Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100418\
Data File : VW005850.D
Acq On : 04 Oct 2018 11:24
Operator : SY/AP
Sample : J5198-01RE
Misc : 6.07G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Oct 04 13:44:47 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	115651	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.85	114	163757	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	91885	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	47502	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	56282	40.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 80.22%				
35) Dibromofluoromethane	7.89	113	46818	43.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.24%				
50) Toluene-d8	10.33	98	47146	11.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 22.12%				
62) 4-Bromofluorobenzene	12.62	95	43756	27.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 55.56%				
Target Compounds							Qvalue
16) Acetone	4.14	43	11090	47.363	ug/l		92
25) 2-Butanone	7.19	43	1237	3.756	ug/l	#	89
39) Methylcyclohexane	9.35	83	3753	2.048	ug/l		96
52) Toluene	10.39	92	3503	1.165	ug/l		100
67) Ethyl Benzene	11.74	91	7071	2.055	ug/l		100
68) m/p-Xylenes	11.84	106	3768	2.842	ug/l		88
69) o-Xylene	12.18	106	3652	2.964	ug/l		92
73) Isopropylbenzene	12.48	105	6861	2.099	ug/l		93
78) n-propylbenzene	12.81	91	5019	1.291	ug/l		97
80) 1,3,5-Trimethylbenzene	12.95	105	6406	2.257	ug/l		97
84) 1,2,4-Trimethylbenzene	13.26	105	9645	3.310	ug/l		93
85) sec-Butylbenzene	13.39	105	3441	1.007	ug/l	#	71
95) Naphthalene	15.38	128	2248	3.217	ug/l	#	83

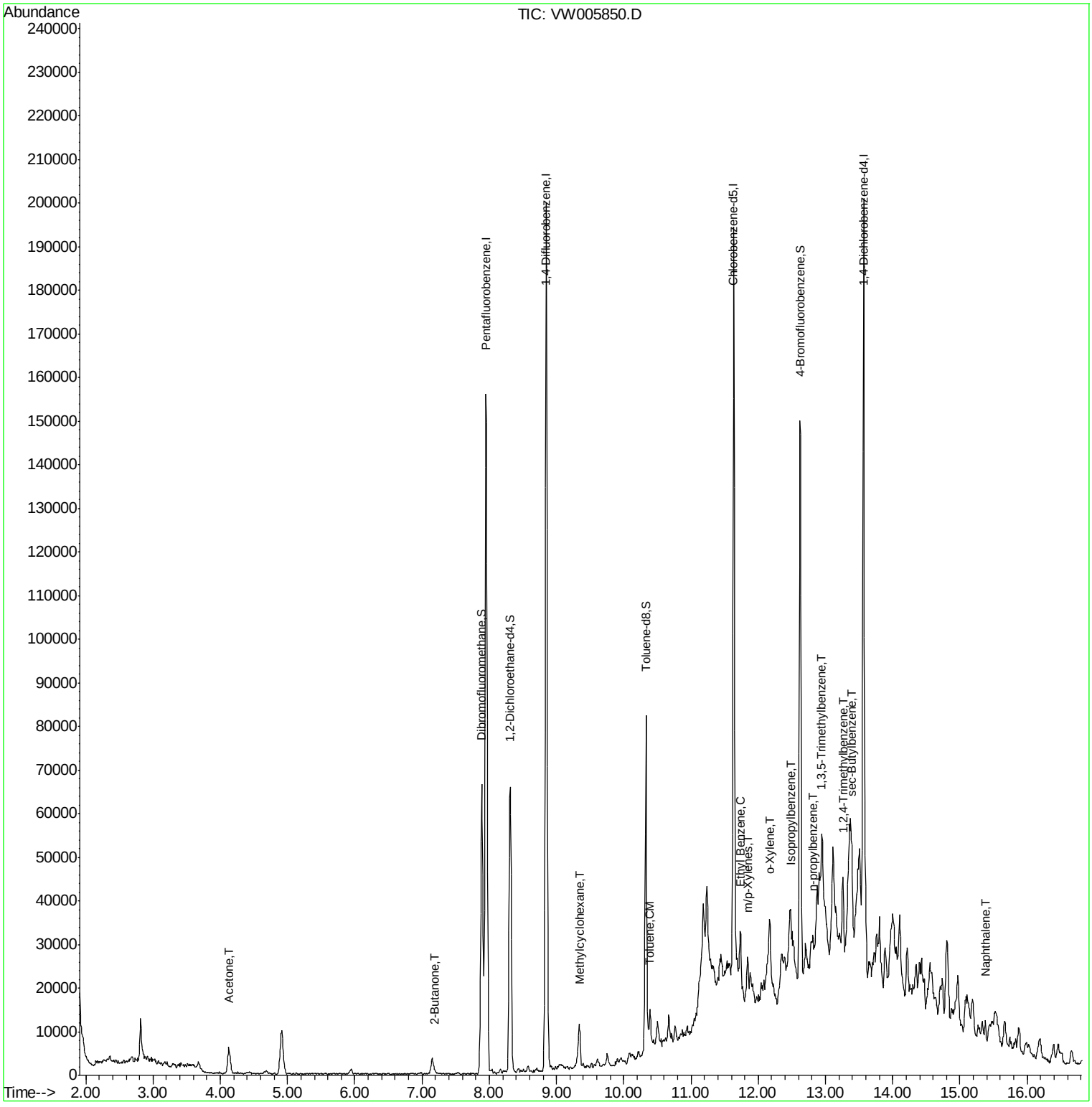
(#) = qualifier out of range (m) = manual integration (+) = signals summed

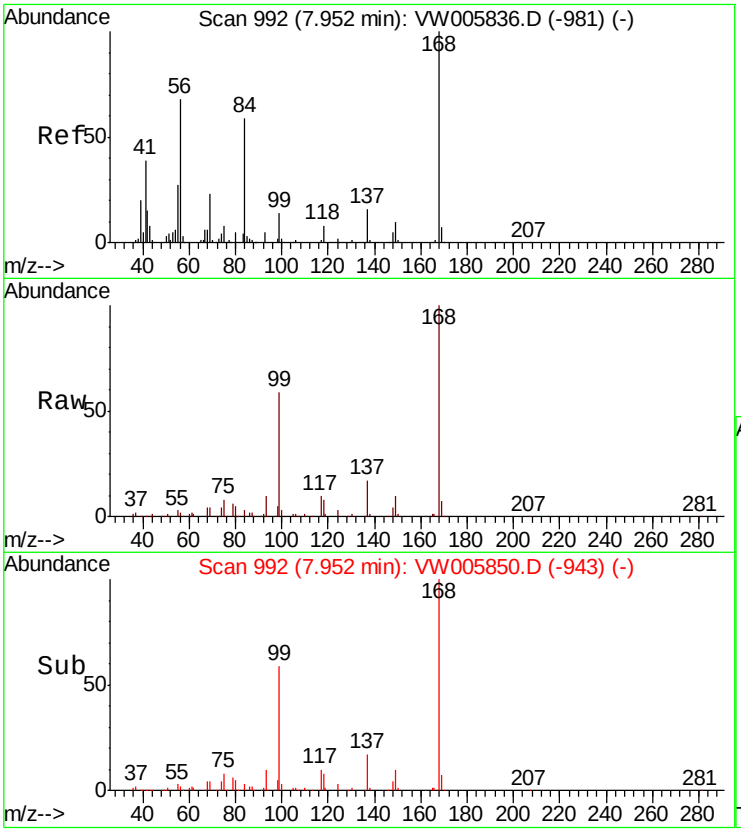
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
Data File : VW005850.D
Acq On : 04 Oct 2018 11:24
Operator : SY/AP
Sample : J5198-01RE
Misc : 6.07G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Oct 04 13:44:47 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



