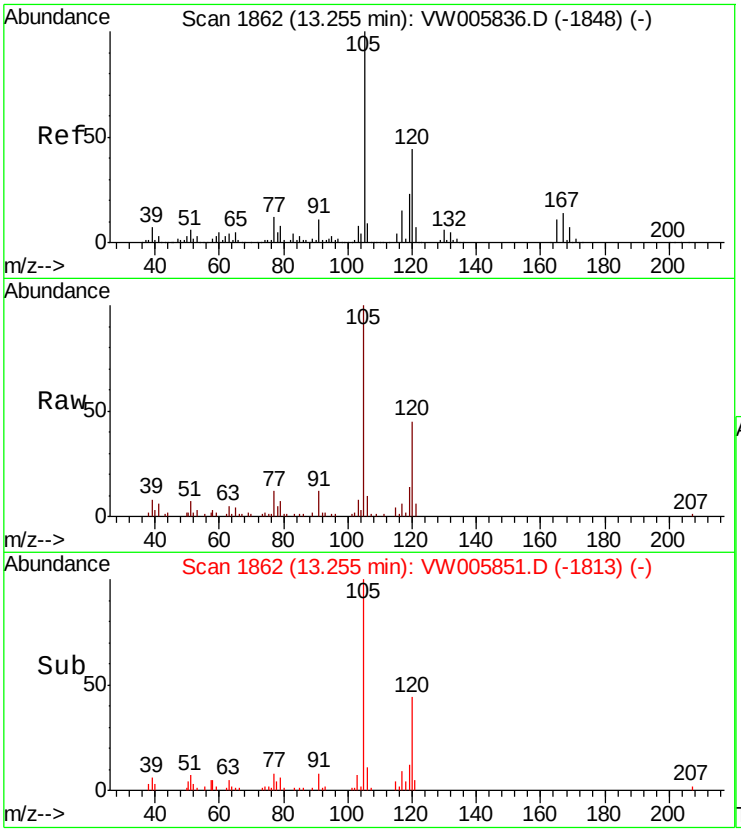


#80
1,3,5-Trimethylbenzene
Concen: 2.428 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Tgt Ion:105 Resp: 8310

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.8	71.2



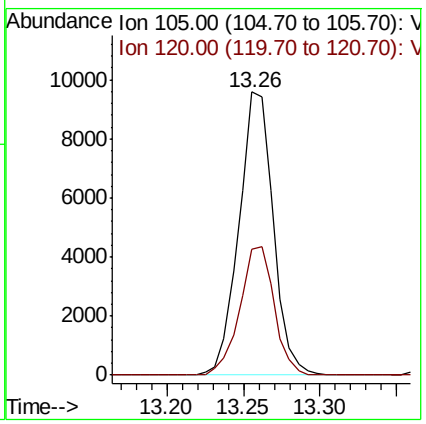


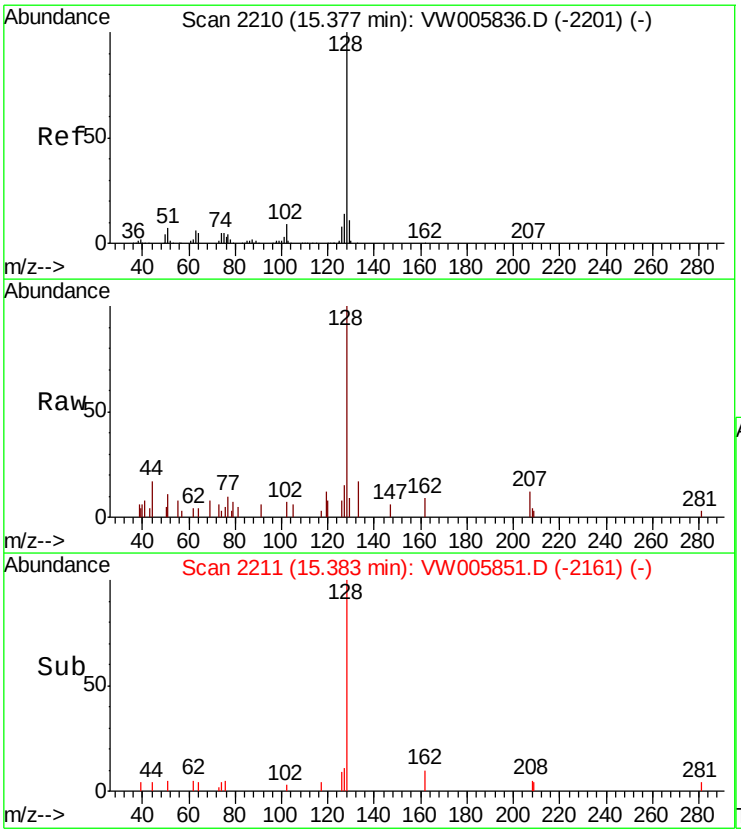
#84
1,2,4-Trimethylbenzene
Concen: 4.235 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Instrument :
MSVOA_W
ClientSampleId :
CL-01-100218-BRE

Tgt Ion:105 Resp: 14881

Ion	Ratio	Lower	Upper
105	100		
120	45.5	21.9	65.7





#95
Naphthalene
Concen: 3.361 ug/l
RT: 15.38 min Scan# 2211
Delta R.T. 0.01 min
Lab File: VW005851.D
Acq: 04 Oct 2018 11:50

Tgt Ion:128 Resp: 3063

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.9	16.3
129	14.1	8.9	13.3#