Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030519\
Data File : VW009009.D
Acq On : 05 Mar 2019 20:50
Operator : SY/VA
Sample : K1688-19RE
Misc : 10.05G/5ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-030119-JRE

Quant Time: Mar 06 08:05:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	31500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	45211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	40080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	15820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	17761	60.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.24%			
35) Dibromofluoromethane	7.89	113	14836	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.30%			
50) Toluene-d8	10.33	98	53627	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.36%			
62) 4-Bromofluorobenzene	12.62	95	18001	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.74%			
Target Compounds						Qvalue
16) Acetone	4.13	43	5854	85.484	ug/l #	78
39) Methylcyclohexane	9.34	83	1100	2.004	ug/l #	44
52) Toluene	10.38	92	2561	3.140	ug/l	91
67) Ethyl Benzene	11.73	91	2733	1.814	ug/l	100
68) m/p-Xylenes	11.84	106	2690	4.469	ug/l	97
69) o-Xylene	12.16	106	3222	5.703	ug/l	91
78) n-propylbenzene	12.80	91	4056	3.057	ug/l	92
80) 1,3,5-Trimethylbenzene	12.94	105	8520	9.040	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	18097	18.549	ug/l	95

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

Quantitation Report (QT Reviewed)

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Data File : VW009009.D
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Sample : K1688-19RE
Misc : 10.05G/5ML/MSVOA_W/SOIL
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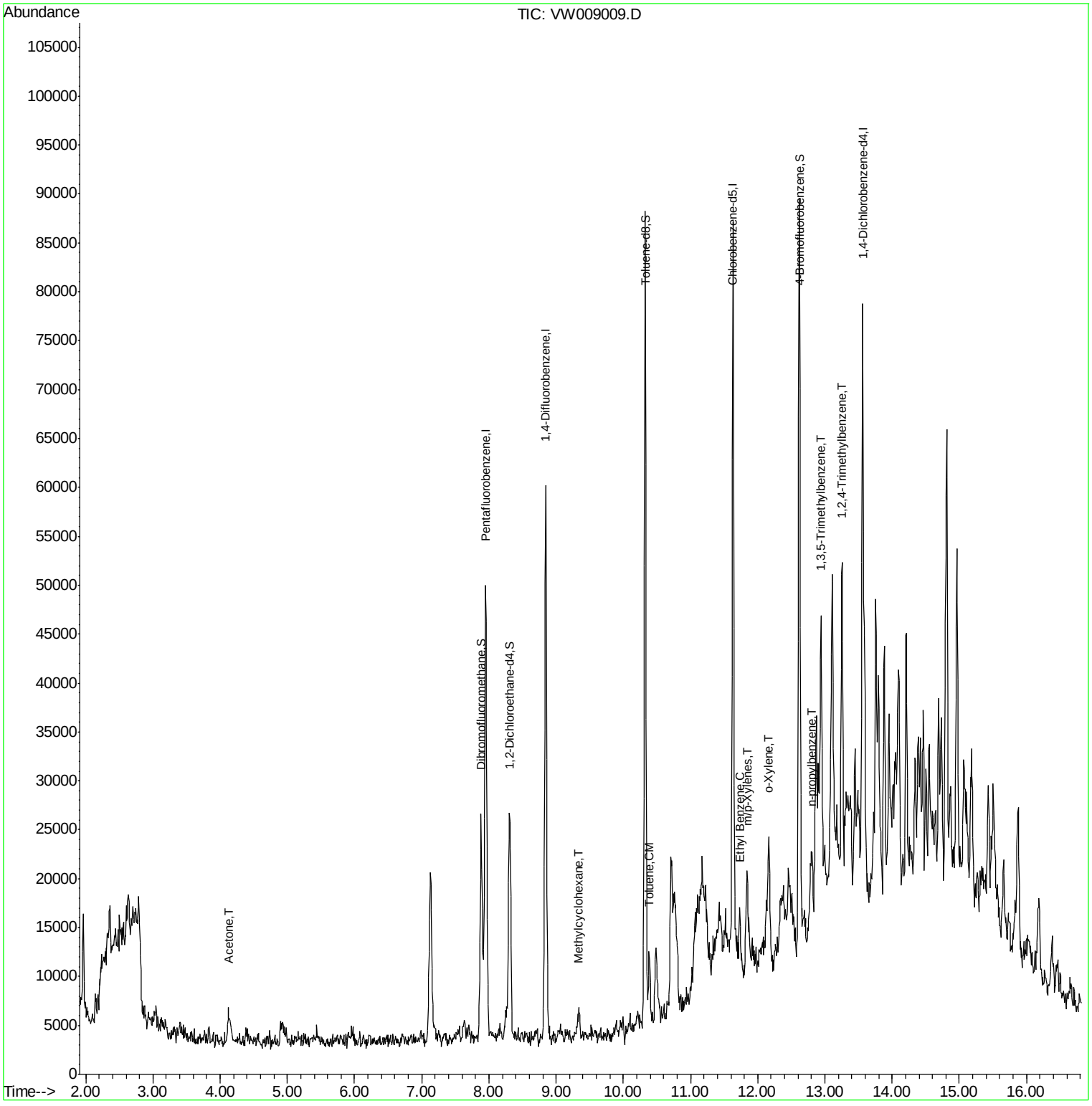
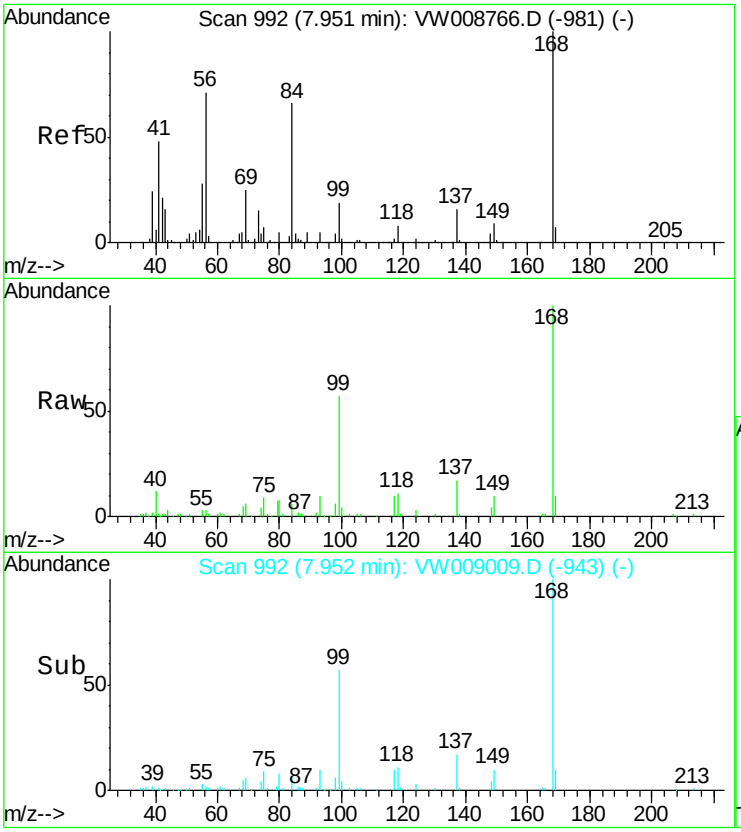
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration