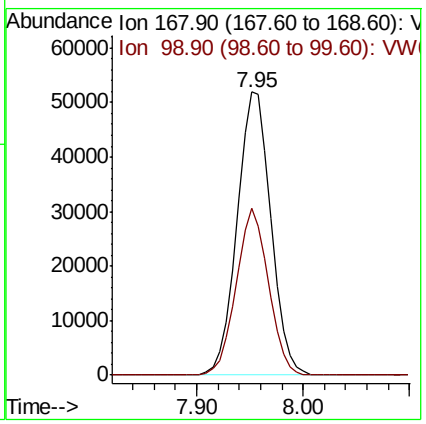


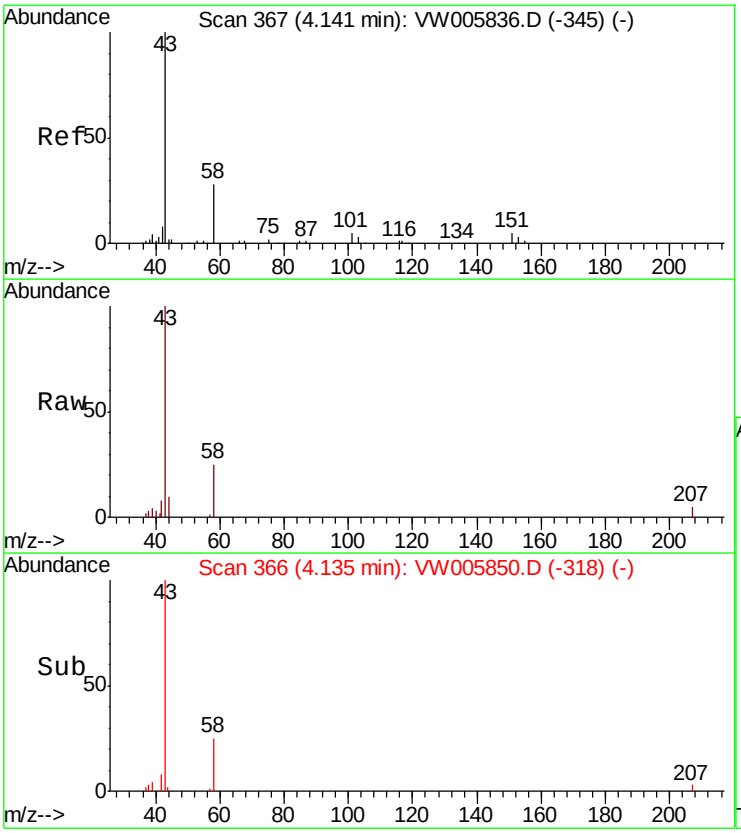
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

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

Tgt Ion:168 Resp: 115651

Ion	Ratio	Lower	Upper
168	100		
99	58.8	45.4	68.2

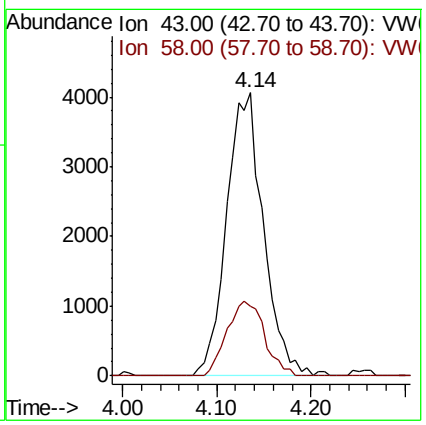


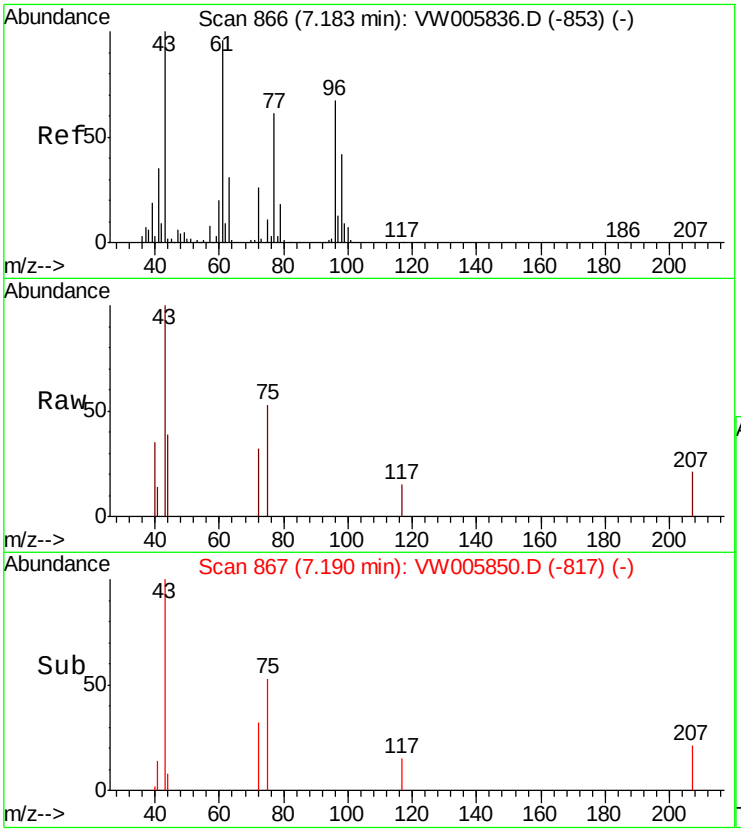


#16
Acetone
Concen: 47.363 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

Tgt Ion: 43 Resp: 11090

Ion	Ratio	Lower	Upper
43	100		
58	24.5	23.0	34.4



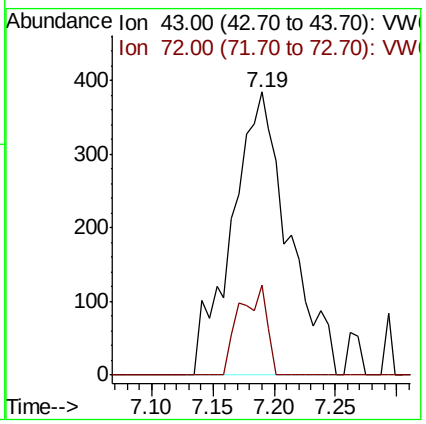


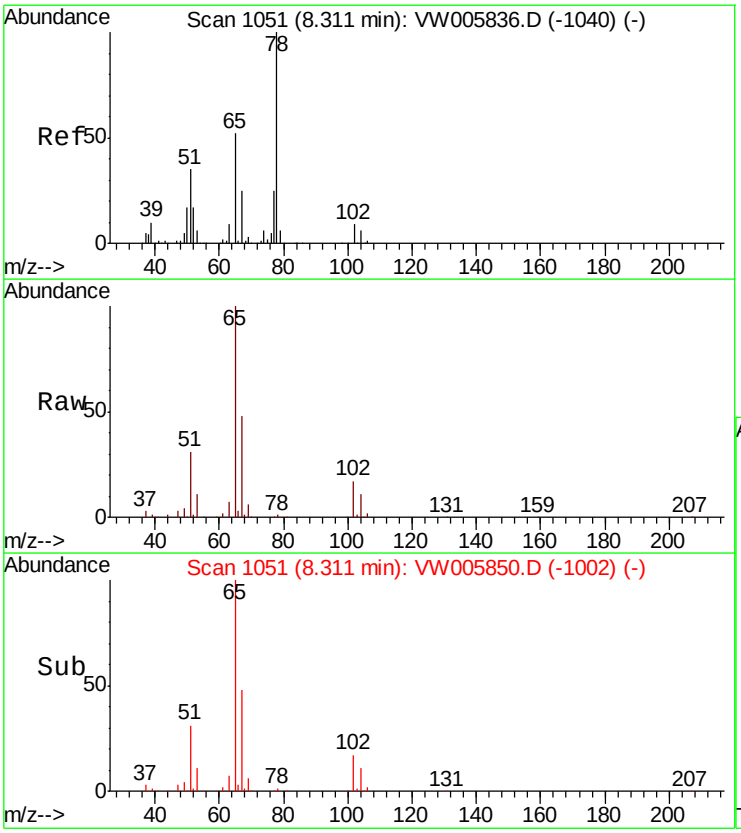
#25
2-Butanone
Concen: 3.756 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

