Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006210.D
Acq On : 19 Oct 2018 08:13
Operator : VA/AP
Sample : J5195-03
Misc : 4.87G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-02-101818-A

Quant Time: Oct 19 08:40:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	115418	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.85	114	163982	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	96941	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	22885	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	54930	57.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 114.82%				
35) Dibromofluoromethane	7.89	113	53516	55.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.46%				
50) Toluene-d8	10.33	98	123457	33.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 66.98%				
62) 4-Bromofluorobenzene	12.62	95	31985	23.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 46.20%				
Target Compounds							Qvalue
16) Acetone	4.15	43	19792	101.46	ug/l		91
20) Methylene Chloride	4.92	84	6899	5.36	ug/l		88
39) Methylcyclohexane	9.34	83	4644	2.31	ug/l		91
73) Isopropylbenzene	12.47	105	7561	4.68	ug/l		99
78) n-propylbenzene	12.81	91	6559	3.49	ug/l		93
80) 1,3,5-Trimethylbenzene	12.95	105	1777	1.30	ug/l		96
83) tert-Butylbenzene	13.21	119	1613	1.32	ug/l		73
84) 1,2,4-Trimethylbenzene	13.26	105	2580	1.87	ug/l		90
85) sec-Butylbenzene	13.39	105	5165	3.00	ug/l	#	70

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

Quantitation Report (QT/LSC Reviewed)

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Data File : VW006210.D
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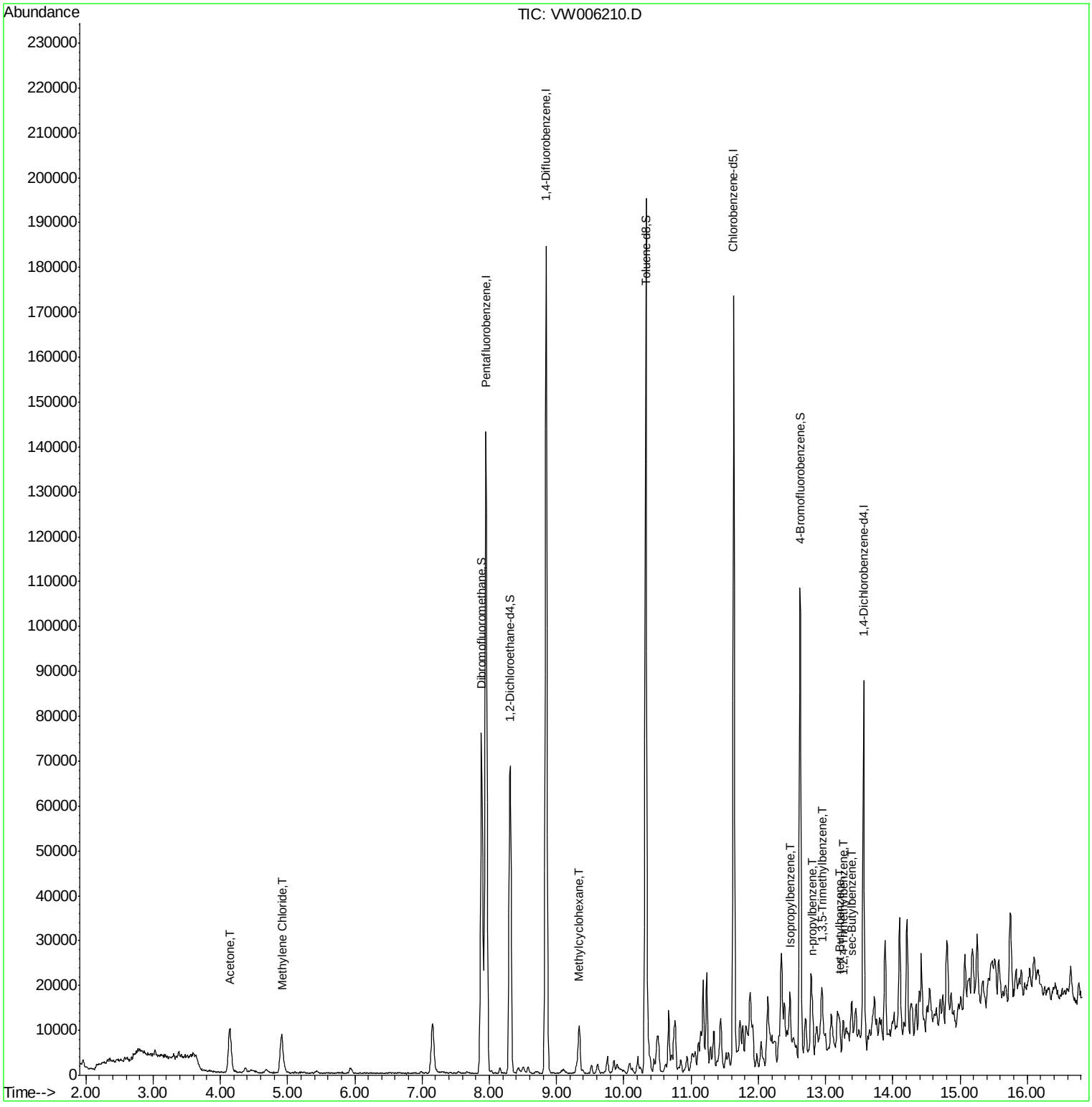
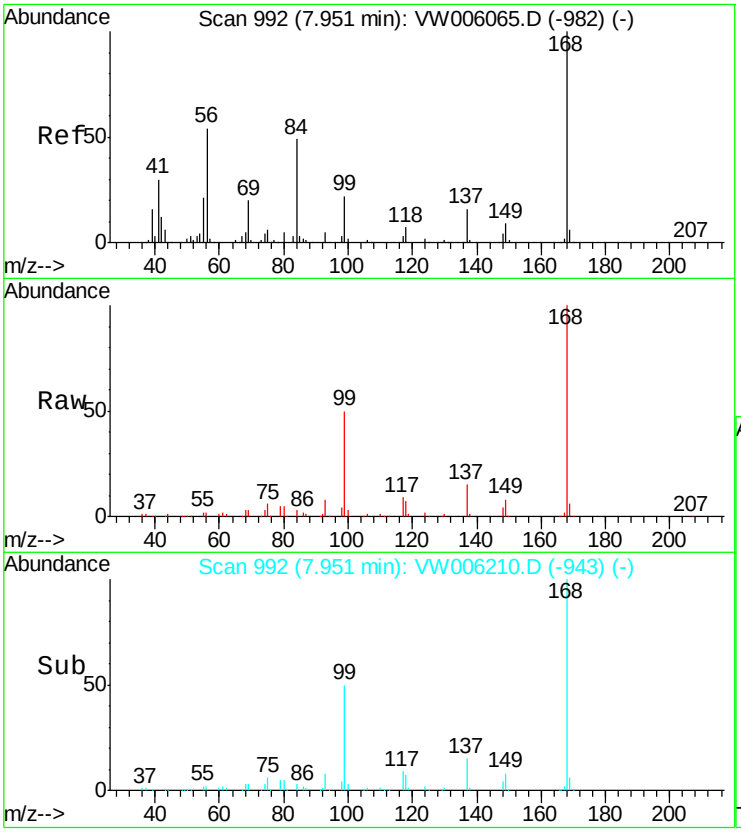
Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-A