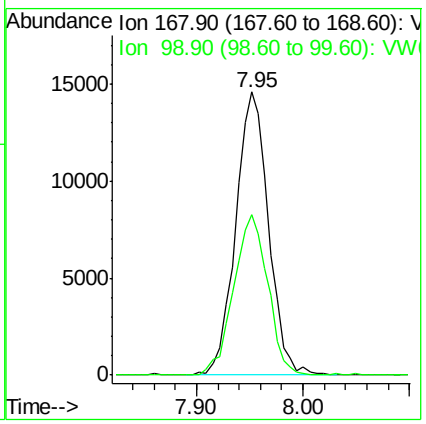


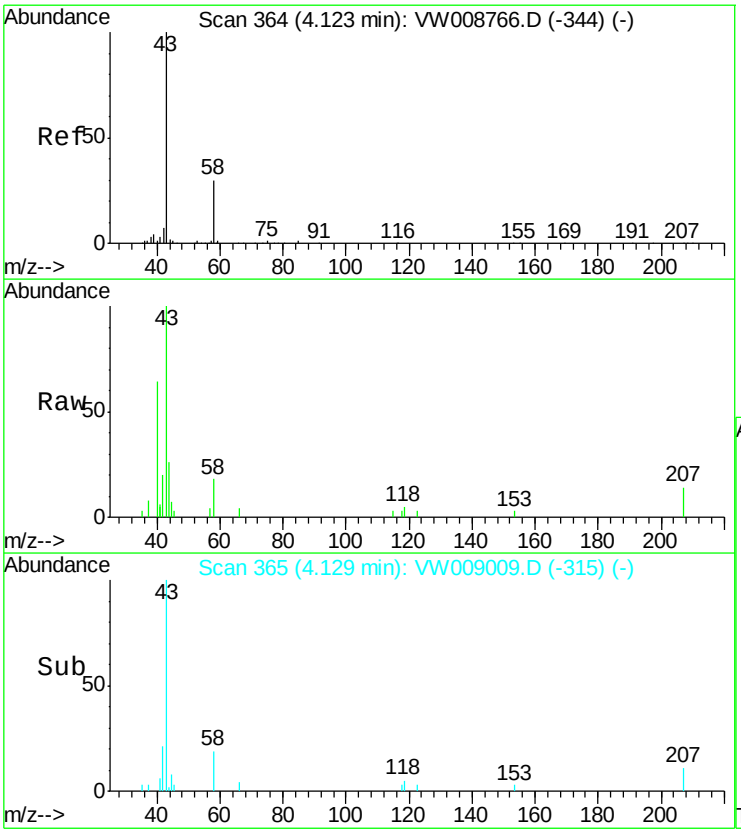
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-JRE

Tgt Ion:168 Resp: 31500

Ion	Ratio	Lower	Upper
168	100		
99	56.8	42.2	63.2

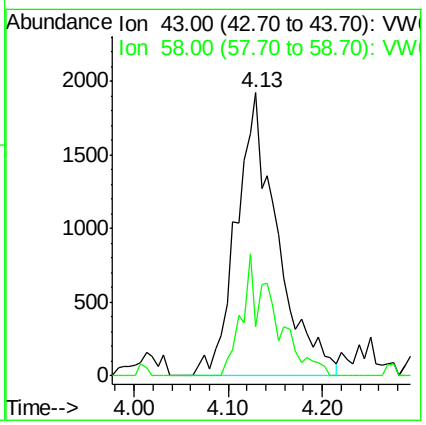


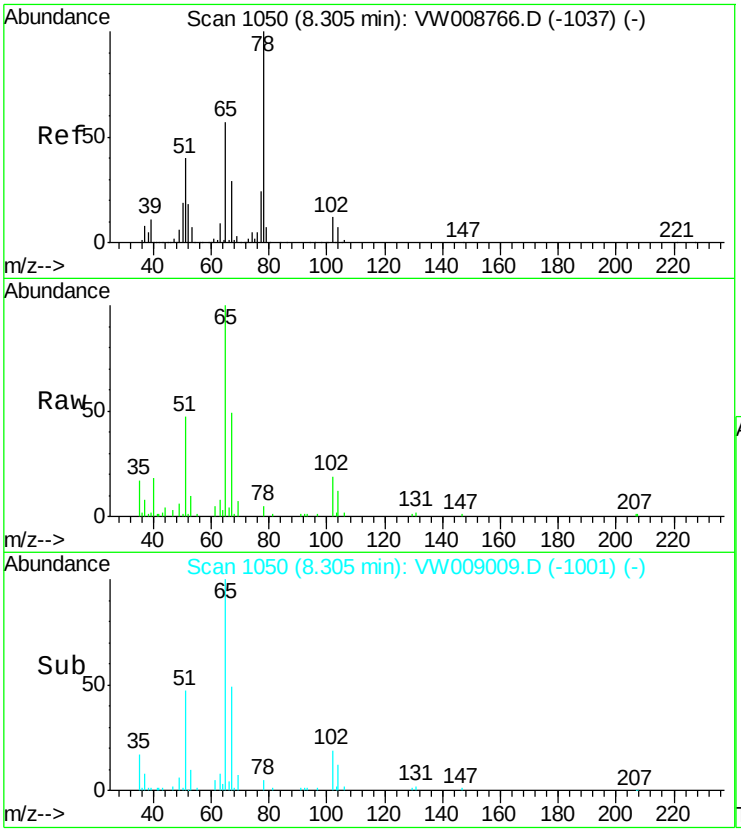


#16
Acetone
Concen: 85.484 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Tgt Ion: 43 Resp: 5854

