Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101918\
Data File : VW006239.D
Acq On : 19 Oct 2018 21:21
Operator : VA/AP
Sample : J5604-03
Misc : 4.98G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : MS-VB-25868-BOX-1

Quant Time: Oct 20 03:42:48 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	141936	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.85	114	227200	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	136464	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	43580	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	90601	76.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 153.98%				
35) Dibromofluoromethane	7.89	113	79727	59.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 118.78%				
50) Toluene-d8	10.33	98	192703	37.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 75.46%				
62) 4-Bromofluorobenzene	12.62	95	50770	26.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 52.94%				
Target Compounds							Qvalue
16) Acetone	4.16	43	40635	179.917	ug/l		100
20) Methylene Chloride	4.92	84	6646	3.835	ug/l		91
25) 2-Butanone	7.20	43	8528	26.827	ug/l		95
39) Methylcyclohexane	9.34	83	6236	2.240	ug/l		92
40) Benzene	8.32	78	112212	19.534	ug/l		98
52) Toluene	10.39	92	104391	27.106	ug/l		99
67) Ethyl Benzene	11.74	91	30161	5.957	ug/l		97
68) m/p-Xylenes	11.84	106	58404	29.187	ug/l		100
69) o-Xylene	12.17	106	39581	20.755	ug/l		100
73) Isopropylbenzene	12.47	105	16716	5.429	ug/l		90
78) n-propylbenzene	12.81	91	14465	4.038	ug/l		93
80) 1,3,5-Trimethylbenzene	12.95	105	29692	11.440	ug/l		98
83) tert-Butylbenzene	13.21	119	95387	41.076	ug/l		96
84) 1,2,4-Trimethylbenzene	13.26	105	71861	27.361	ug/l		100
85) sec-Butylbenzene	13.39	105	10064	3.068	ug/l		78
86) p-Isopropyltoluene	13.51	119	23160	7.805	ug/l		95
89) n-Butylbenzene	13.83	91	9364	3.451	ug/l	#	69
95) Naphthalene	15.38	128	142104	82.933	ug/l		95

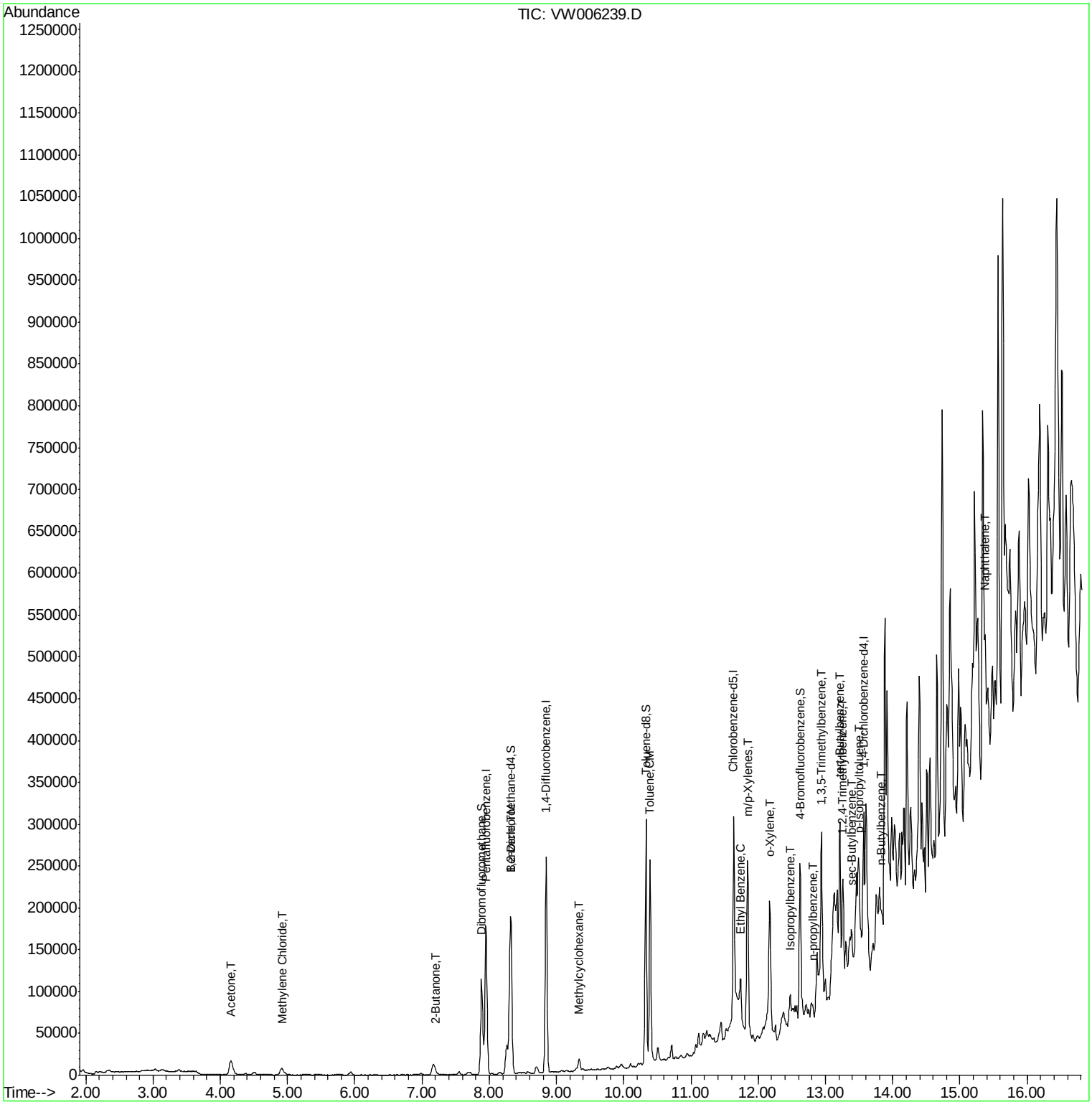
(#) = qualifier out of range (m) = manual integration (+) = signals summed