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

Tgt Ion: 43 Resp: 1237

Ion	Ratio	Lower	Upper
43	100		
72	31.8	20.9	31.3#

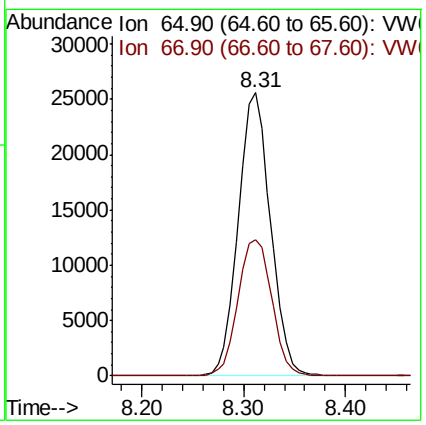


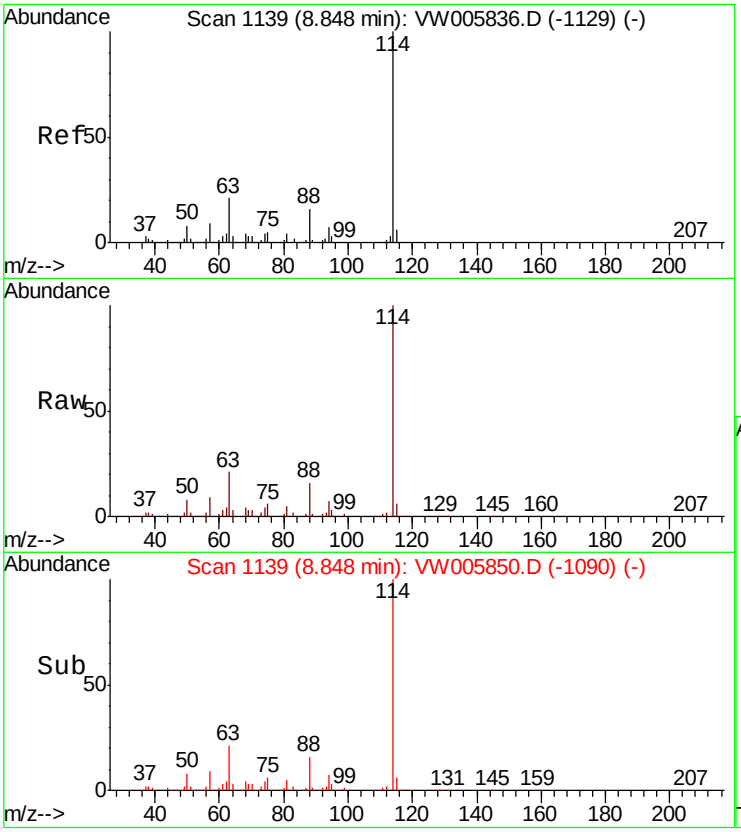


#33
1,2-Dichloroethane-d4
Concen: 40.115 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

Tgt Ion: 65 Resp: 56282

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	98.0



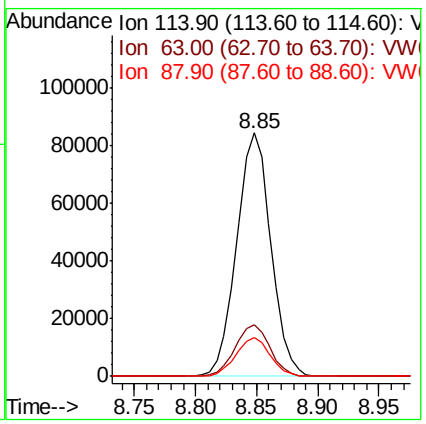


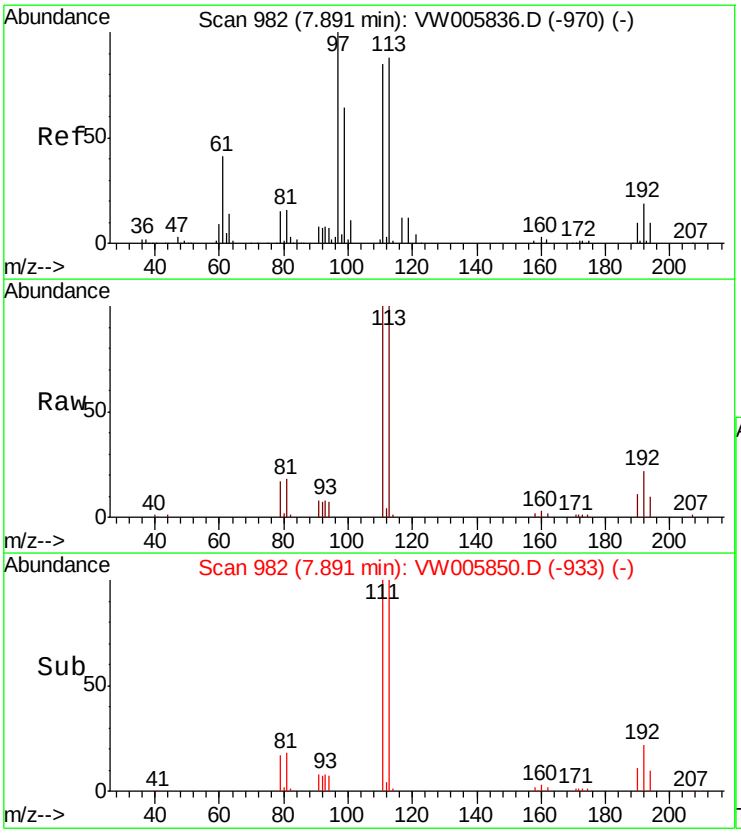
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

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

Tgt Ion:114 Resp: 163757

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.0
88	16.1	0.0	31.2

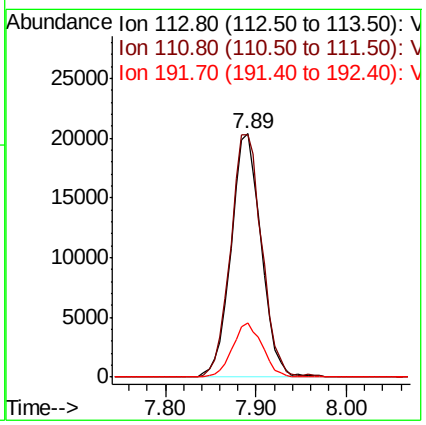


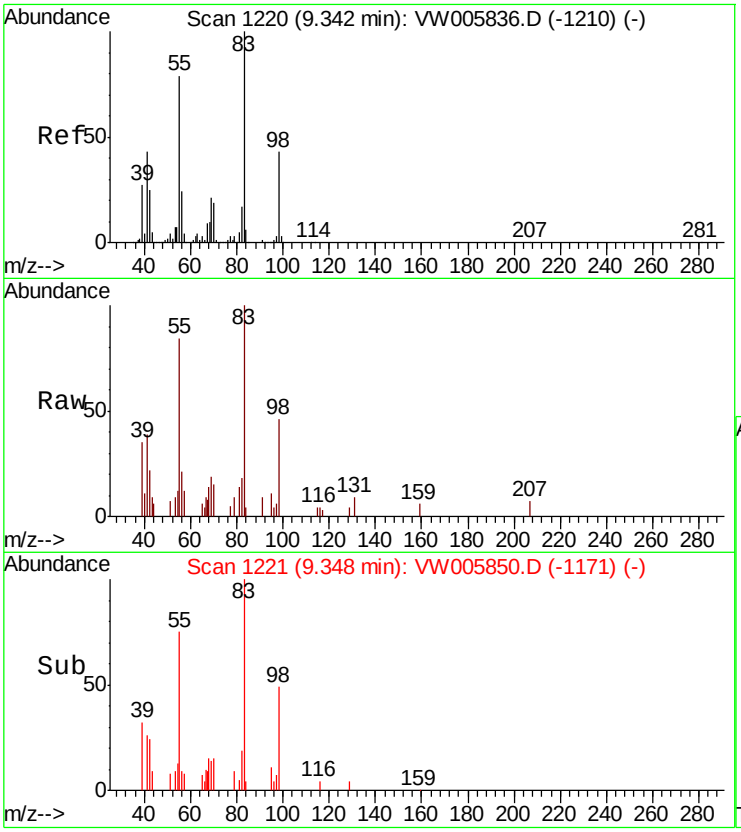


#35
Dibromofluoromethane
Concen: 43.619 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