Ion	Ratio	Lower	Upper
43	100		
58	17.6	23.8	35.6#



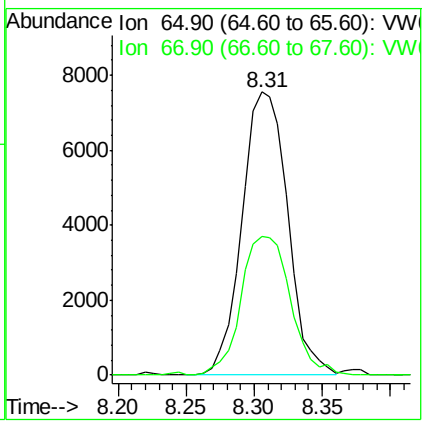


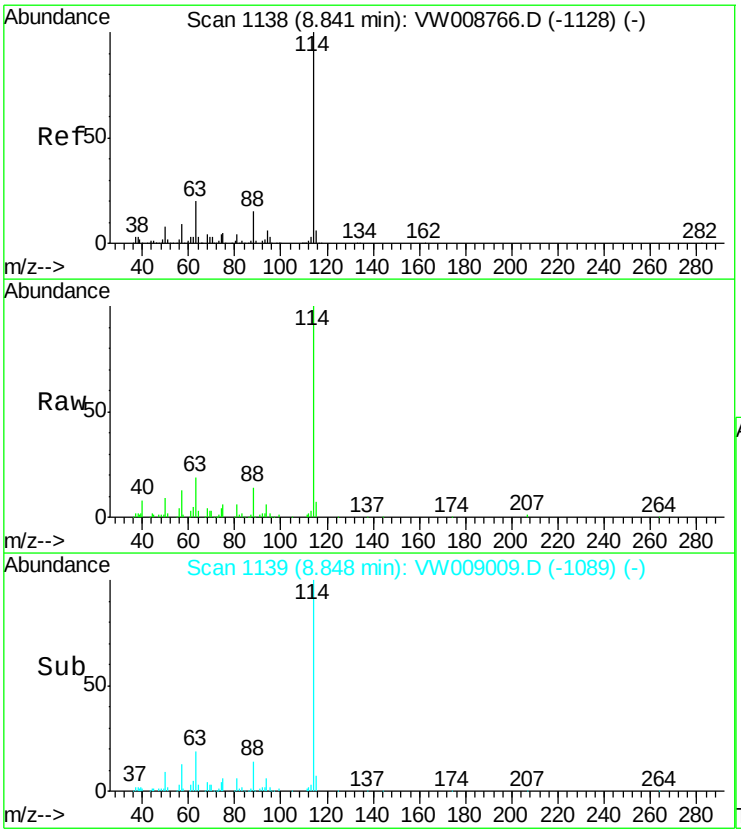
#33
1,2-Dichloroethane-d4
Concen: 60.117 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-JRE