Quant Time: Oct 19 08:40:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration



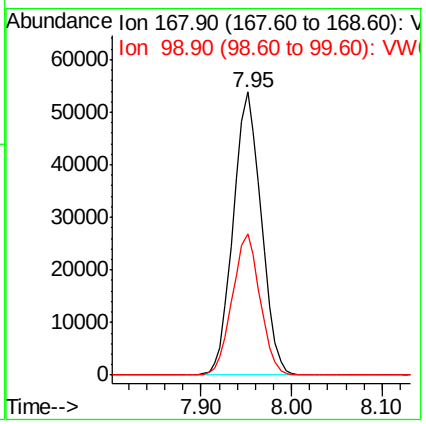


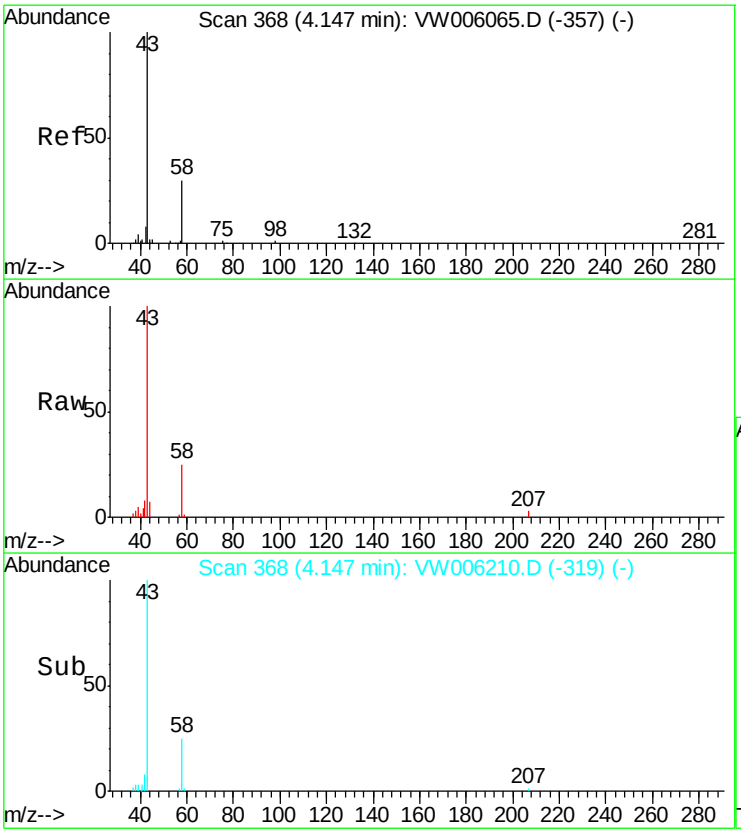
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-A

Tgt Ion:168 Resp: 115418

Ion	Ratio	Lower	Upper
168	100		
99	49.8	39.9	59.9

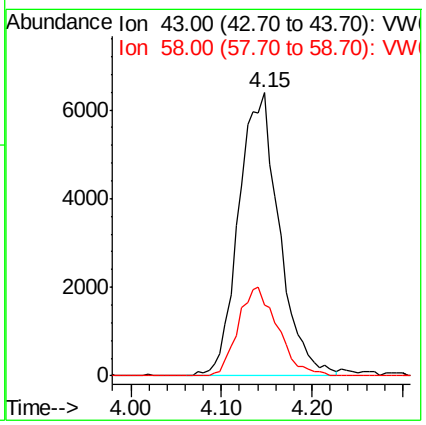


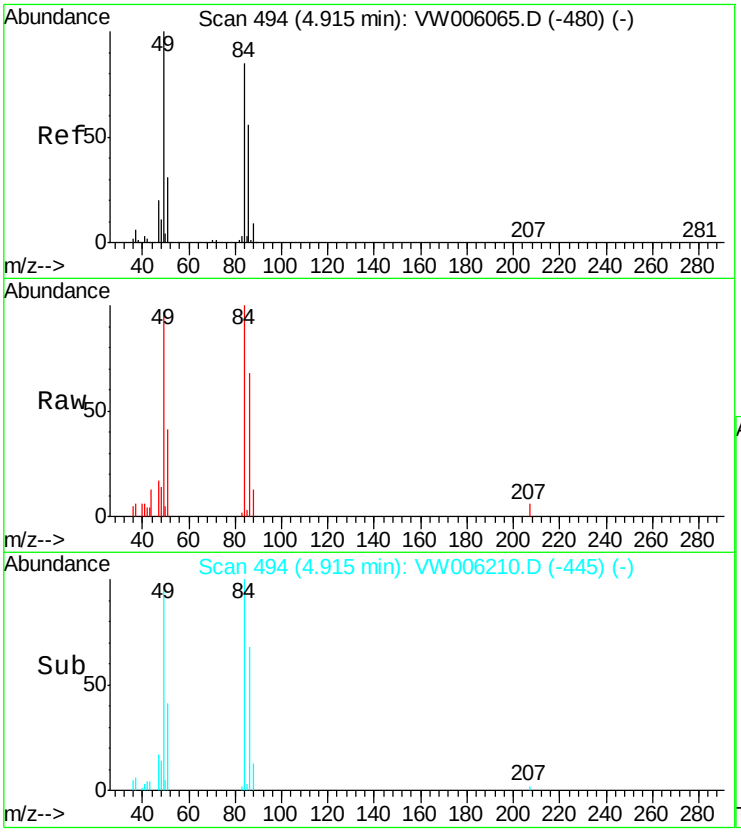


#16
Acetone
Concen: 101.46 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.00 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Tgt Ion: 43 Resp: 19792