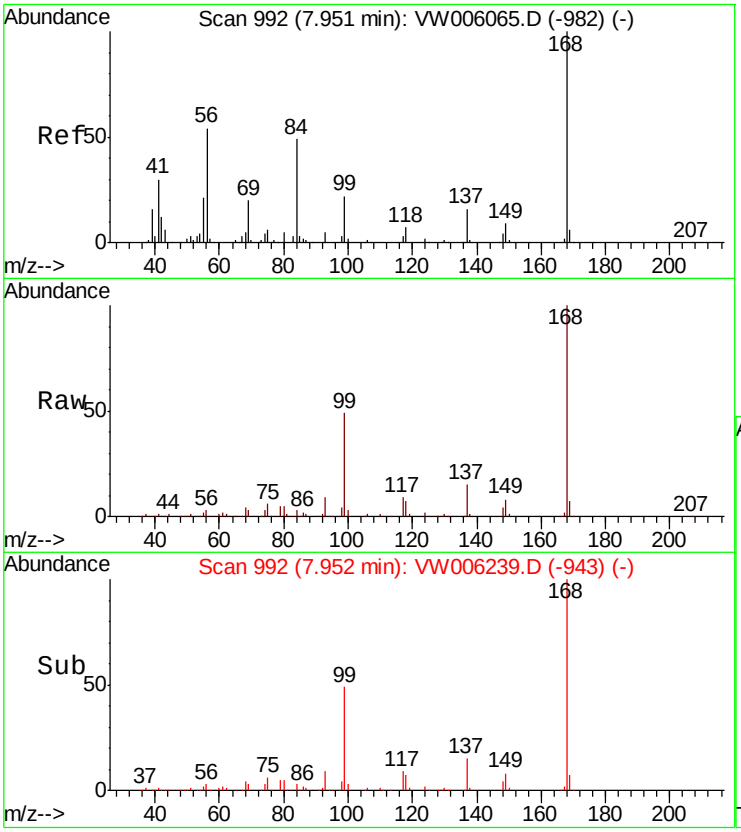
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
Data File : VW006239.D
Acq On : 19 Oct 2018 21:21
Operator : VA/AP
Sample : J5604-03
Misc : 4.98G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MS-VB-25868-BOX-1

Quant Time: Oct 20 03:42:48 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