Tgt Ion: 65 Resp: 17761

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	101.4

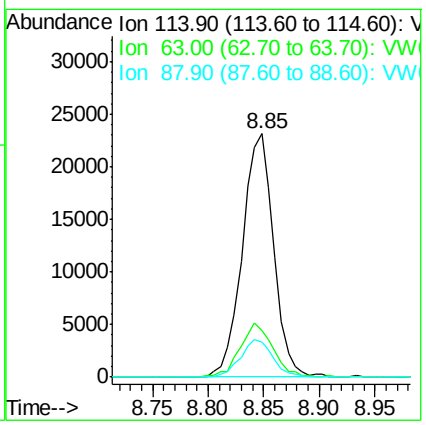


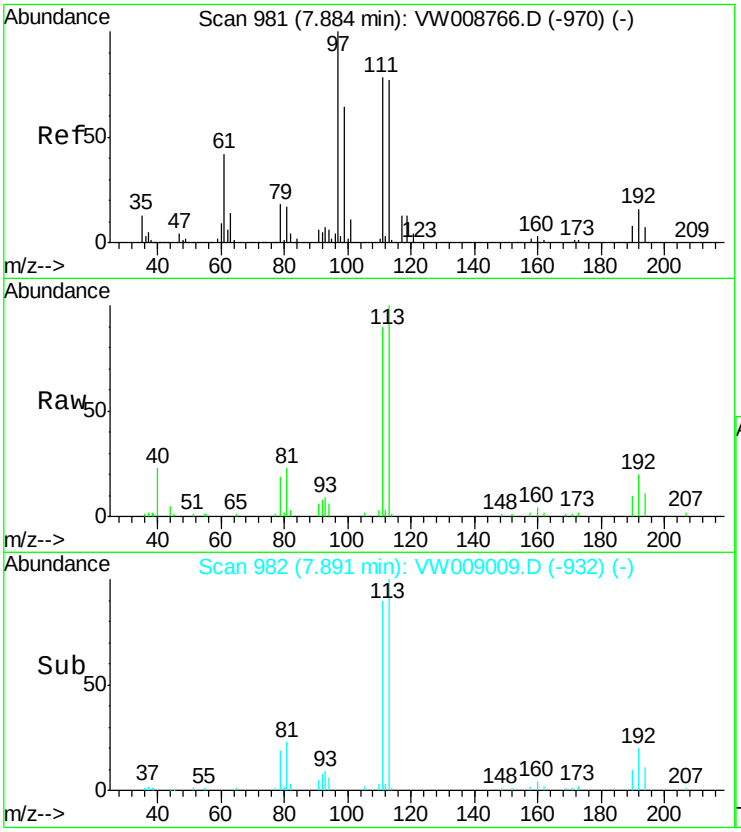


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Tgt Ion:114 Resp: 45211

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	40.8
88	14.1	0.0	30.4



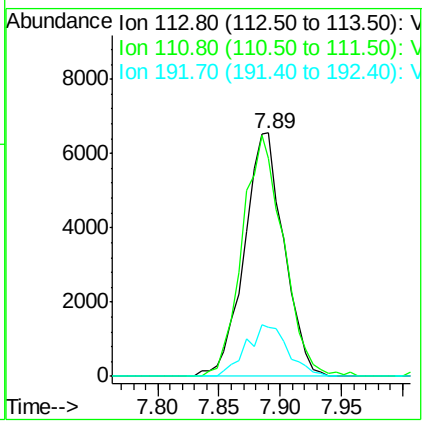


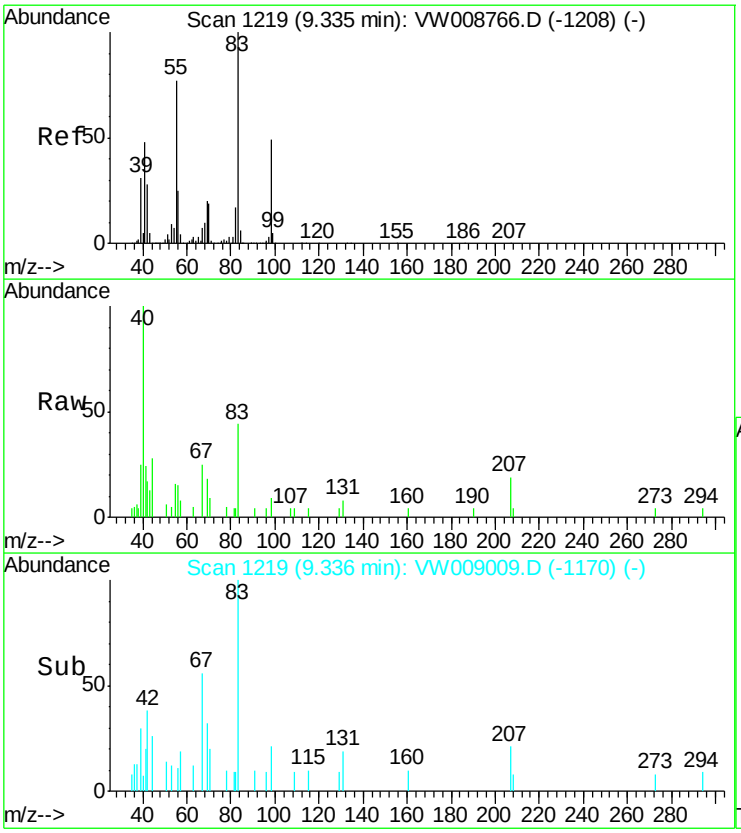
#35
Dibromofluoromethane
Concen: 54.654 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-JRE

Tgt Ion:113 Resp: 14836

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	22.1	17.1	25.7

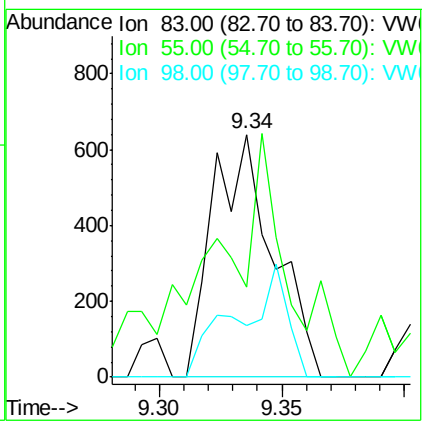


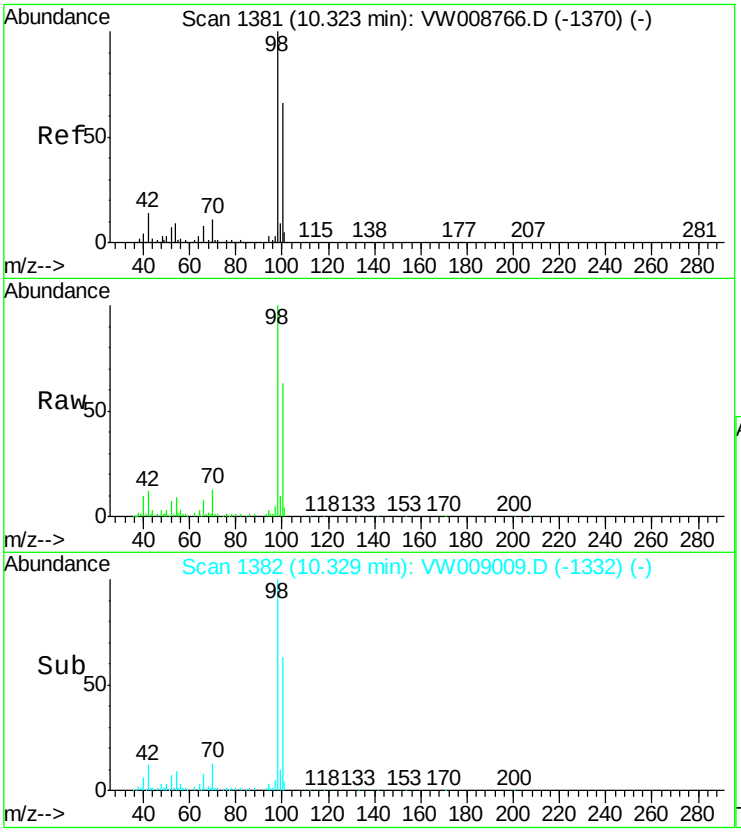


#39
Methylcyclohexane
Concen: 2.004 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Tgt Ion: 83 Resp: 1100

Ion	Ratio	Lower	Upper
83	100		
55	20.5	61.2	91.8#
98	21.1	39.4	59.2#



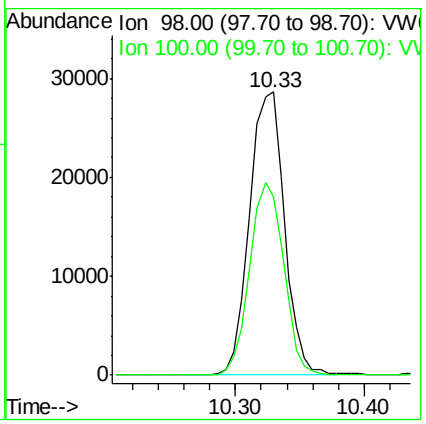


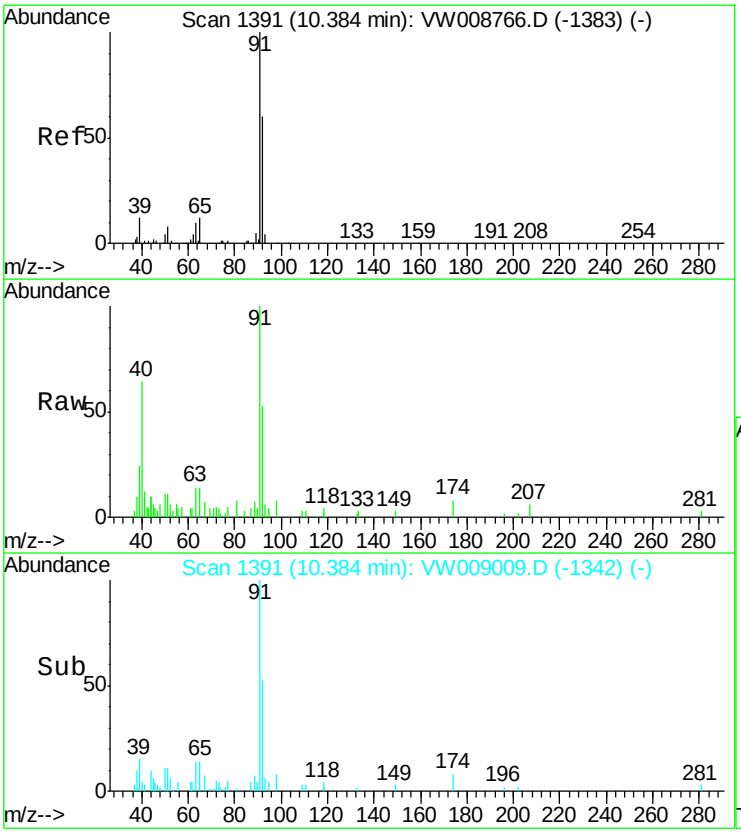
#50
Toluene-d8
Concen: 51.176 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Instrument : MSVOA_W
ClientSampleId : JC-03-030119-JRE