Tgt Ion:113 Resp: 46818

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.2
192	21.9	17.3	25.9



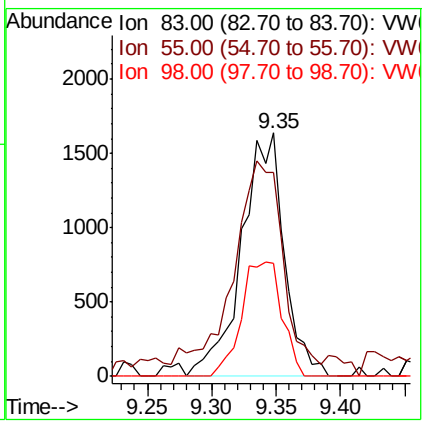


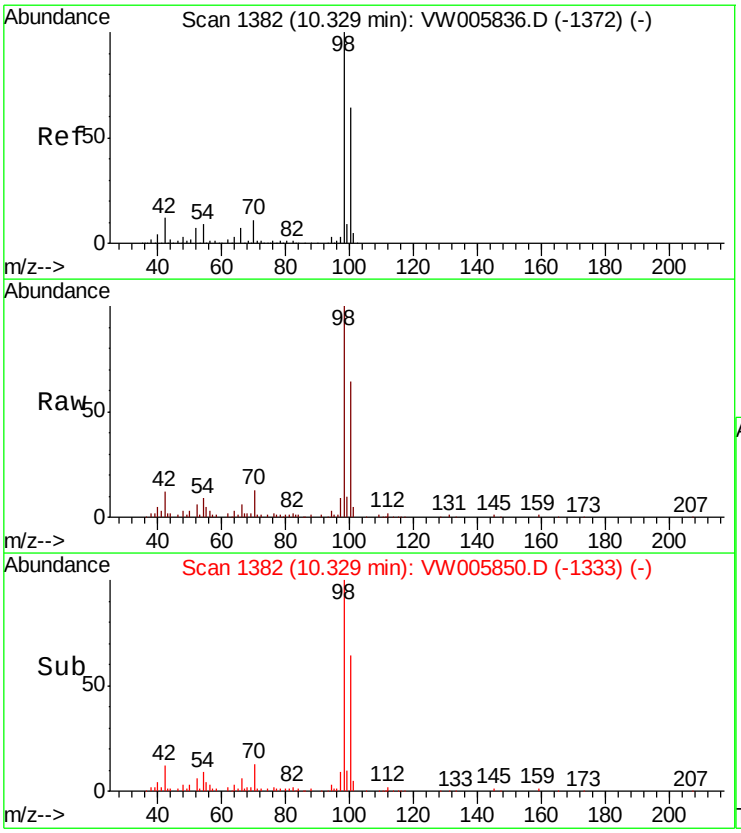
#39
Methylcyclohexane
Concen: 2.048 ug/l
RT: 9.35 min Scan# 1221
Delta R.T. 0.01 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

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

Tgt Ion: 83 Resp: 3753

Ion	Ratio	Lower	Upper
83	100		
55	75.8	63.0	94.4
98	46.3	34.5	51.7

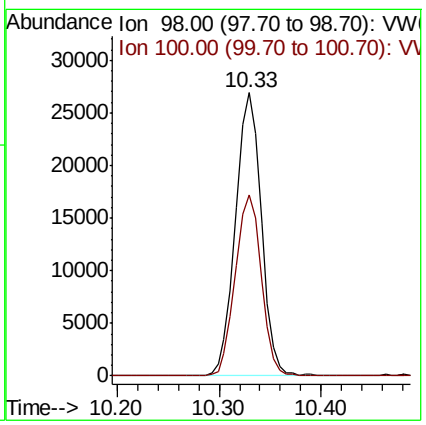


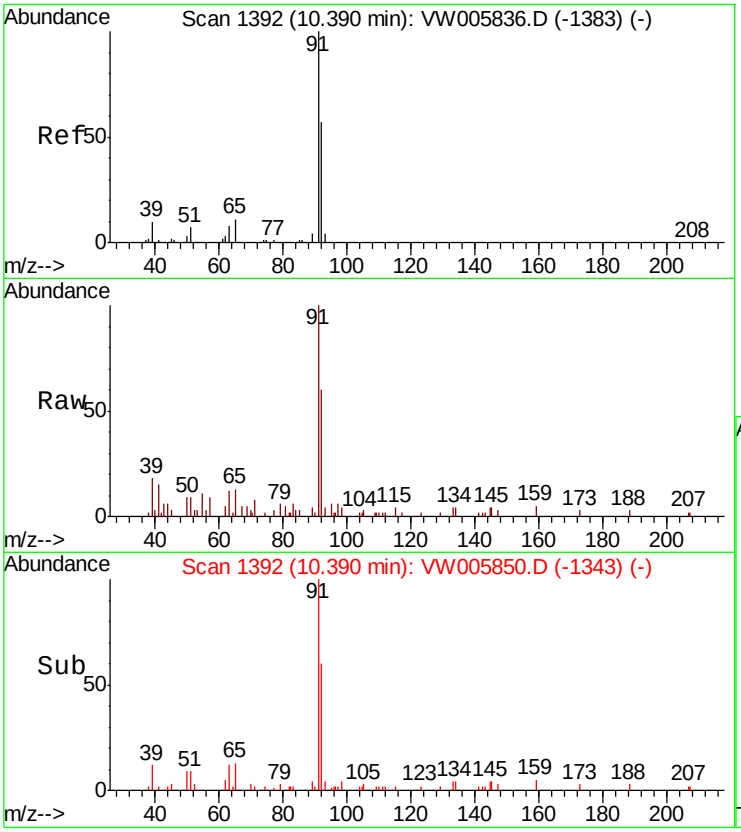


#50
Toluene-d8
Concen: 11.062 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

Tgt Ion: 98 Resp: 47146

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.7	77.5



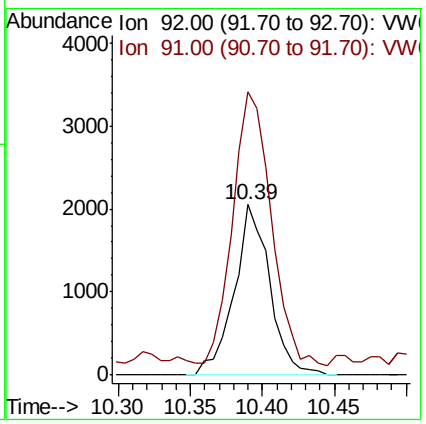


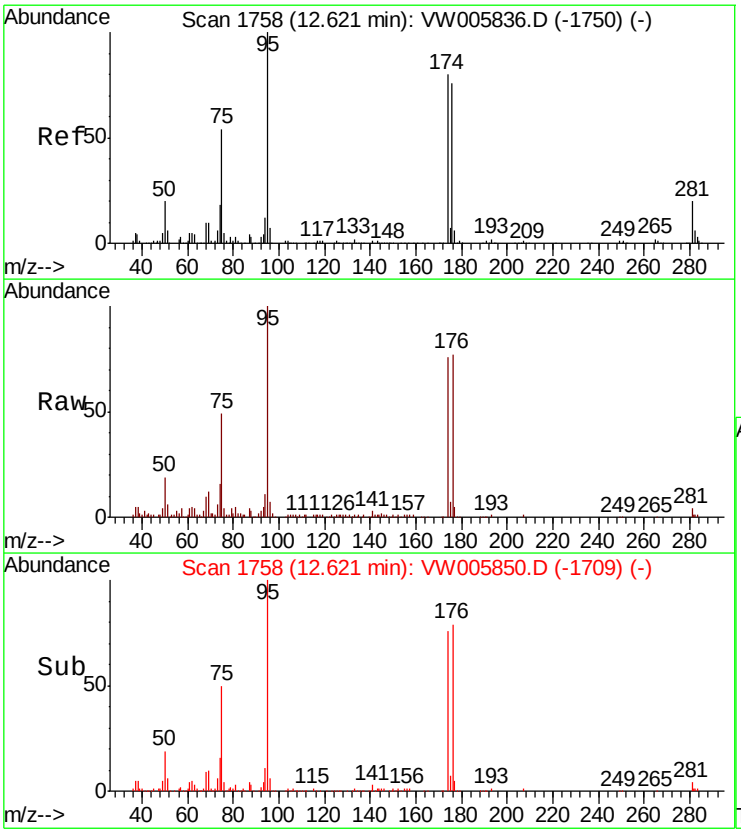
#52
Toluene
Concen: 1.165 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