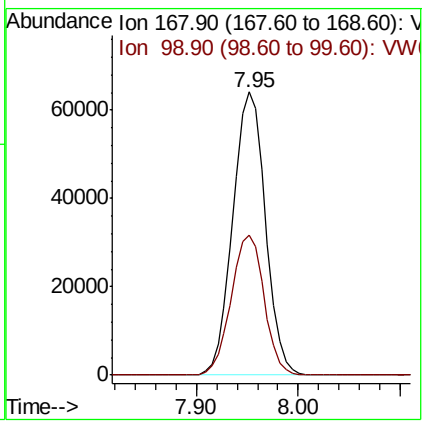


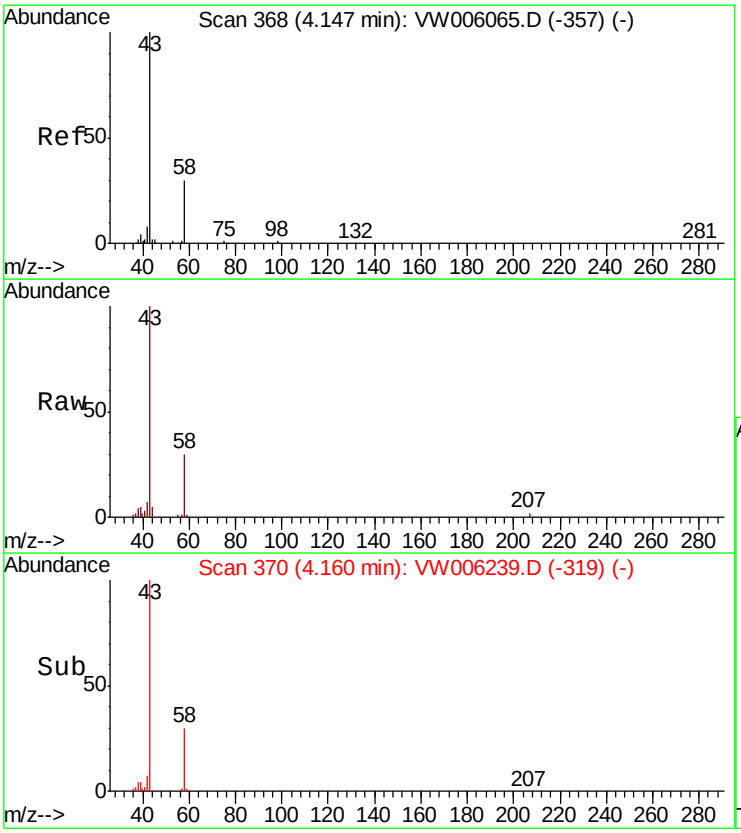
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Instrument :
MSVOA_W
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion:168 Resp: 141936

Ion	Ratio	Lower	Upper
168	100		
99	49.4	39.9	59.9

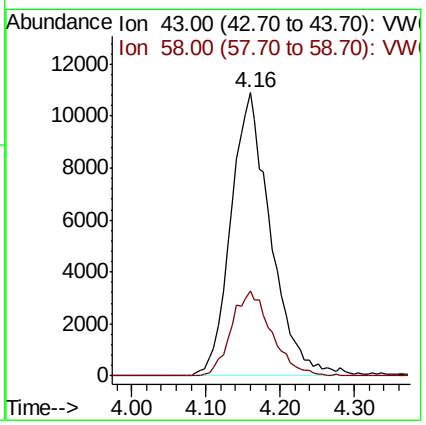


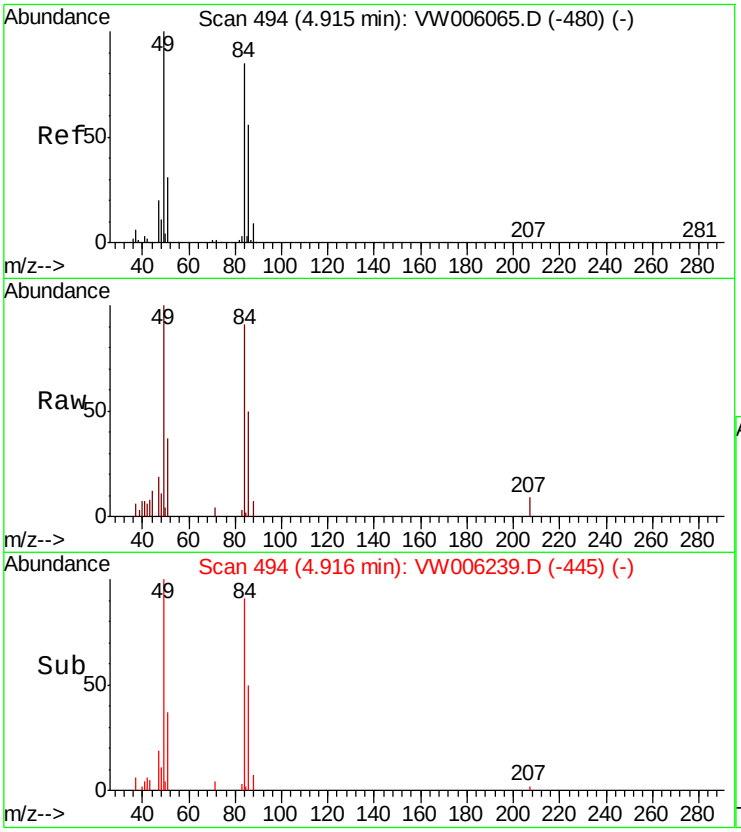


#16
Acetone
Concen: 179.917 ug/l
RT: 4.16 min Scan# 370
Delta R.T. 0.01 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Tgt Ion: 43 Resp: 40635

Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.0	36.0



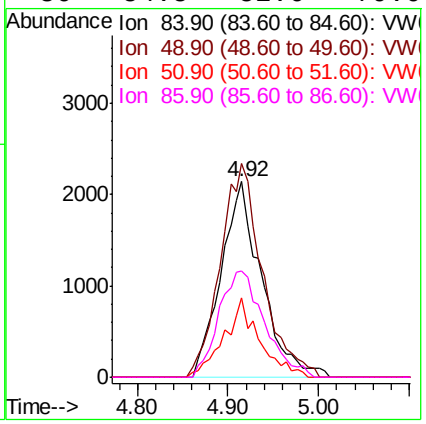


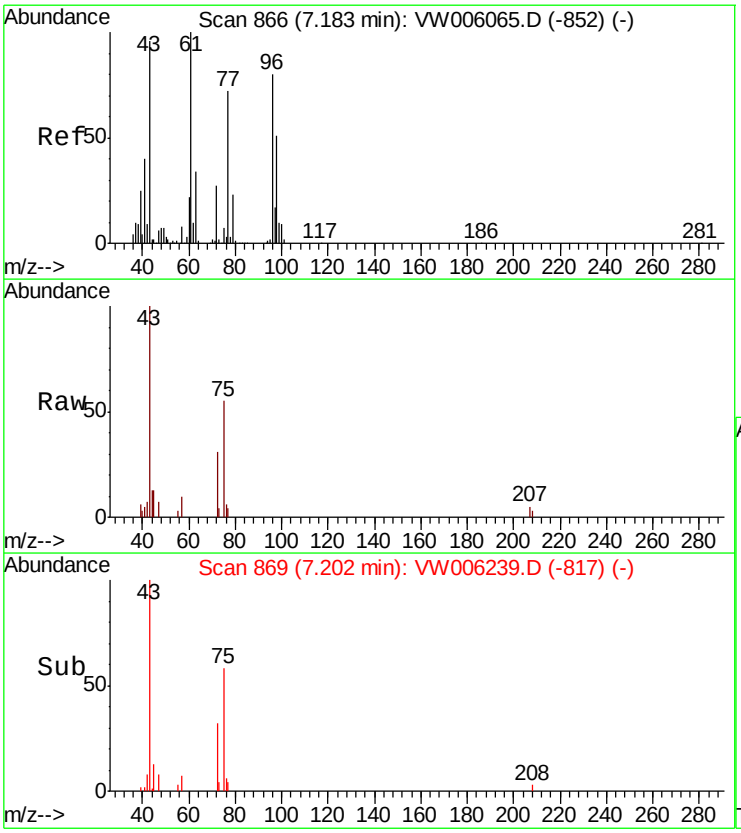
#20
Methylene Chloride
Concen: 3.835 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Instrument :
MSVOA_W
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion: 84 Resp: 6646

Ion	Ratio	Lower	Upper
84	100		
49	109.4	93.6	140.4
51	40.4	29.0	43.4
86	54.5	52.6	79.0

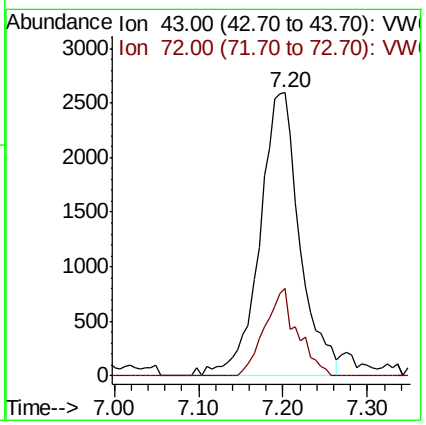


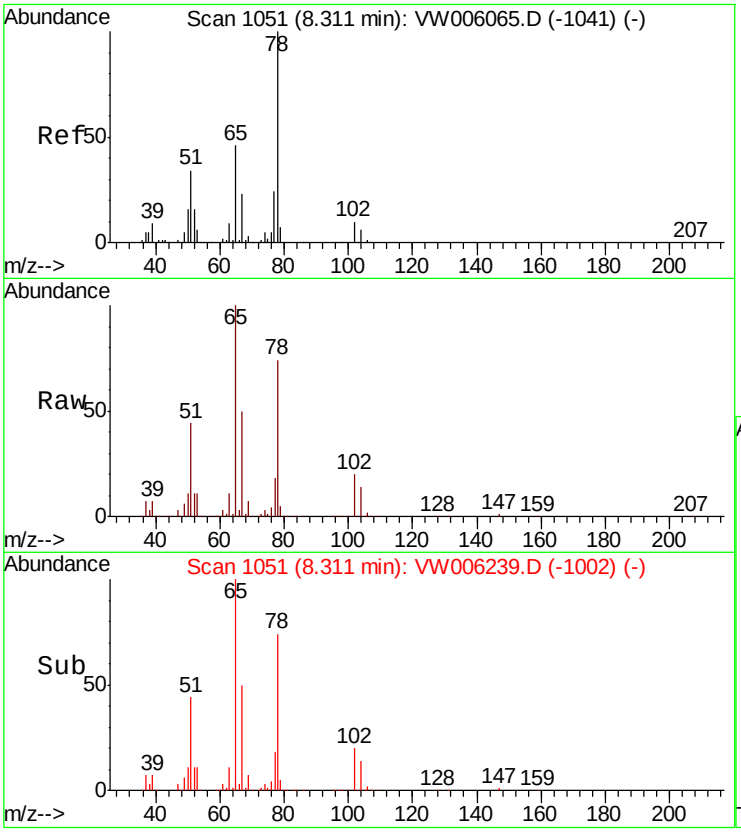


#25
2-Butanone
Concen: 26.827 ug/l
RT: 7.20 min Scan# 869
Delta R.T. 0.02 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Tgt Ion: 43 Resp: 8528