Tgt Ion: 98 Resp: 53627

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.4	78.6

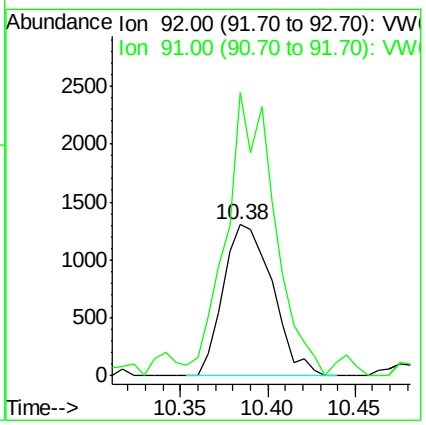


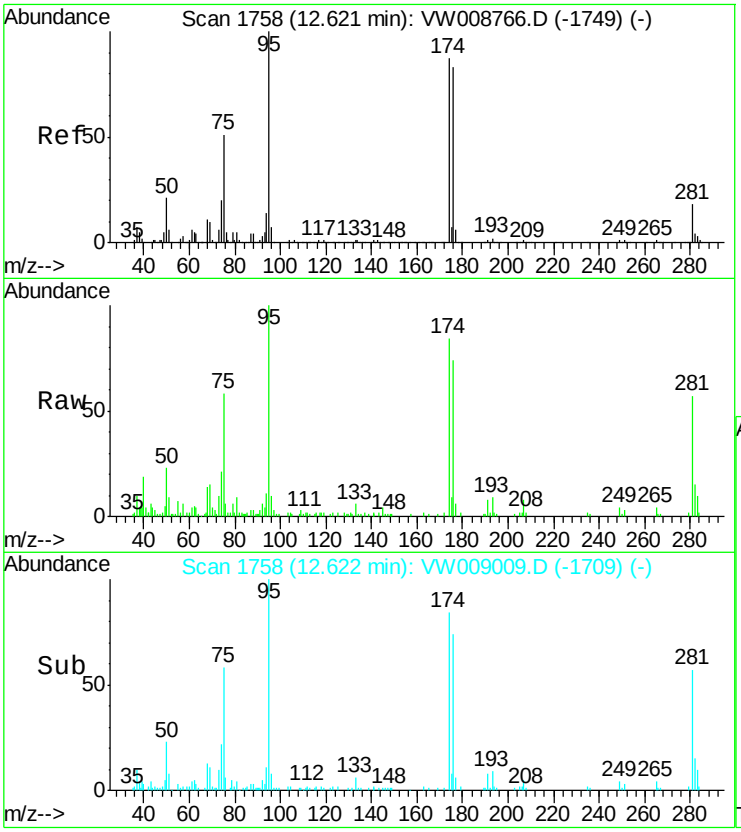


#52
Toluene
Concen: 3.140 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Tgt Ion: 92 Resp: 2561

Ion	Ratio	Lower	Upper
92	100		
91	183.6	136.9	205.3



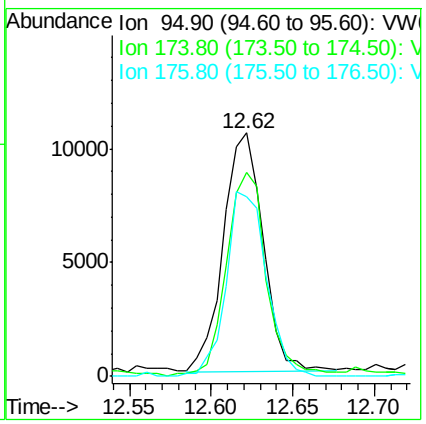


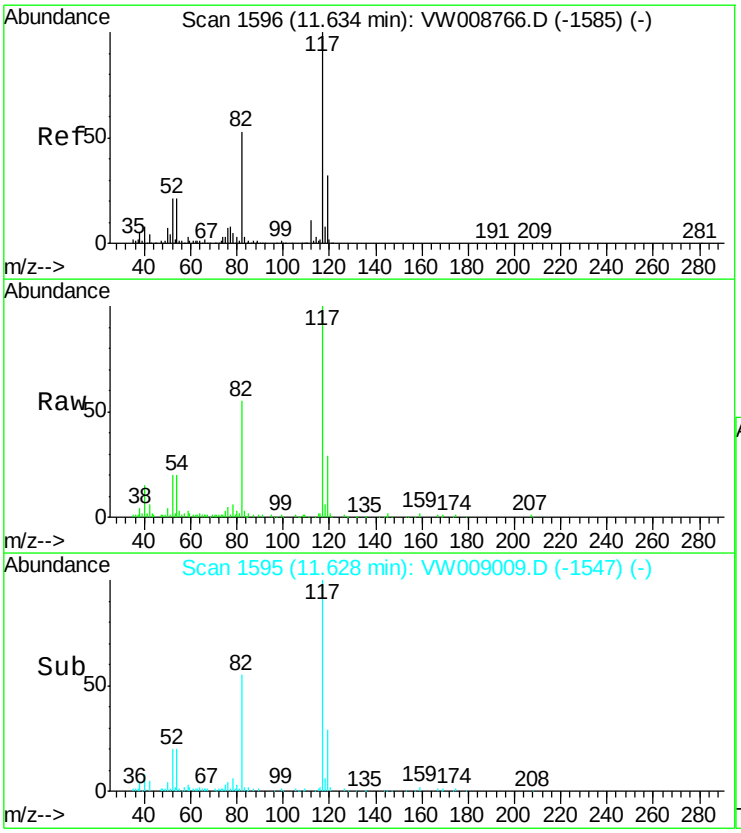
#62
4-Bromofluorobenzene
Concen: 43.874 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-JRE