Ion	Ratio	Lower	Upper
43	100		
58	25.0	24.0	36.0



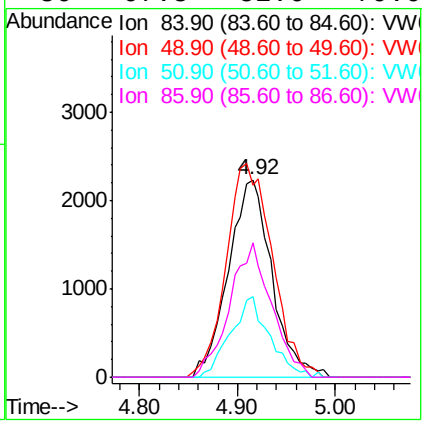


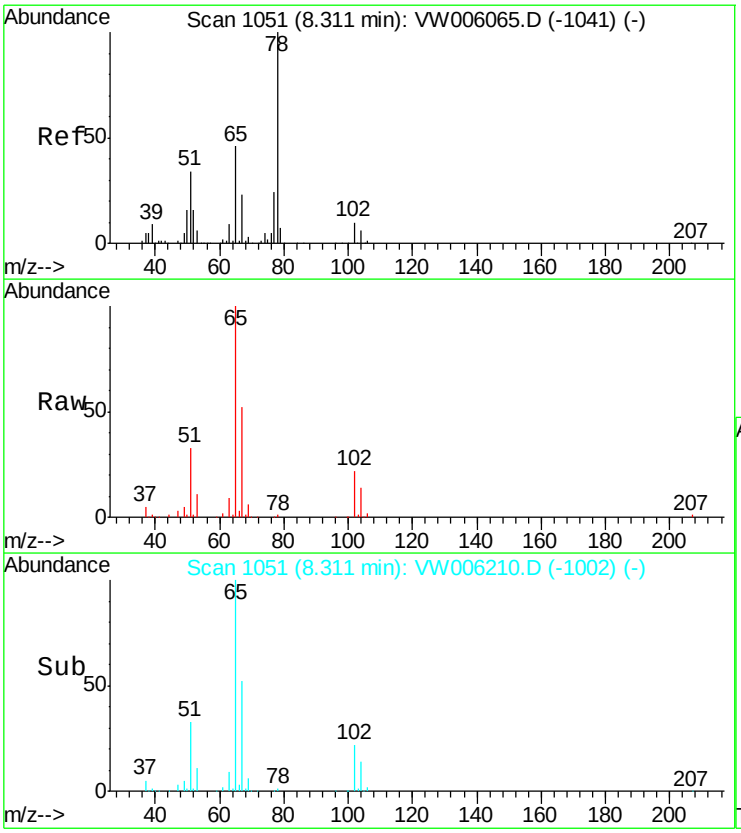
#20
Methylene Chloride
Concen: 5.36 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Instrument : MSVOA_W
ClientSampleId : JC-02-101818-A

Tgt Ion: 84 Resp: 6899

Ion	Ratio	Lower	Upper
84	100		
49	97.2	93.6	140.4
51	40.8	29.0	43.4
86	67.8	52.6	79.0

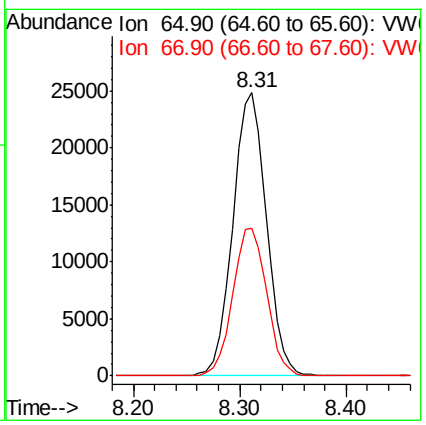


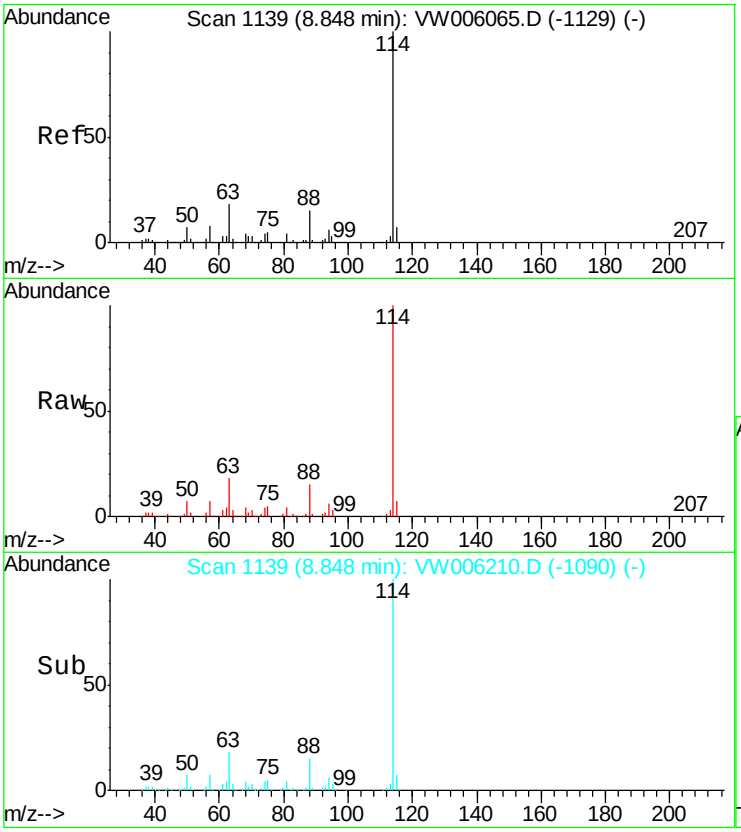


#33
1,2-Dichloroethane-d4
Concen: 57.41 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Tgt Ion: 65 Resp: 54930