Ion	Ratio	Lower	Upper
43	100		
72	31.0	22.8	34.2



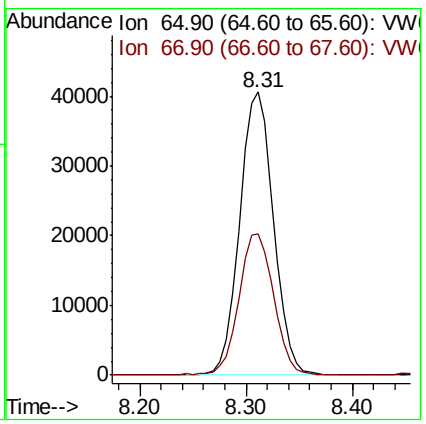


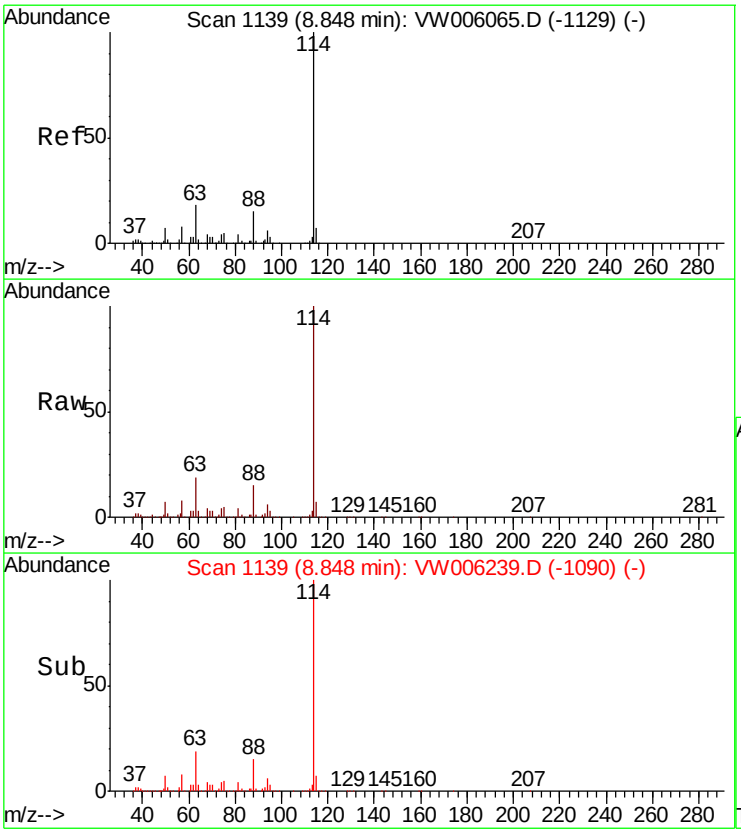
#33
1,2-Dichloroethane-d4
Concen: 76.994 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Instrument :
MSVOA_W
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion: 65 Resp: 90601