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

Tgt Ion: 92 Resp: 3503

Ion	Ratio	Lower	Upper
92	100		
91	174.1	139.0	208.4

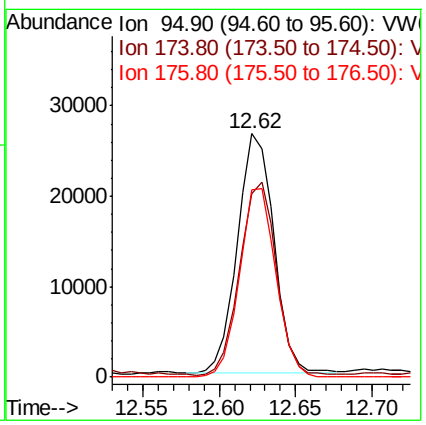


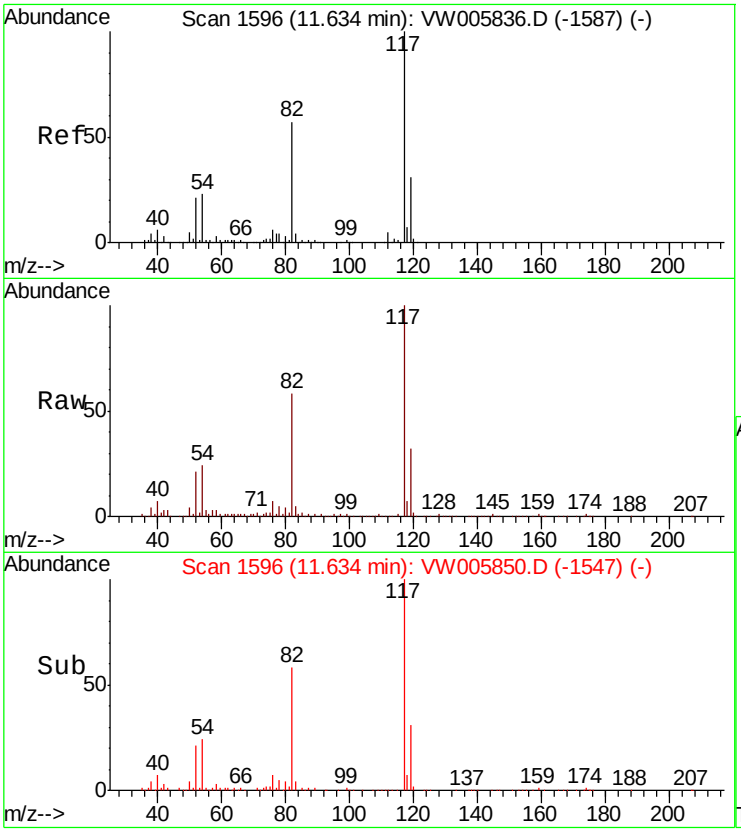


#62
4-Bromofluorobenzene
Concen: 27.781 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

Tgt Ion: 95 Resp: 43756

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	169.0
176	79.1	0.0	164.2



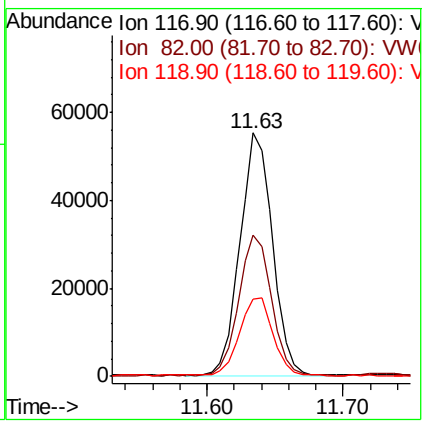


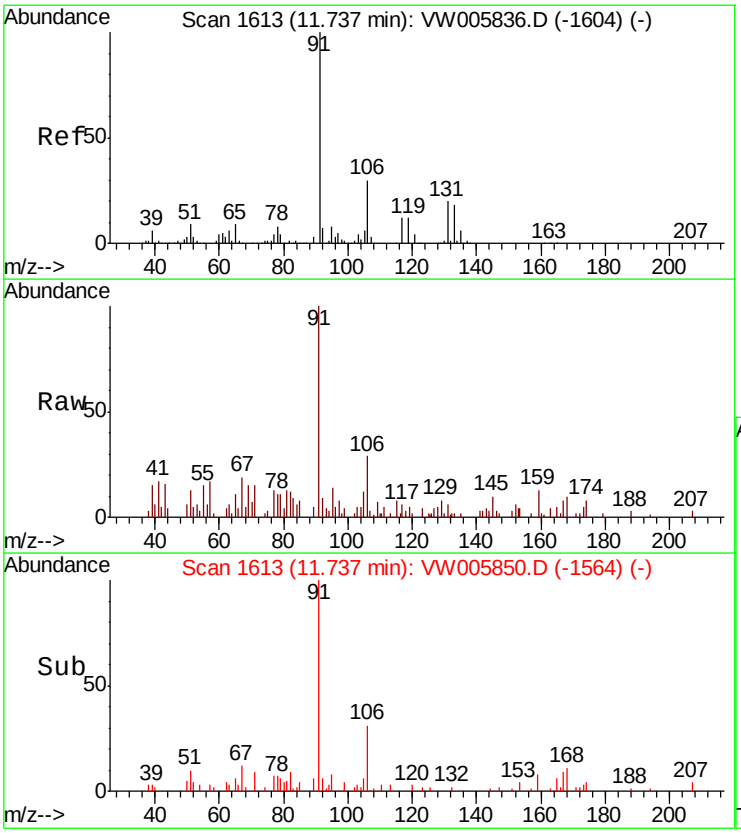
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

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

Tgt Ion:117 Resp: 91885

Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.6	68.4
119	31.4	25.0	37.6

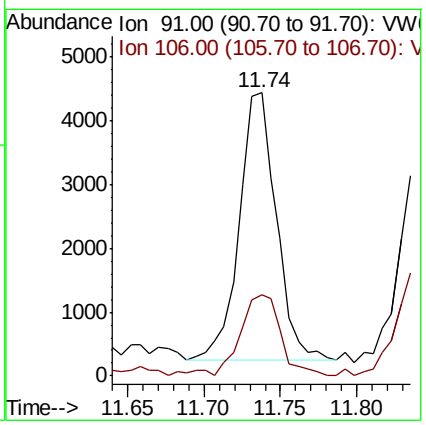


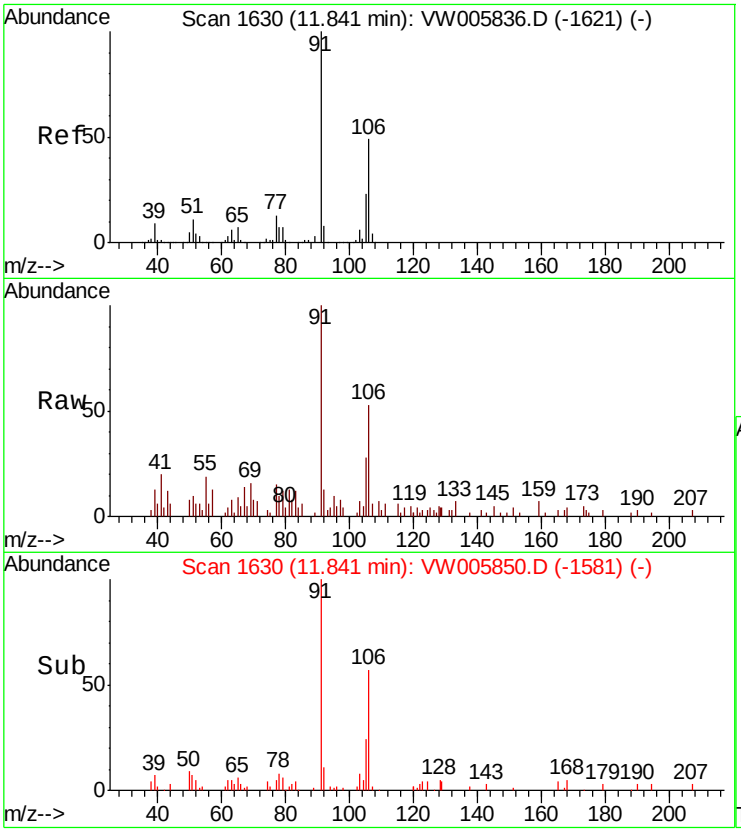


#67
Ethyl Benzene
Concen: 2.055 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