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	101.0



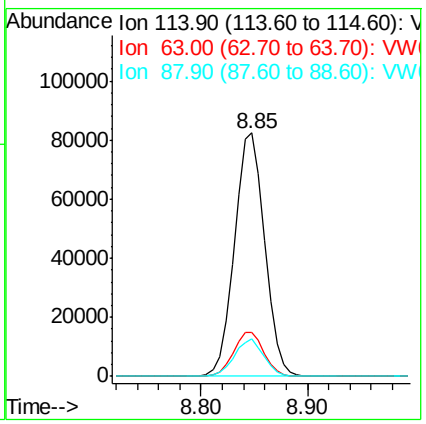


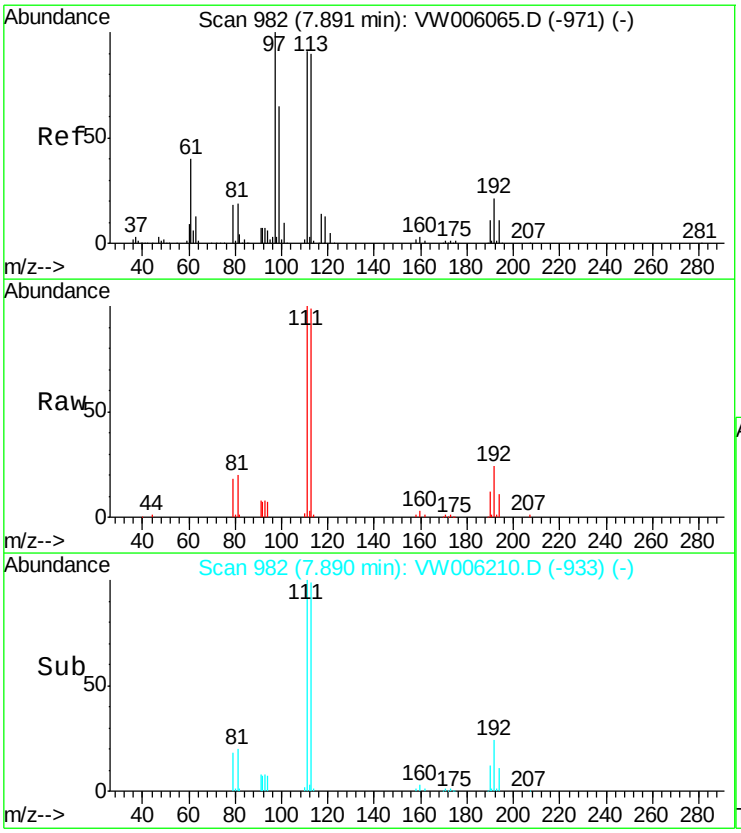
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Instrument : MSVOA_W
ClientSampleId : JC-02-101818-A

Tgt Ion:114 Resp: 163982

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.8
88	15.2	0.0	29.0

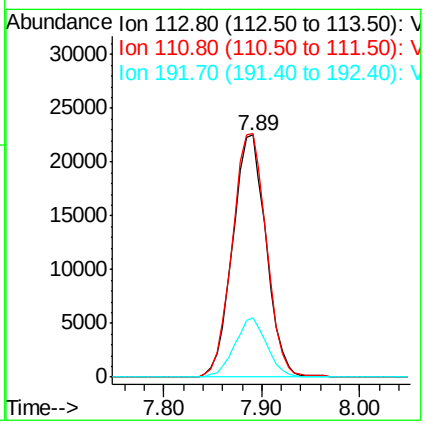


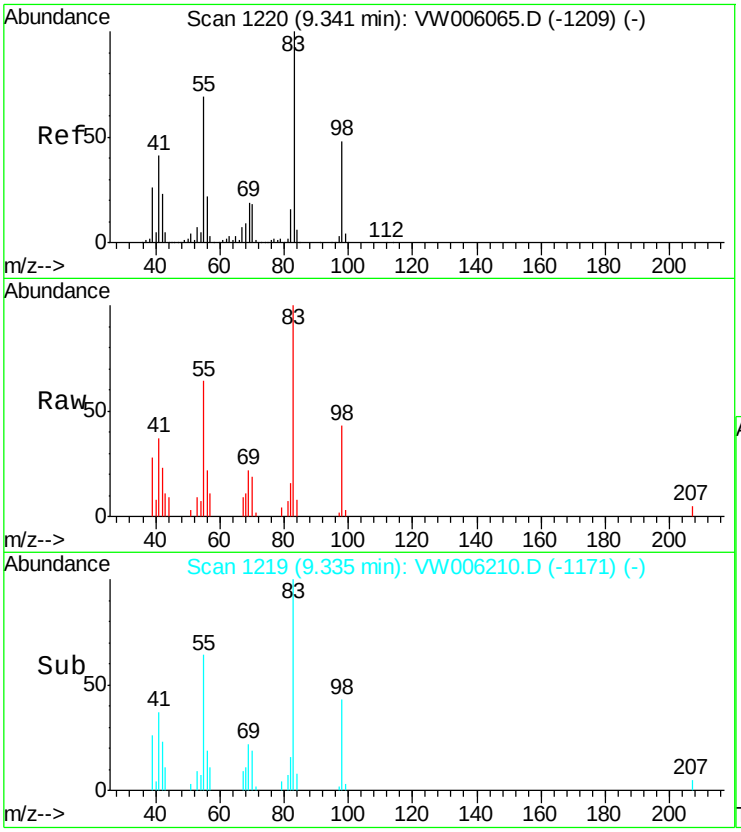


#35
Dibromofluoromethane
Concen: 55.23 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Tgt Ion:113 Resp: 53516

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.0
192	23.4	18.7	28.1



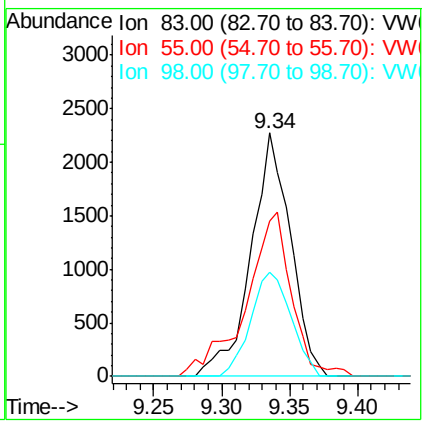


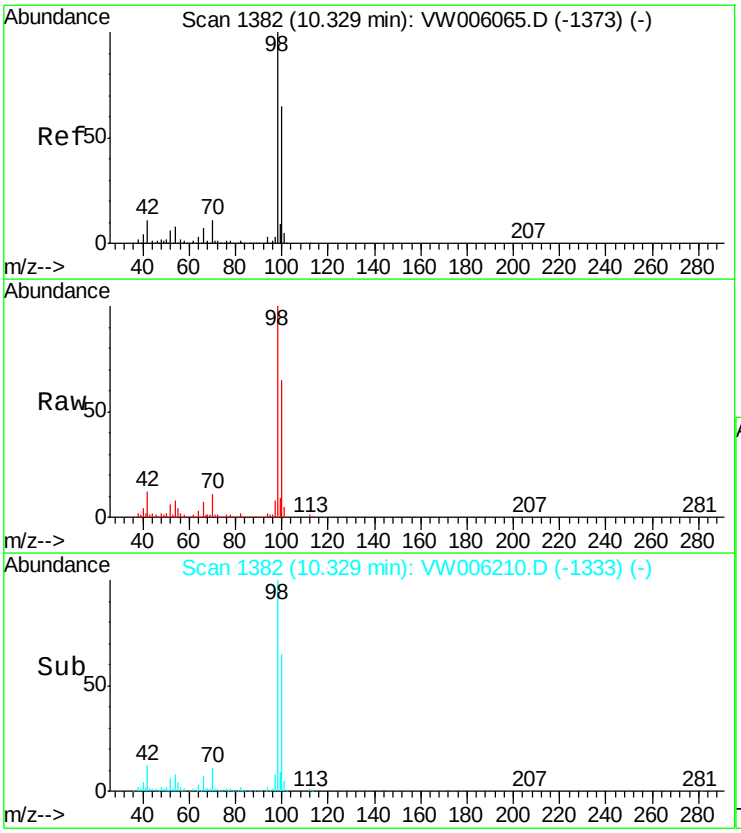
#39
Methylcyclohexane
Concen: 2.31 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-A