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	101.0

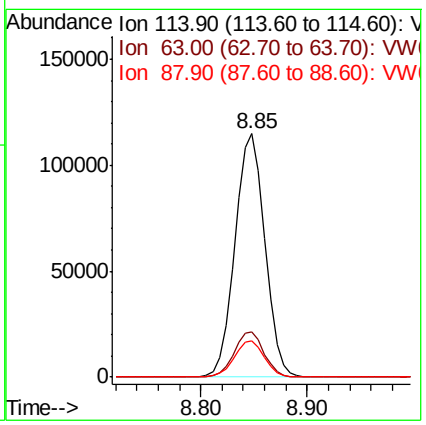


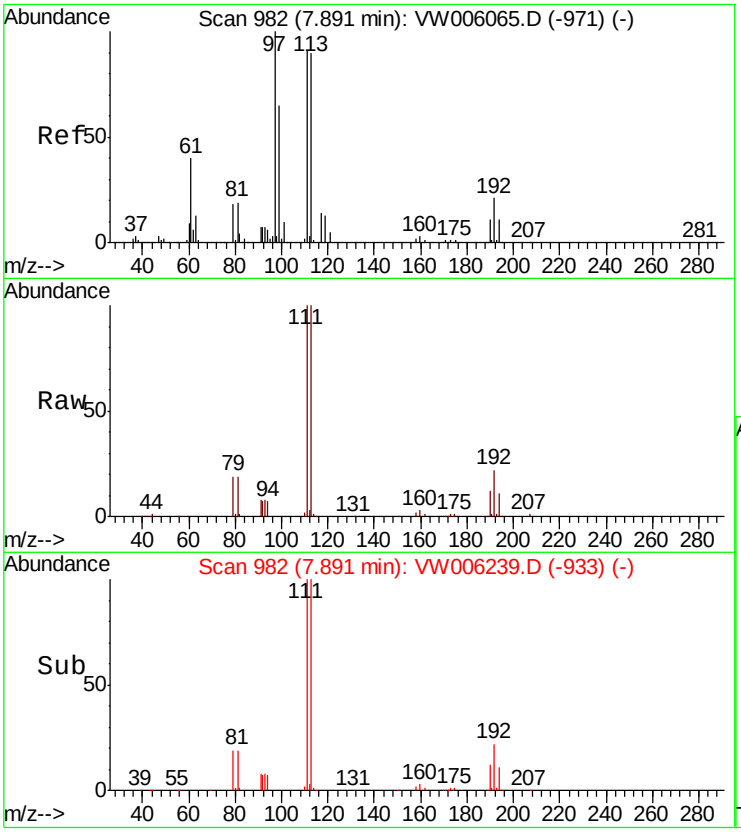


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Tgt Ion:114 Resp: 227200

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.8
88	14.6	0.0	29.0



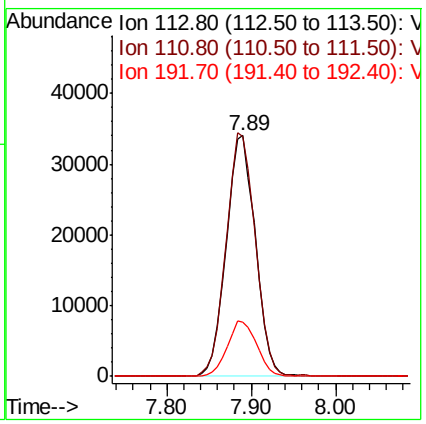


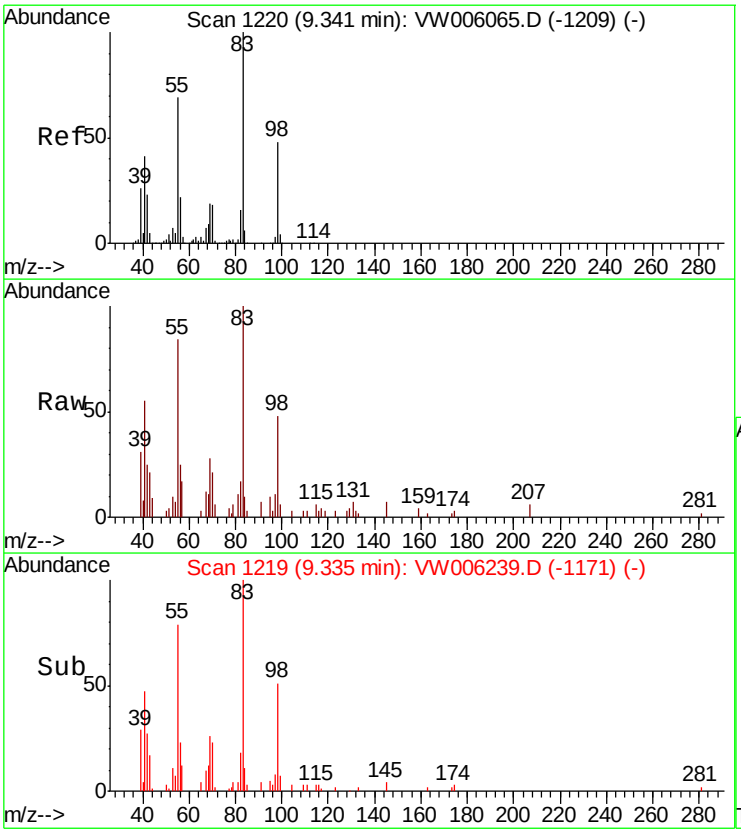
#35
Dibromofluoromethane
Concen: 59.386 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Instrument :
MSVOA_W
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion:113 Resp: 79727