Tgt Ion: 91 Resp: 7071

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5



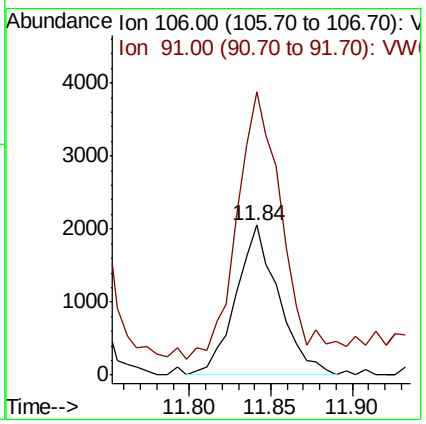


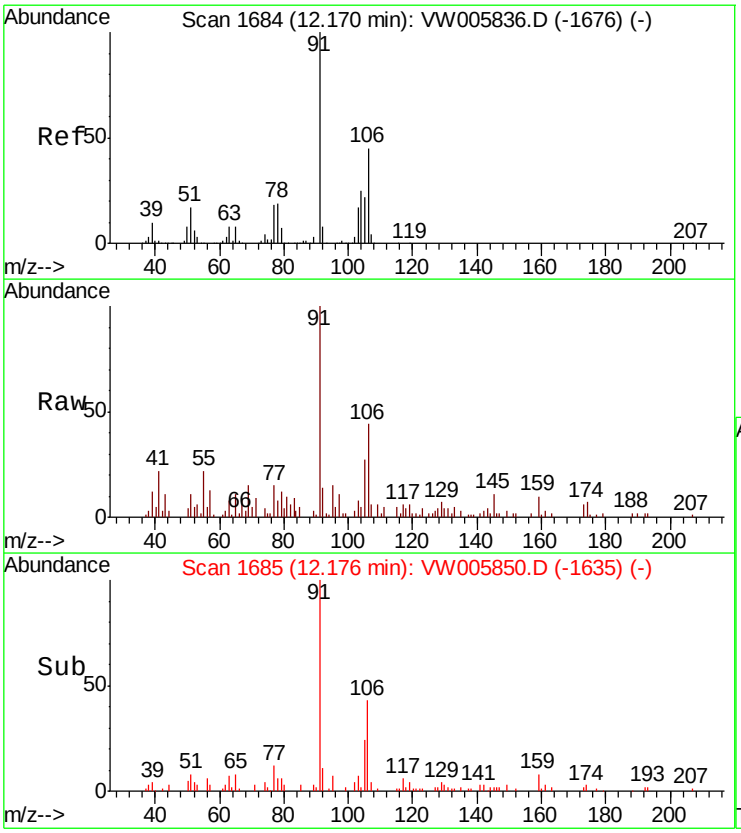
#68
m/p-Xylenes
Concen: 2.842 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