Tgt Ion: 83 Resp: 4644

Ion	Ratio	Lower	Upper
83	100		
55	61.0	55.0	82.6
98	42.5	38.6	57.8

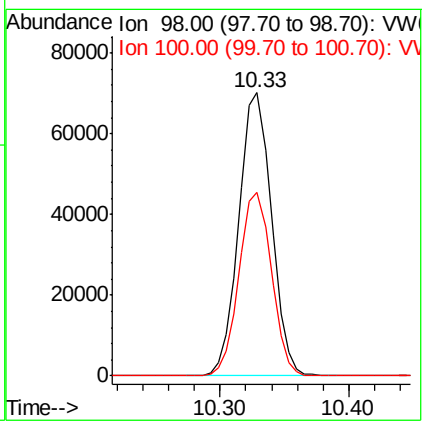


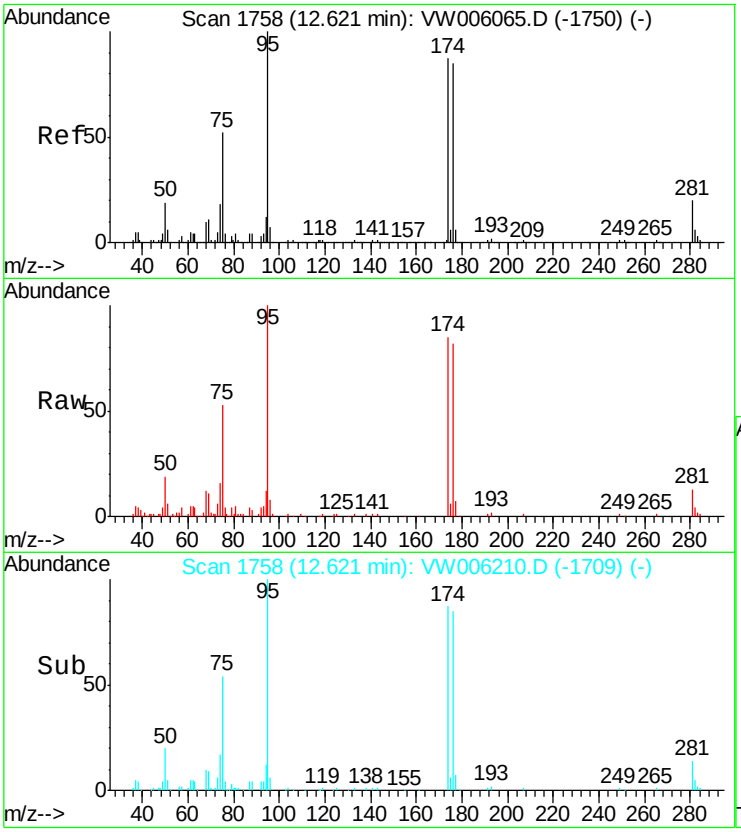


#50
Toluene-d8
Concen: 33.49 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Tgt Ion: 98 Resp: 123457

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4



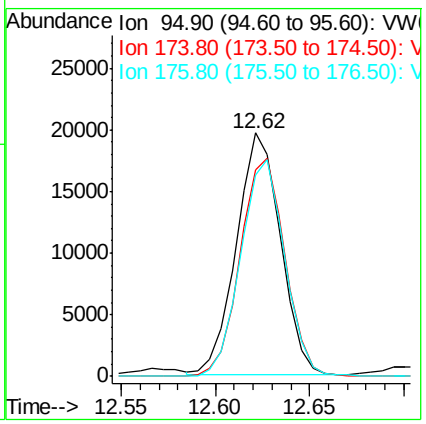


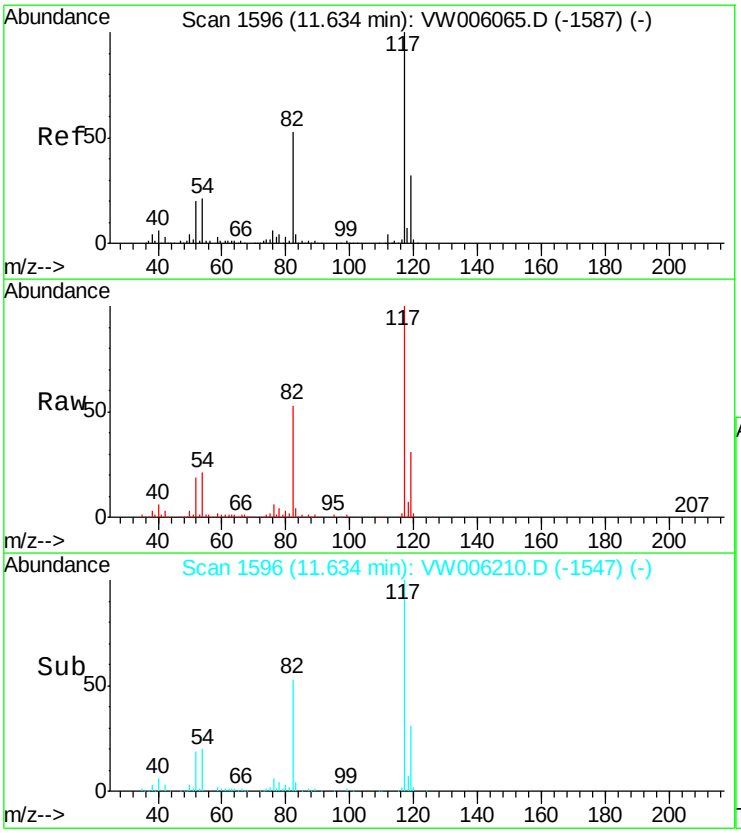
#62
4-Bromofluorobenzene
Concen: 23.10 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Instrument : MSVOA_W
ClientSampleId : JC-02-101818-A