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.0
192	22.9	18.7	28.1

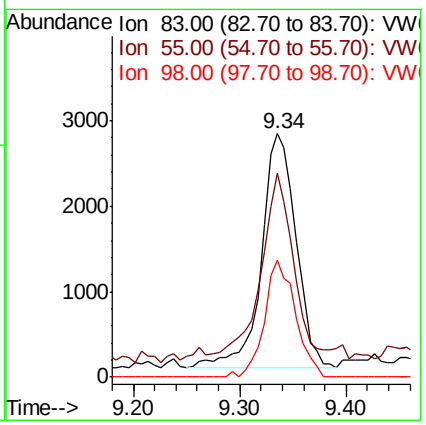


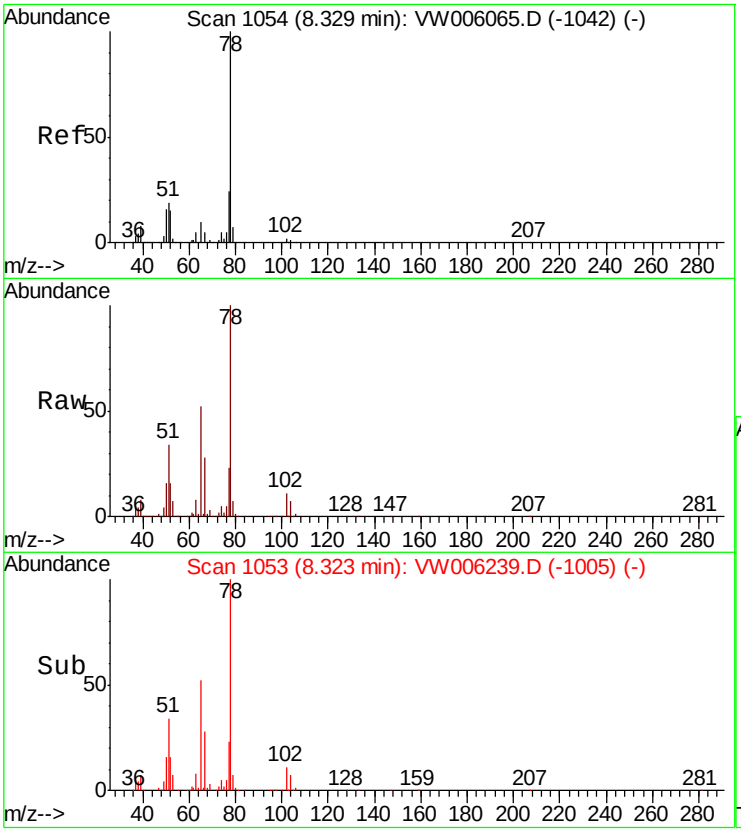


#39
Methylcyclohexane
Concen: 2.240 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Tgt Ion: 83 Resp: 6236

Ion	Ratio	Lower	Upper
83	100		
55	78.4	55.0	82.6
98	50.0	38.6	57.8



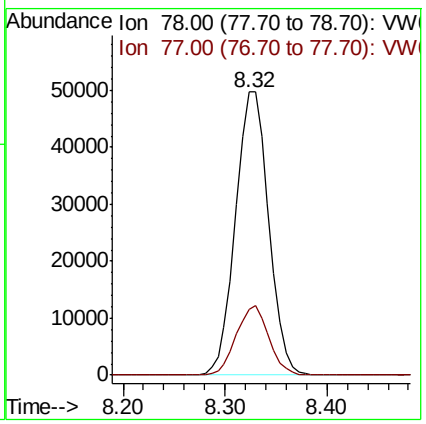


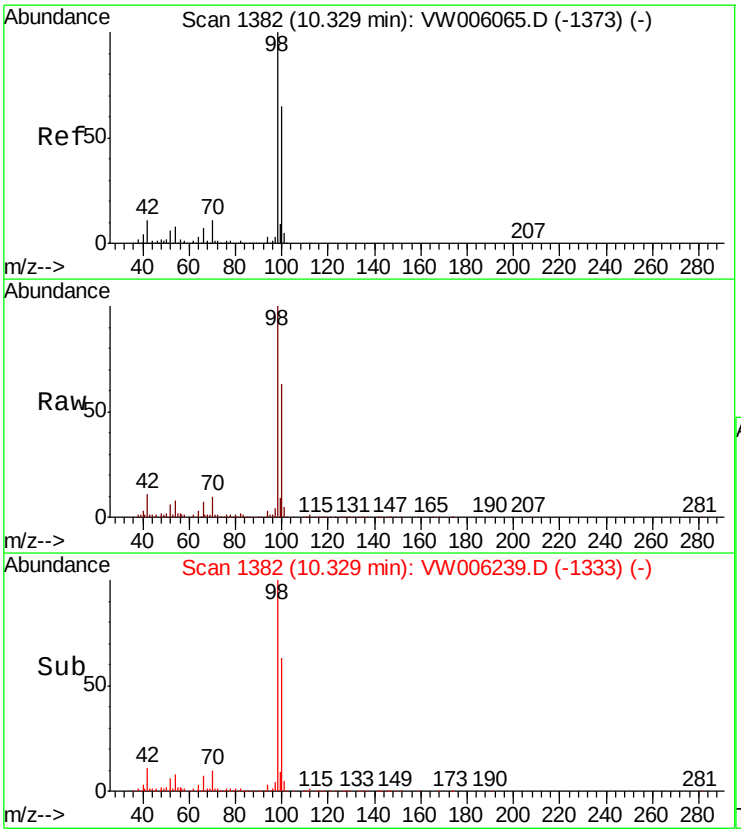
#40
Benzene
Concen: 19.534 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Instrument :
MSVOA_W
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion: 78 Resp: 112212