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

Tgt Ion:106 Resp: 3768

Ion	Ratio	Lower	Upper
106	100		
91	188.2	165.4	248.0

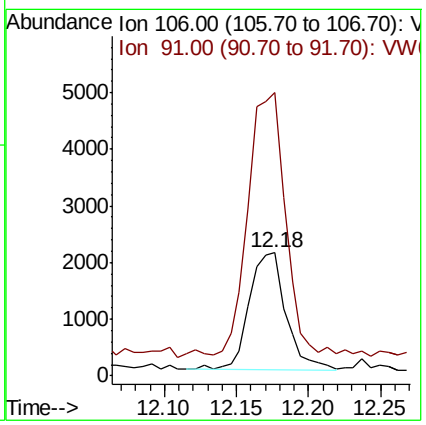


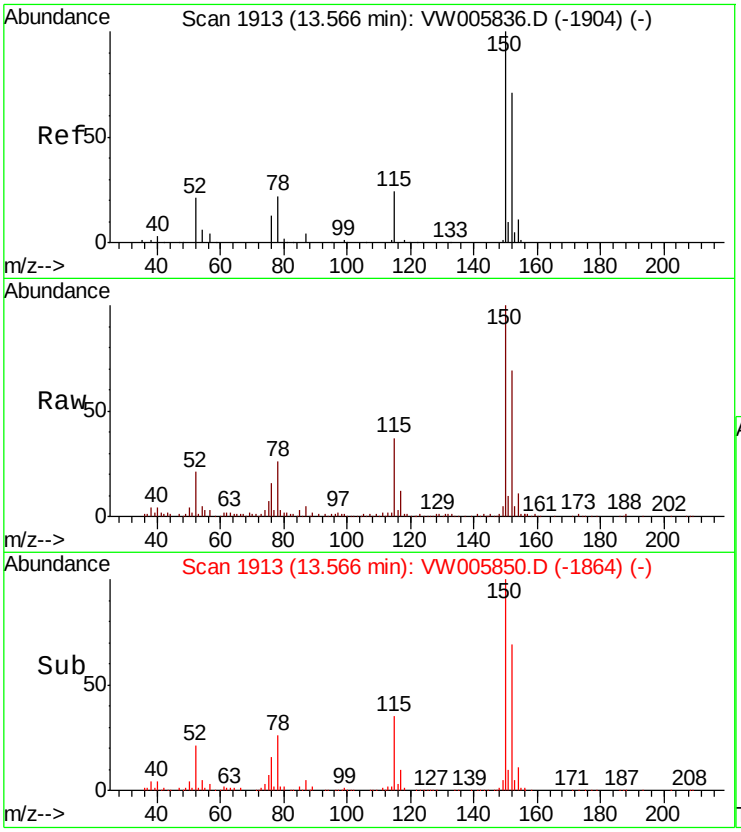


#69
o-Xylene
Concen: 2.964 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

Tgt Ion:106 Resp: 3652

Ion	Ratio	Lower	Upper
106	100		
91	232.9	109.7	329.1



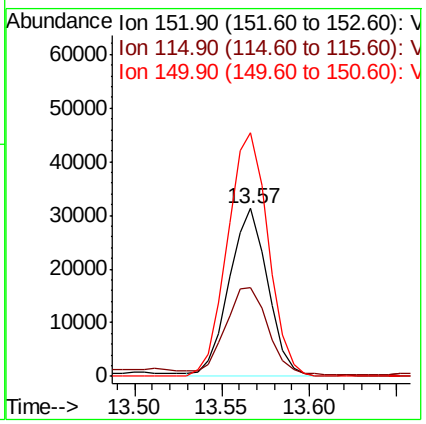


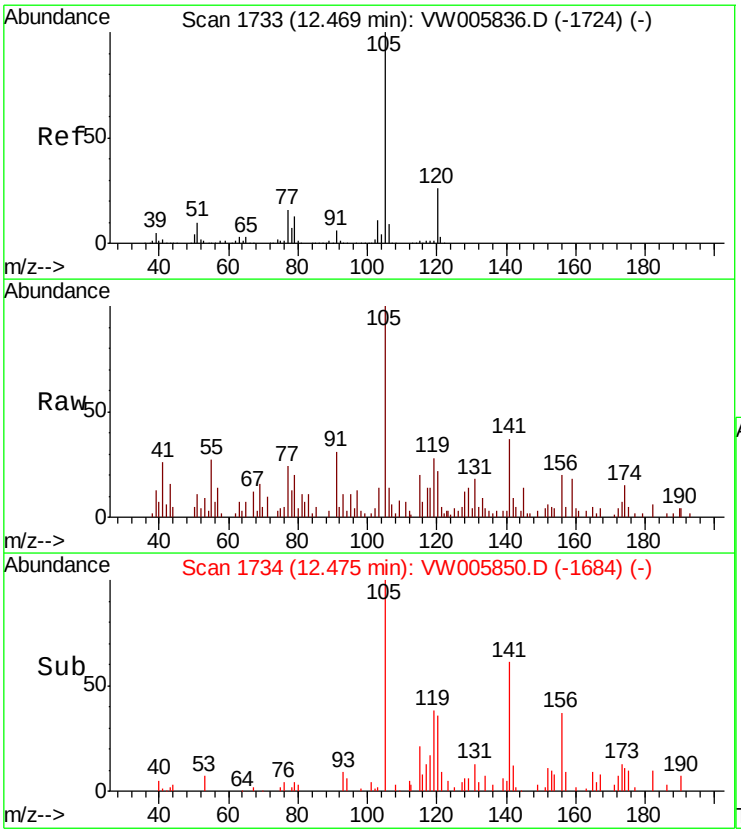
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

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

Tgt Ion:152 Resp: 47502

Ion	Ratio	Lower	Upper
152	100		
115	57.6	29.8	89.4
150	154.9	0.0	349.4

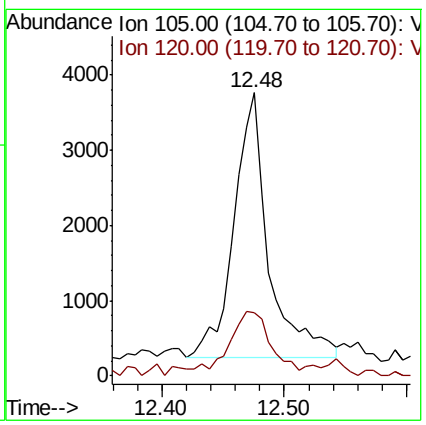


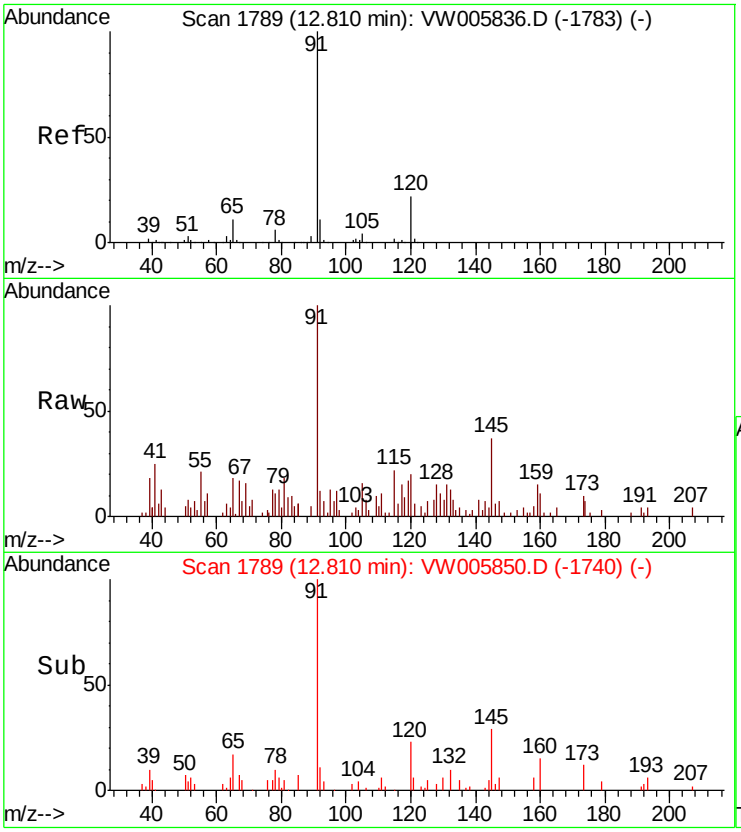


#73
Isopropylbenzene
Concen: 2.099 ug/l
RT: 12.48 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

Tgt Ion:105 Resp: 6861

Ion	Ratio	Lower	Upper
105	100		
120	29.5	12.9	38.7



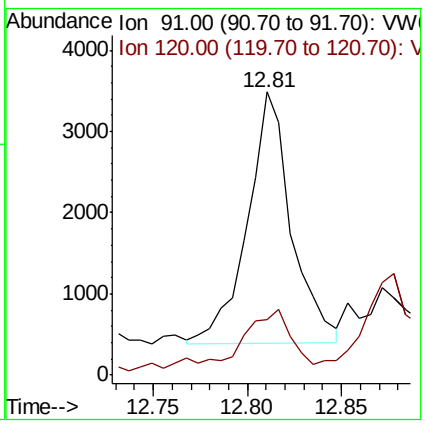


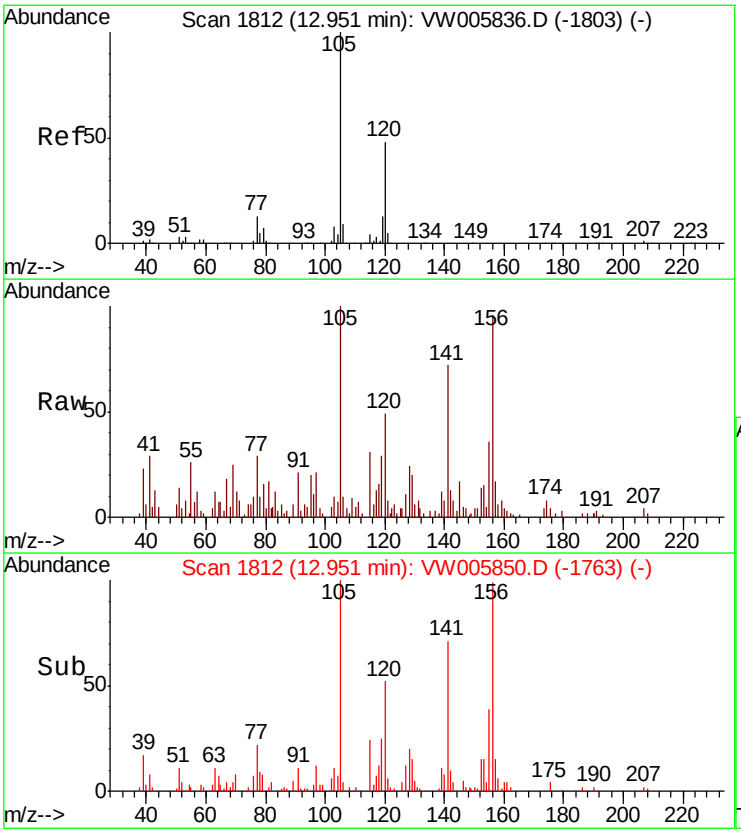
#78
n-propylbenzene
Concen: 1.291 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