Tgt Ion: 95 Resp: 18001

Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	169.2
176	77.4	0.0	163.6

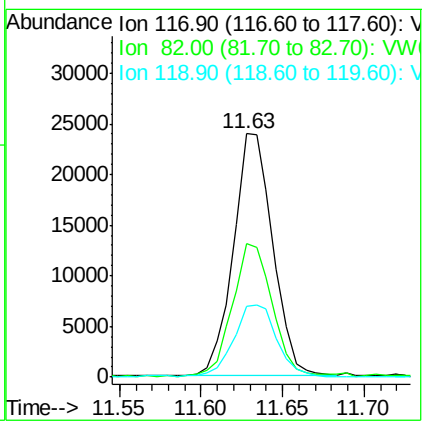


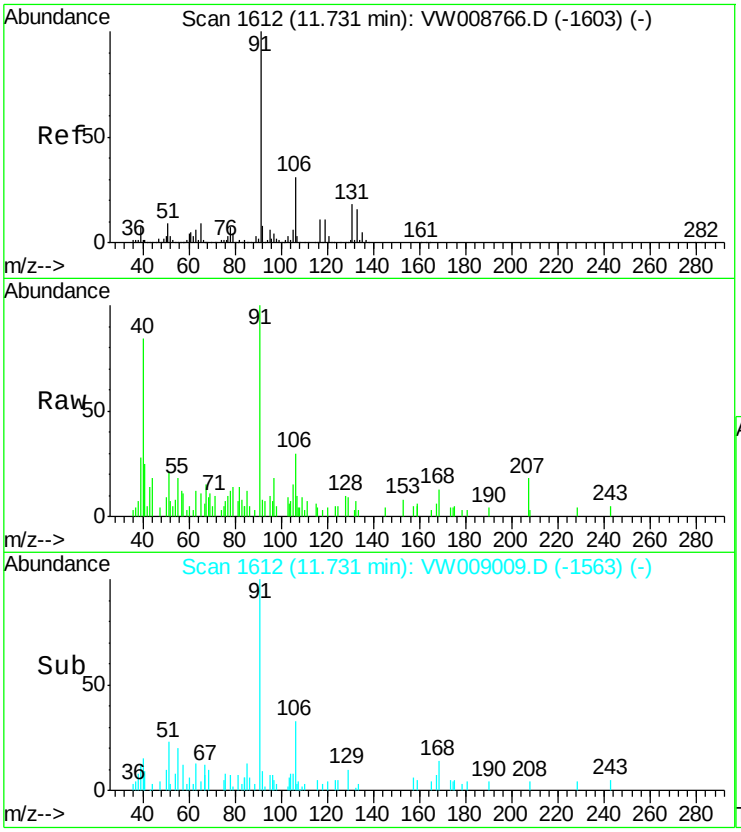


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Tgt Ion:117 Resp: 40080

Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.2	63.4
119	29.4	25.9	38.9



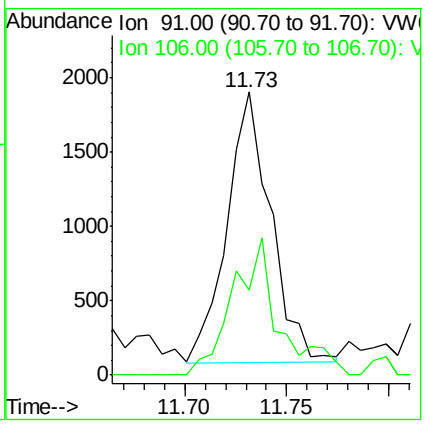


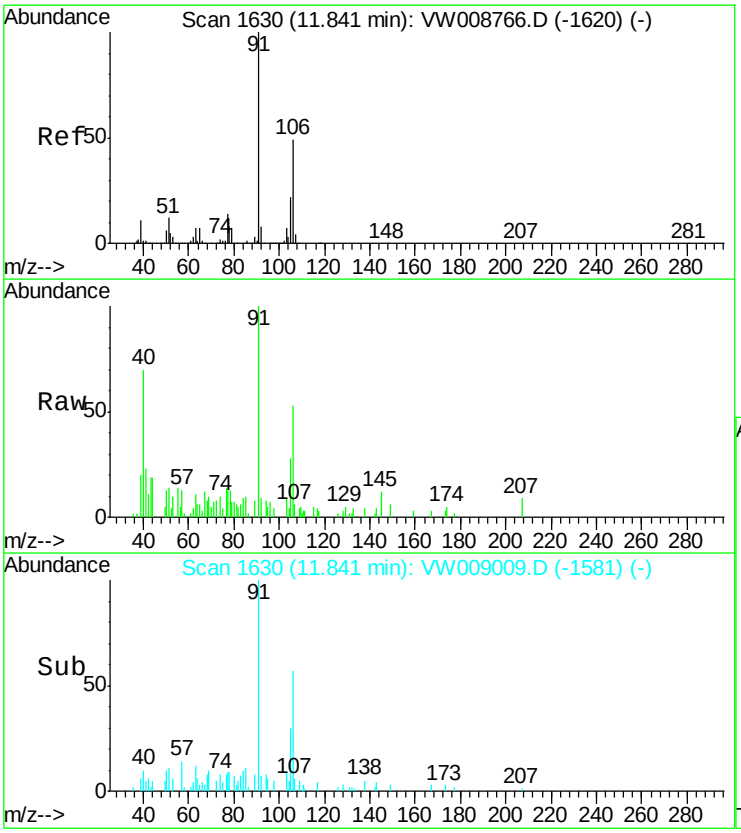
#67
Ethyl Benzene
Concen: 1.814 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Instrument : MSVOA_W
ClientSampleId : JC-03-030119-JRE