Tgt Ion: 95 Resp: 31985

Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	186.0
176	89.0	0.0	181.6

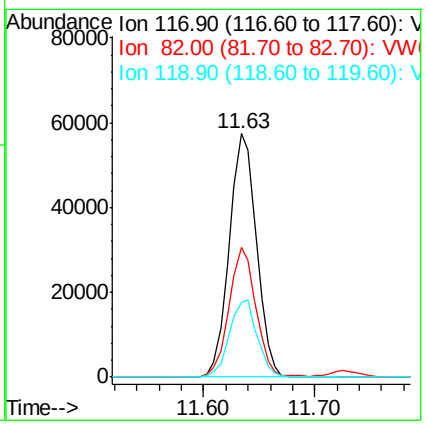


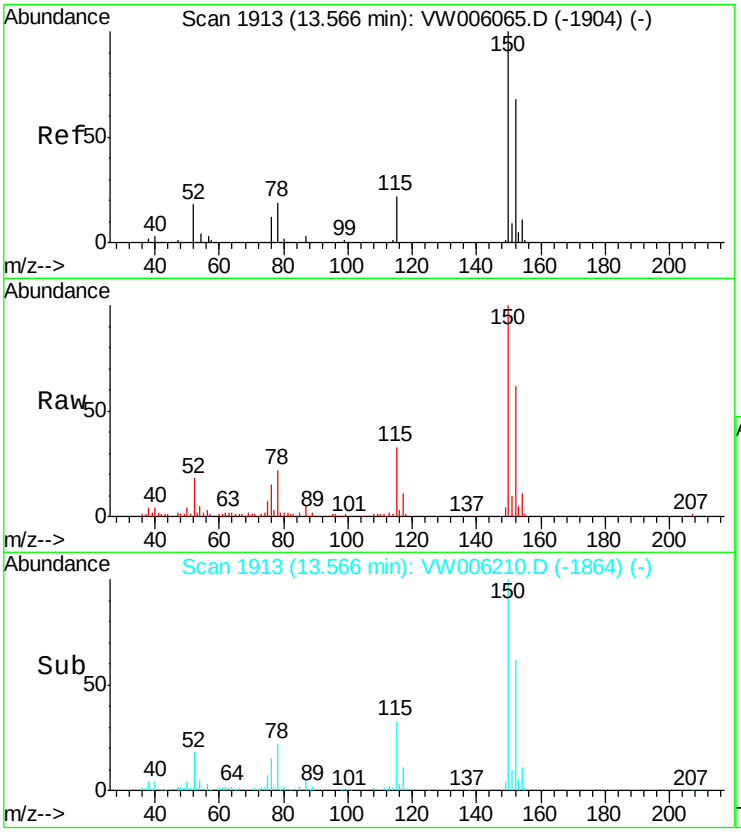


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Tgt Ion:117 Resp: 96941

Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.1	63.1
119	30.5	25.8	38.6



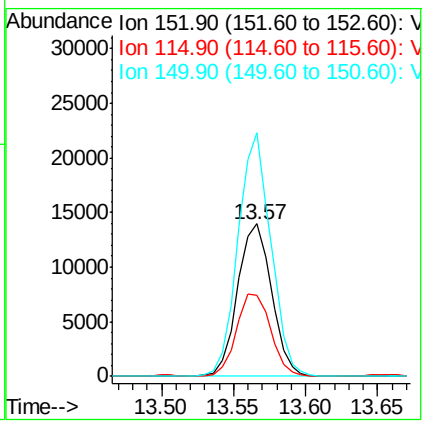


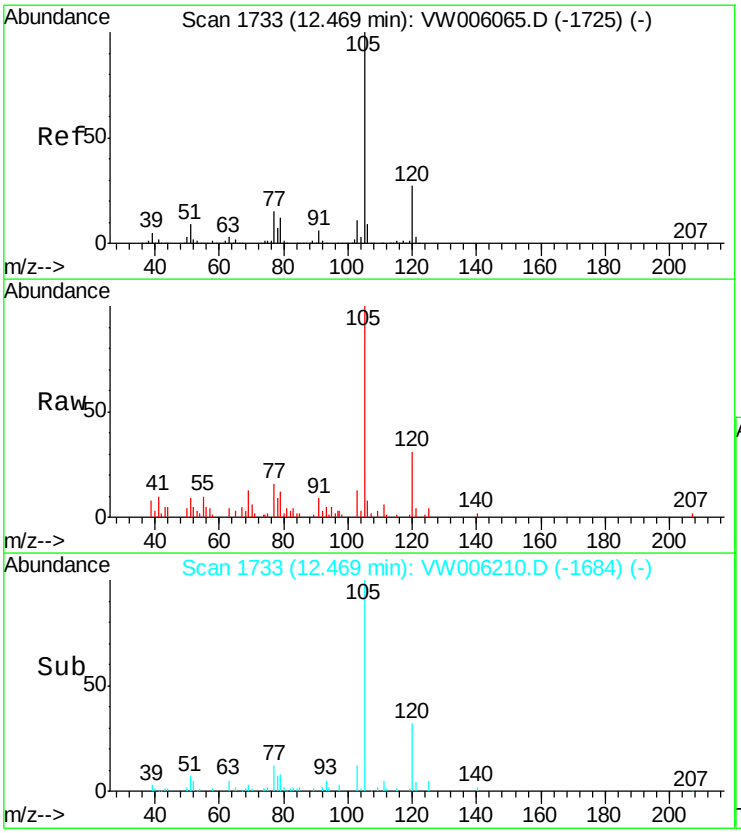
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Instrument : MSVOA_W
ClientSampleId : JC-02-101818-A