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

Tgt Ion: 91 Resp: 5019

Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.3	33.9

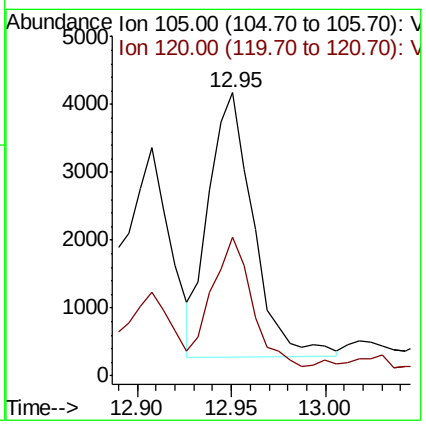


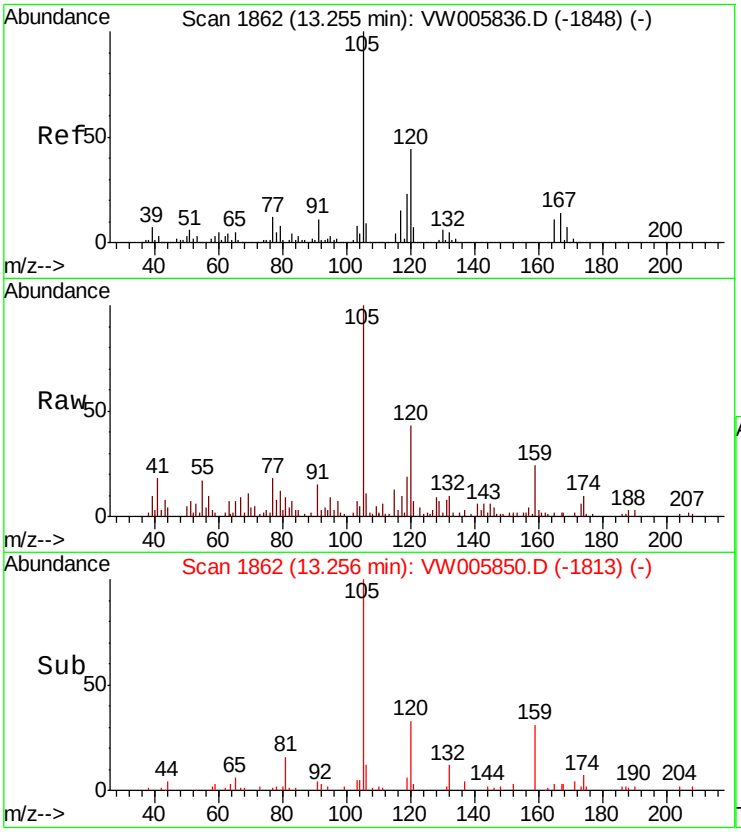


#80
1,3,5-Trimethylbenzene
Concen: 2.257 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

Tgt Ion:105 Resp: 6406

Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.8	71.2



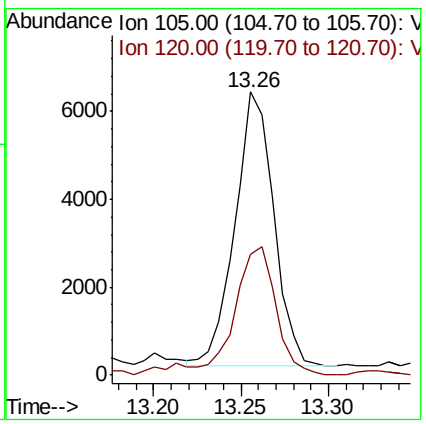


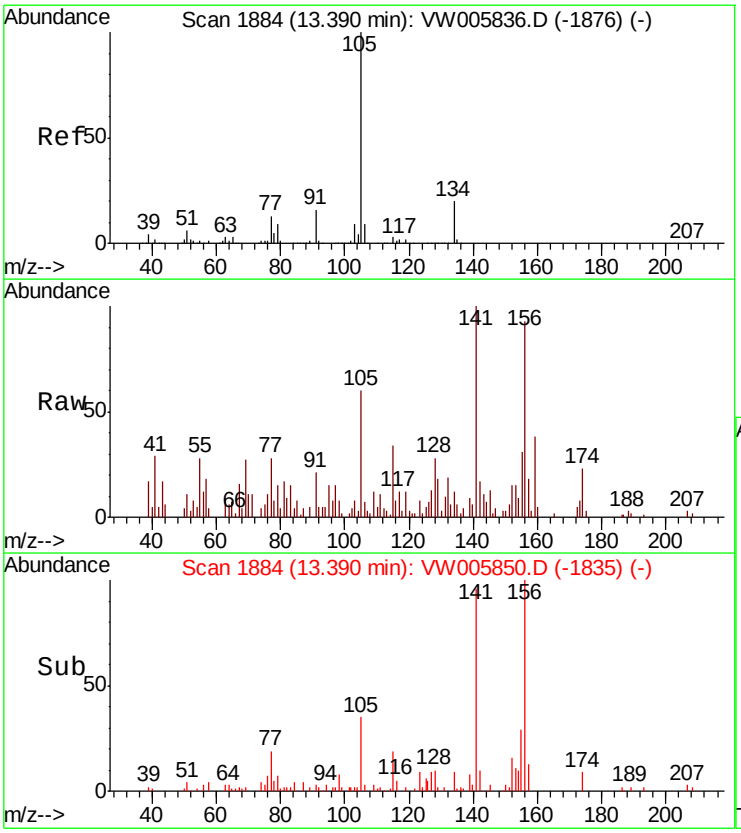
#84
1,2,4-Trimethylbenzene
Concen: 3.310 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

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

Tgt Ion:105 Resp: 9645

Ion	Ratio	Lower	Upper
105	100		
120	48.3	21.9	65.7

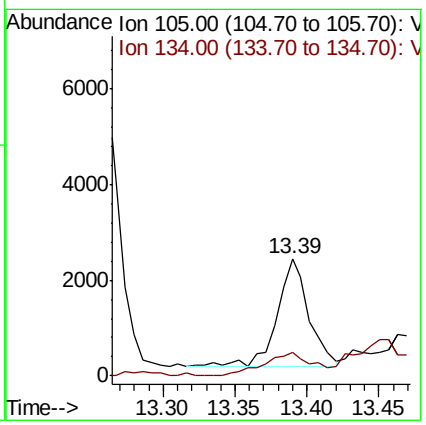


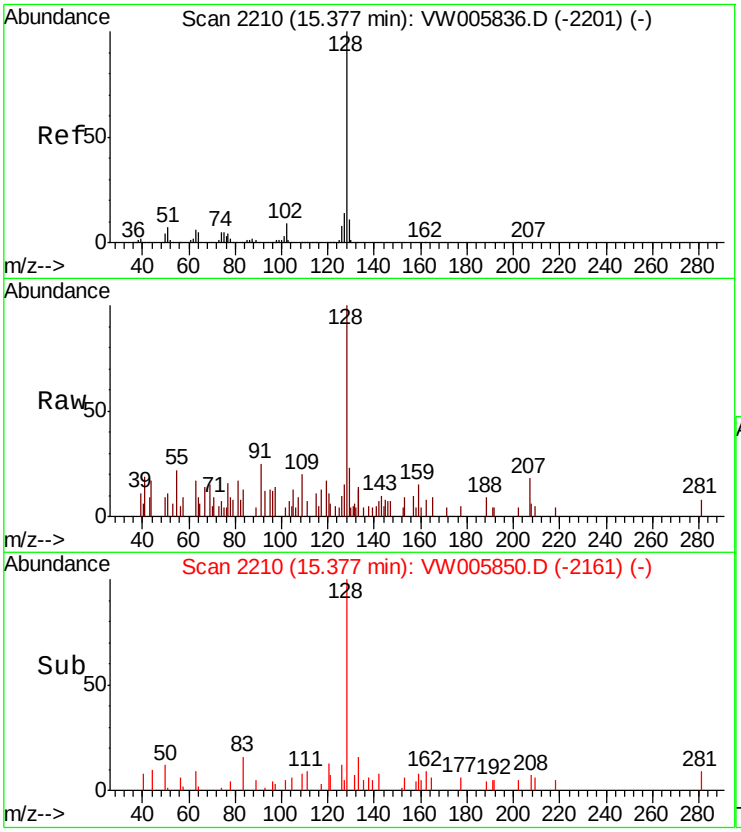


#85
sec-Butylbenzene
Concen: 1.007 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

Tgt Ion:105 Resp: 3441

Ion	Ratio	Lower	Upper
105	100		
134	33.2	10.0	30.0#





#95
Naphthalene
Concen: 3.217 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005850.D
Acq: 04 Oct 2018 11:24

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

Tgt Ion:128 Resp: 2248

Ion	Ratio	Lower	Upper
128	100		
127	22.1	10.9	16.3#
129	15.8	8.9	13.3#