Tgt Ion: 91 Resp: 2733

Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.0	37.6

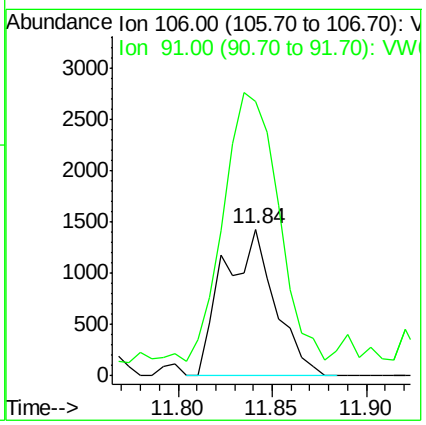


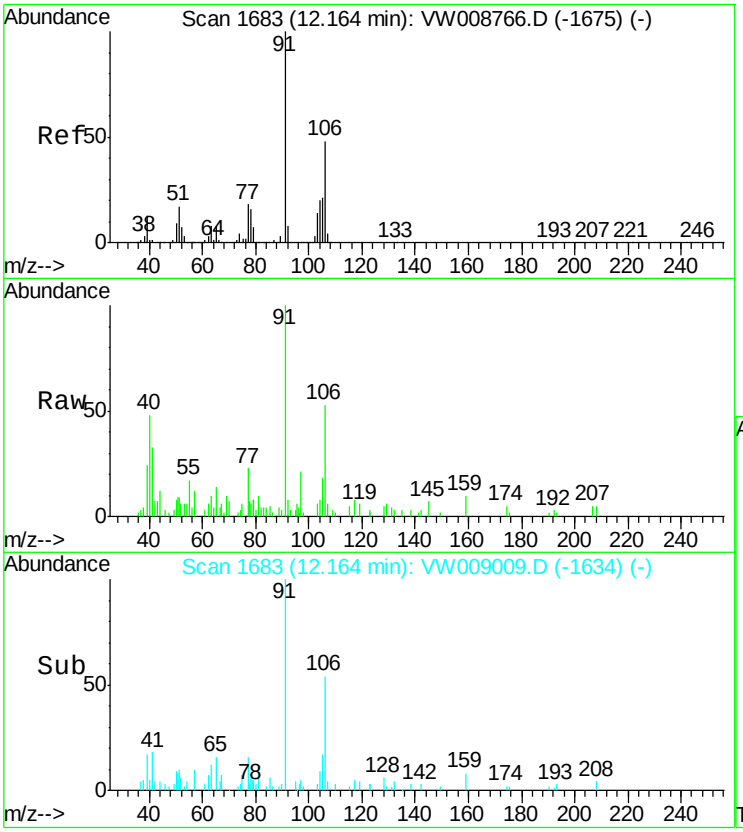


#68
m/p-Xylenes
Concen: 4.469 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Tgt Ion:106 Resp: 2690

Ion	Ratio	Lower	Upper
106	100		
91	197.9	161.5	242.3



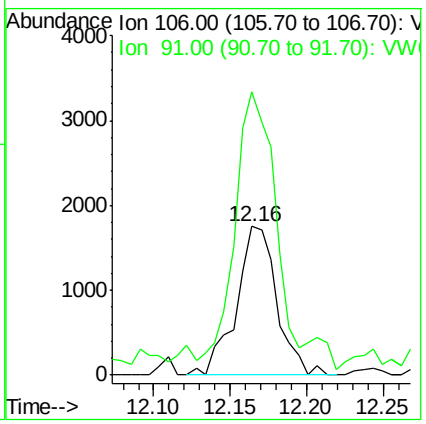


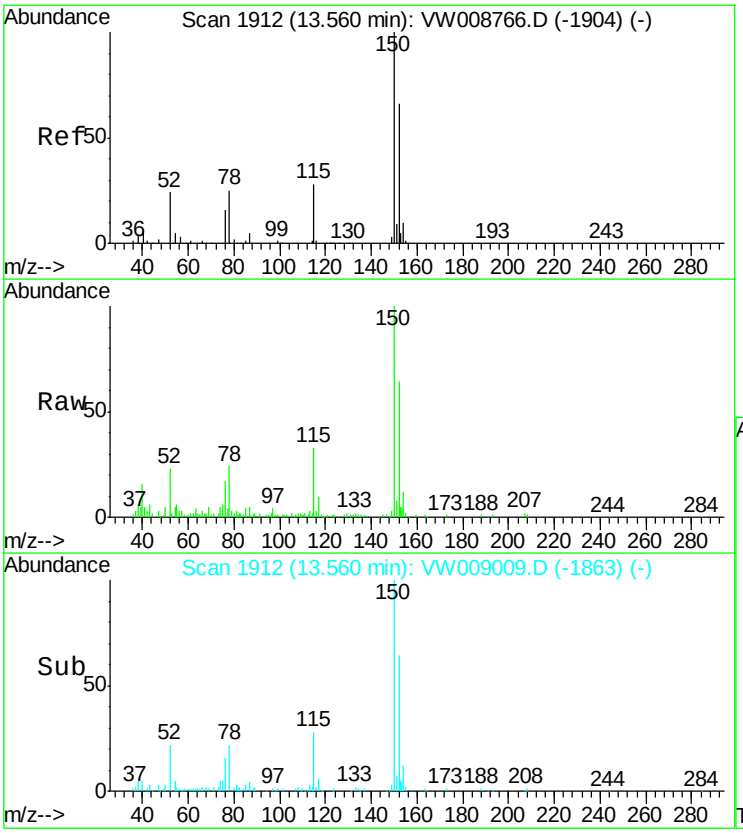
#69
o-Xylene
Concen: 5.703 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Instrument : MSVOA_W
ClientSampleId : JC-03-030119-JRE