Tgt Ion:152 Resp: 22885

Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.8	83.3
150	153.9	0.0	349.2

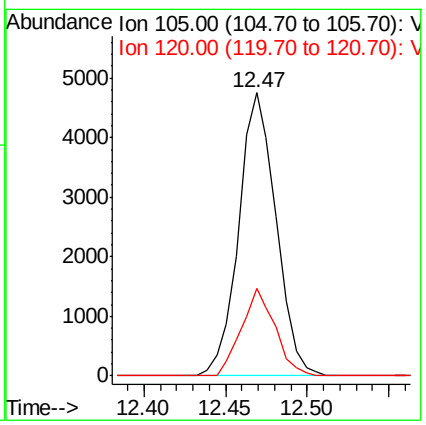


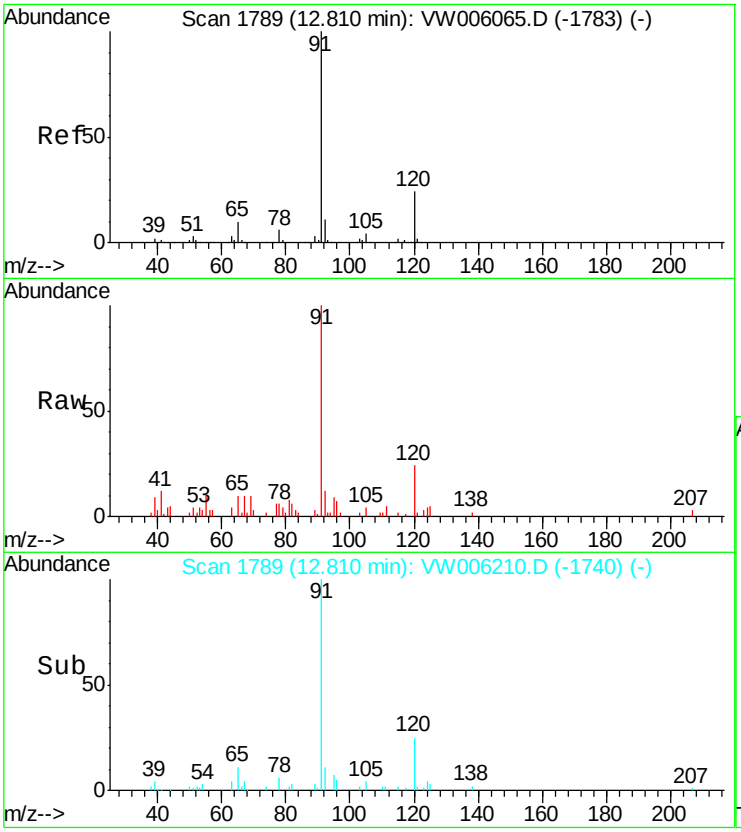


#73
Isopropylbenzene
Concen: 4.68 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Tgt Ion:105 Resp: 7561

Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.6	40.7



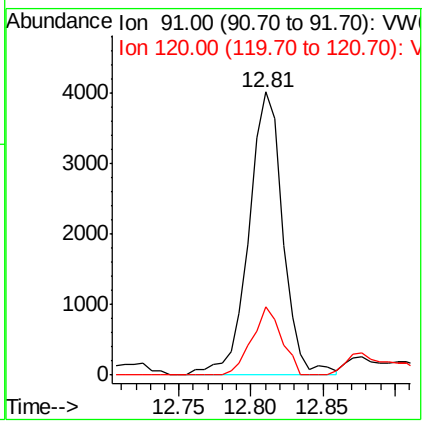


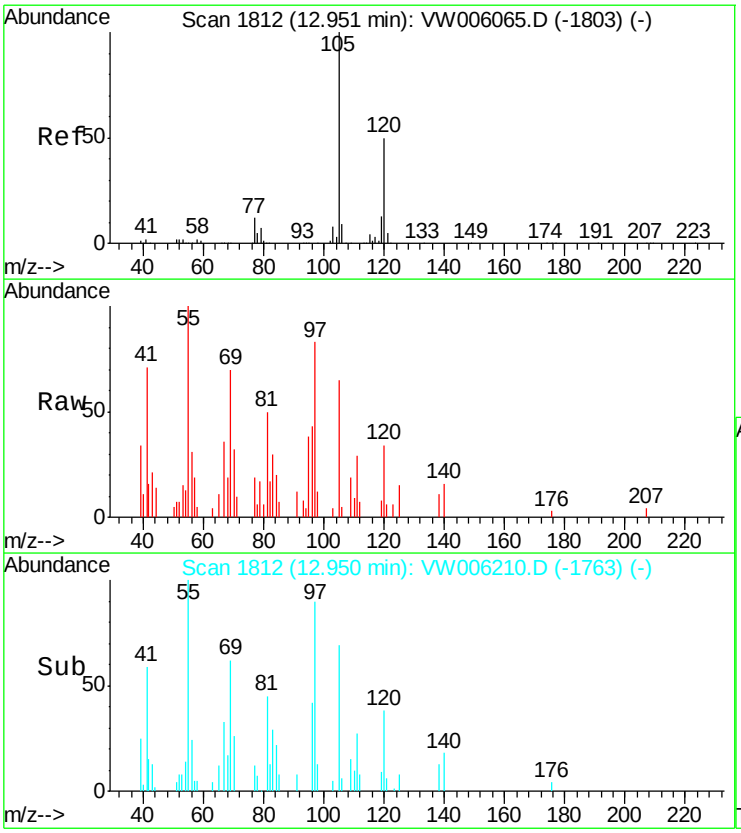
#78
n-propylbenzene
Concen: 3.49 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-A

Tgt Ion: 91 Resp: 6559

Ion	Ratio	Lower	Upper
91	100		
120	20.9	12.2	36.6

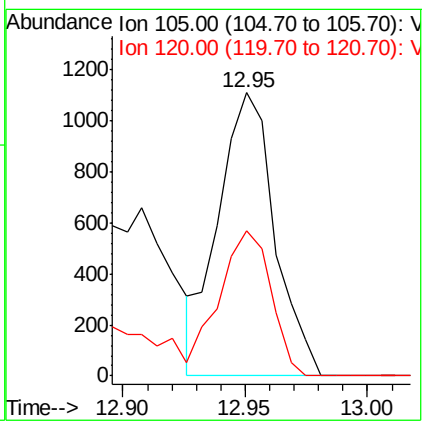


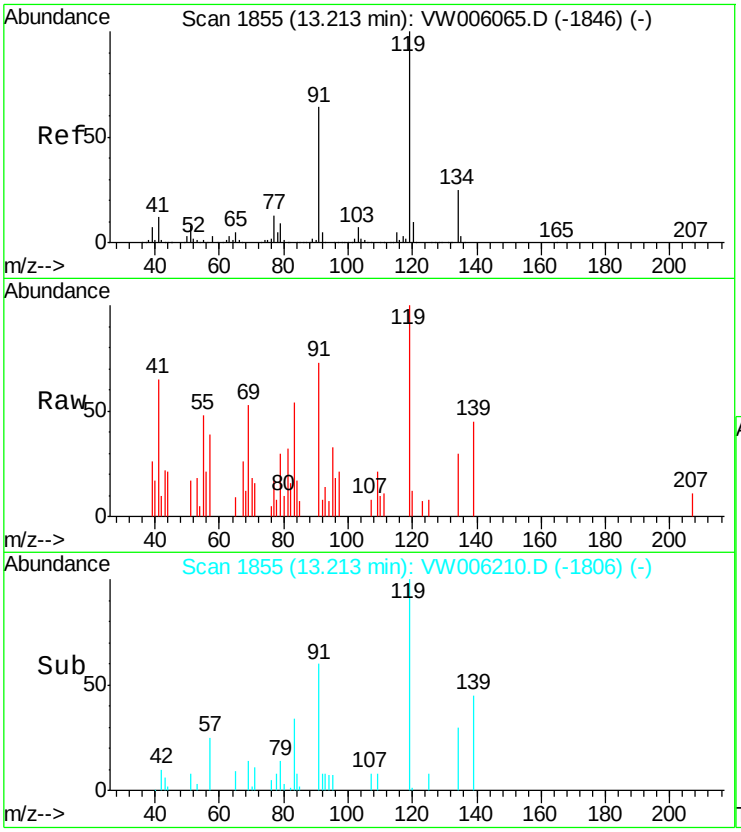


#80
1,3,5-Trimethylbenzene
Concen: 1.30 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Tgt Ion:105 Resp: 1777