Tgt Ion:106 Resp: 3222

Ion	Ratio	Lower	Upper
106	100		
91	197.7	106.2	318.6

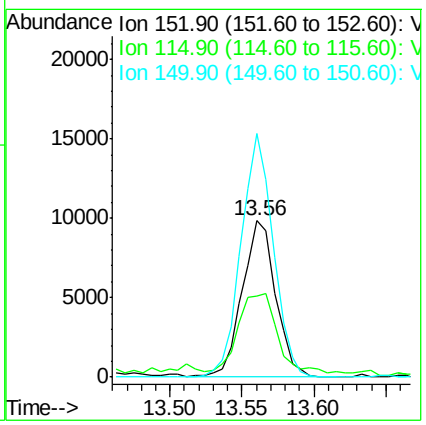


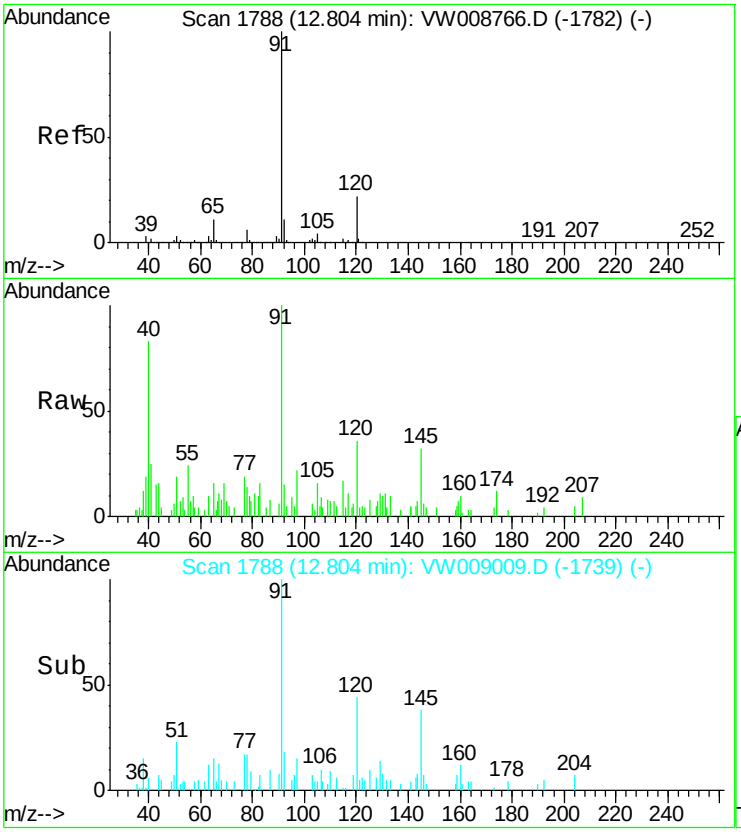


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Tgt Ion:152 Resp: 15820

Ion	Ratio	Lower	Upper
152	100		
115	59.9	28.6	85.8
150	149.7	0.0	348.0



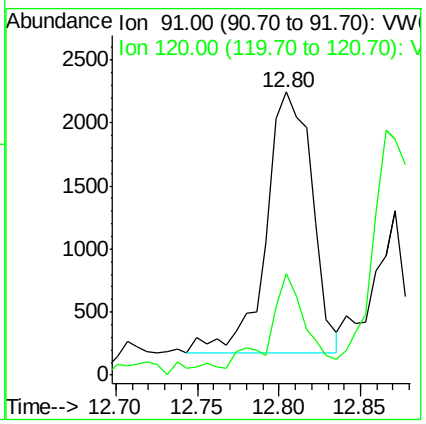


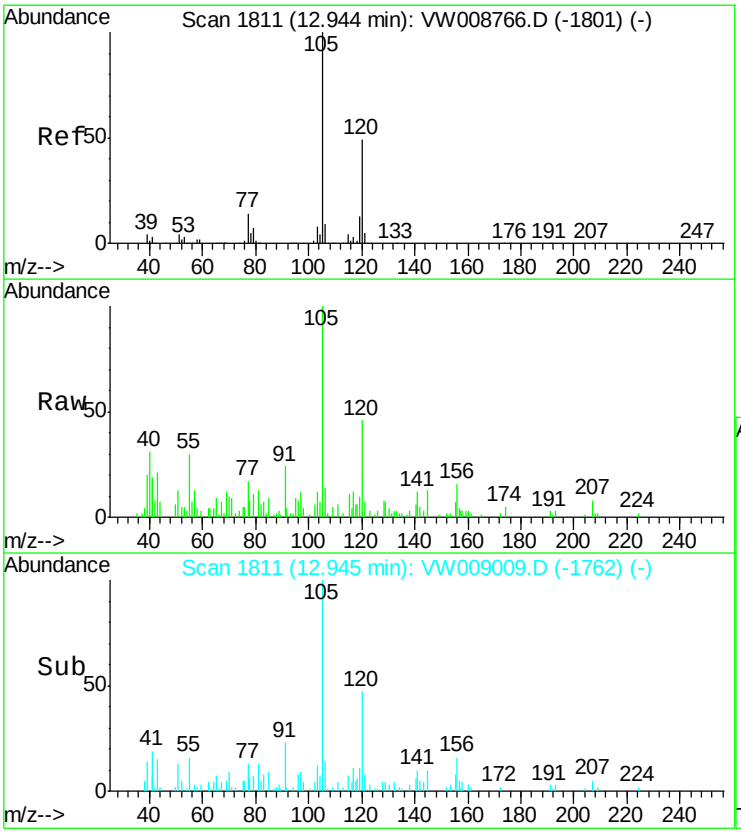
#78
n-propylbenzene
Concen: 3.057 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-JRE

Tgt Ion: 91 Resp: 4056

Ion	Ratio	Lower	Upper
91	100		
120	26.8	11.5	34.4

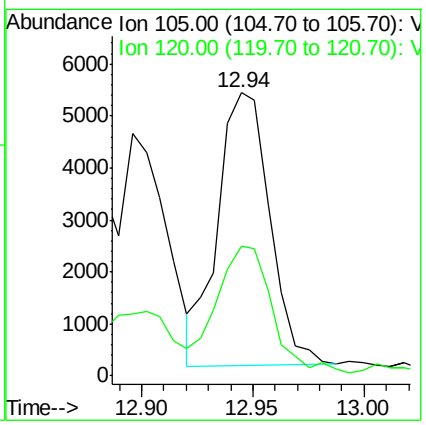


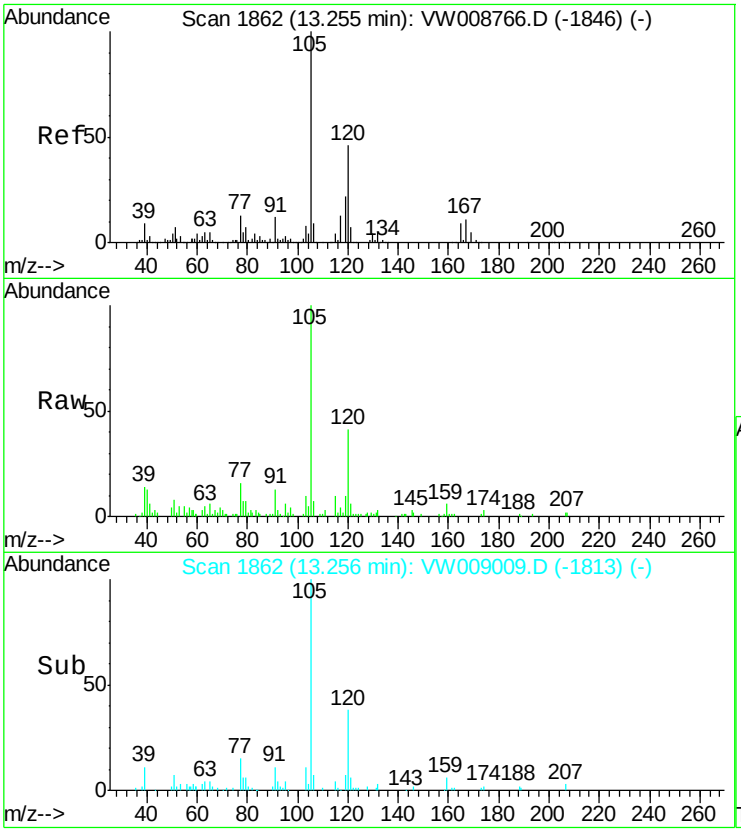


#80
1,3,5-Trimethylbenzene
Concen: 9.040 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Tgt Ion:105 Resp: 8520

Ion	Ratio	Lower	Upper
105	100		
120	50.6	24.8	74.4





#84
1,2,4-Trimethylbenzene
Concen: 18.549 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW009009.D
Acq: 05 Mar 2019 20:50

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-JRE

Tgt Ion:105 Resp: 18097

Ion	Ratio	Lower	Upper
105	100		
120	48.8	22.8	68.4