Ion	Ratio	Lower	Upper
105	100		
120	47.3	24.9	74.6



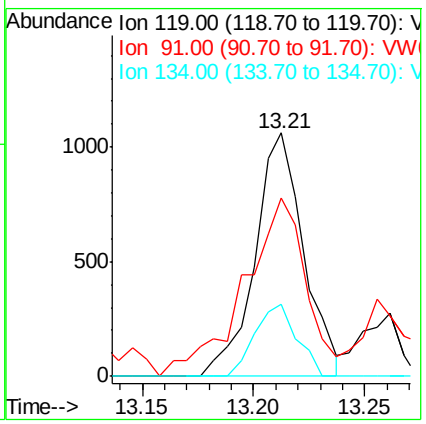


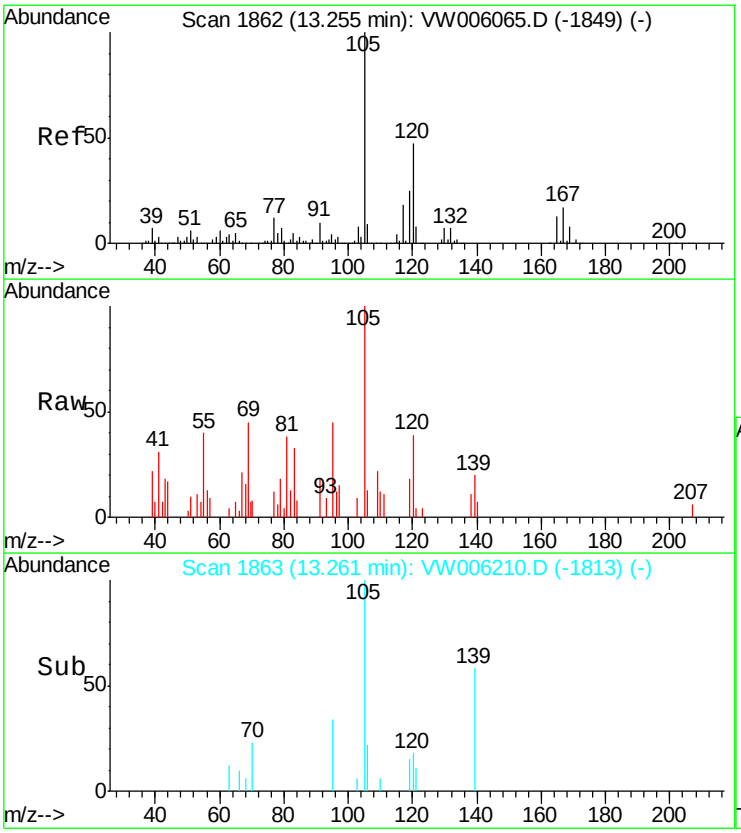
#83
tert-Butylbenzene
Concen: 1.32 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-A

Tgt Ion:119 Resp: 1613

Ion	Ratio	Lower	Upper
119	100		
91	93.2	32.3	96.9
134	25.4	13.6	40.8

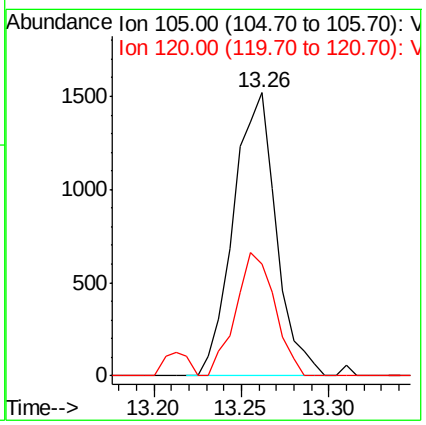


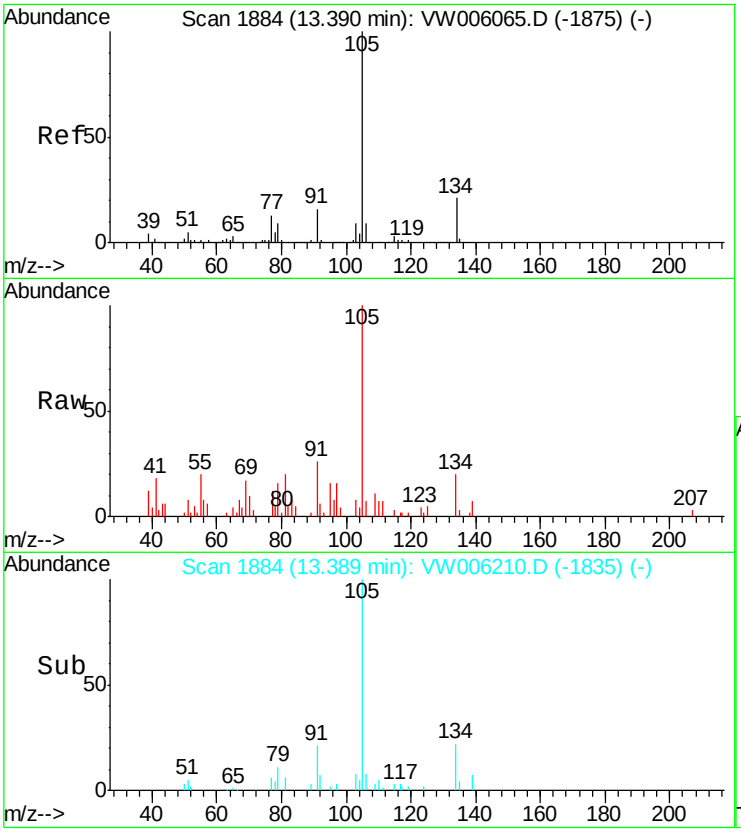


#84
1,2,4-Trimethylbenzene
Concen: 1.87 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Tgt Ion:105 Resp: 2580

Ion	Ratio	Lower	Upper
105	100		
120	39.7	23.1	69.3





#85
sec-Butylbenzene
Concen: 3.00 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW006210.D
Acq: 19 Oct 2018 08:13

Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-A

Tgt Ion:105 Resp: 5165

Ion	Ratio	Lower	Upper
105	100		
134	35.2	10.5	31.6#