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.0

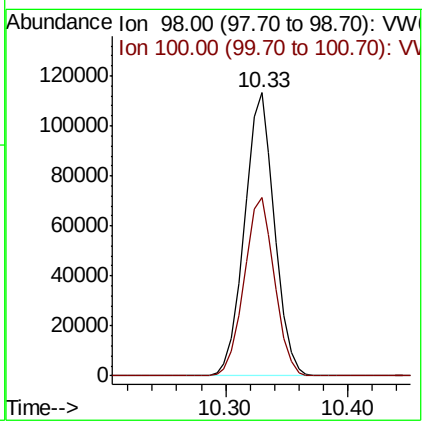


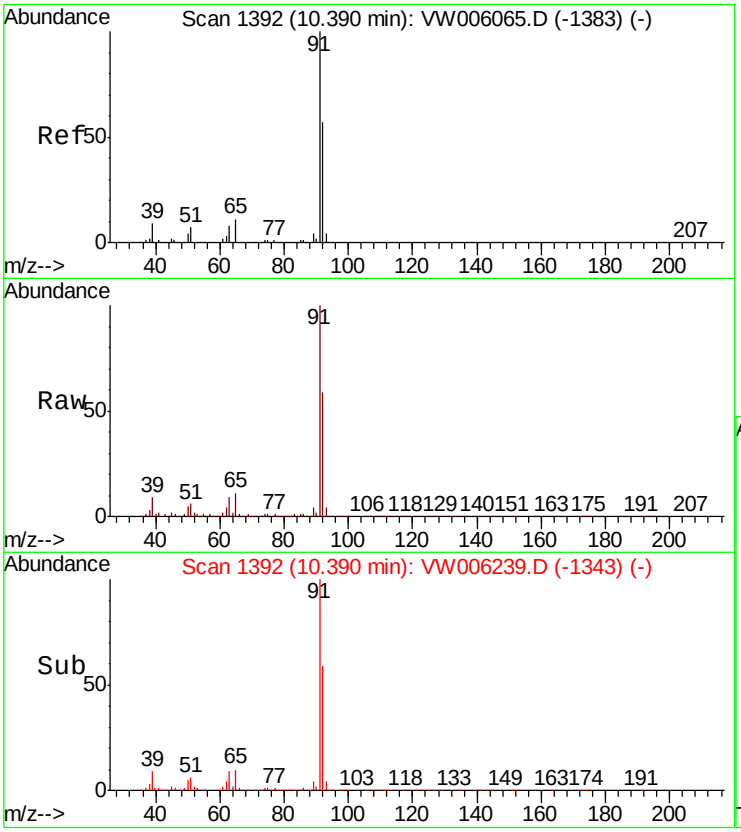


#50
Toluene-d8
Concen: 37.729 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Tgt Ion: 98 Resp: 192703

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.6	77.4



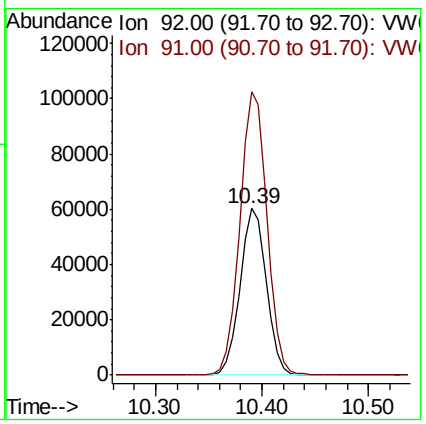


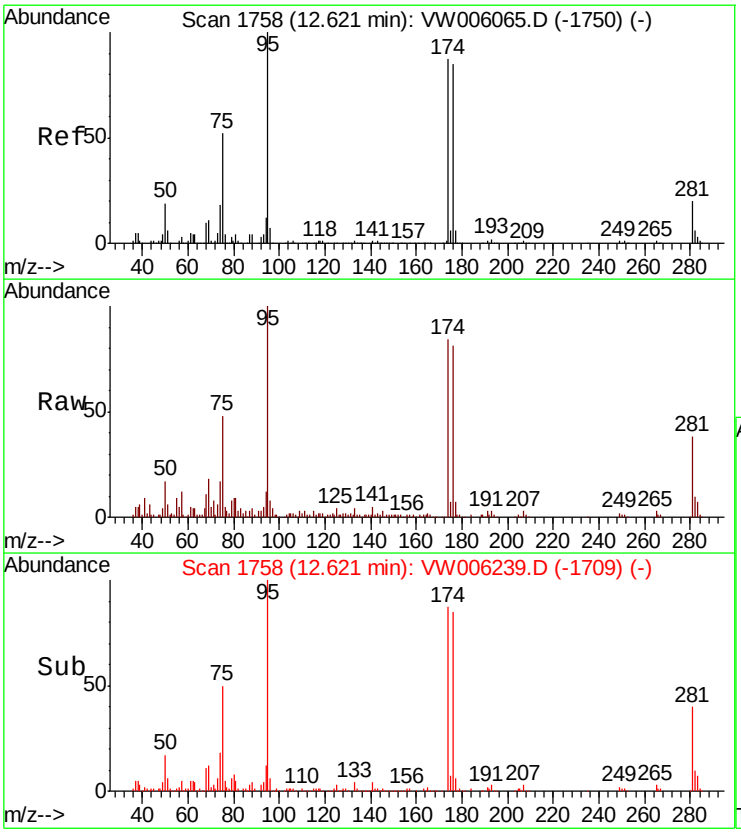
#52
Toluene
Concen: 27.106 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Instrument :
MSVOA_W
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion: 92 Resp: 104391

Ion	Ratio	Lower	Upper
92	100		
91	173.8	140.0	210.0

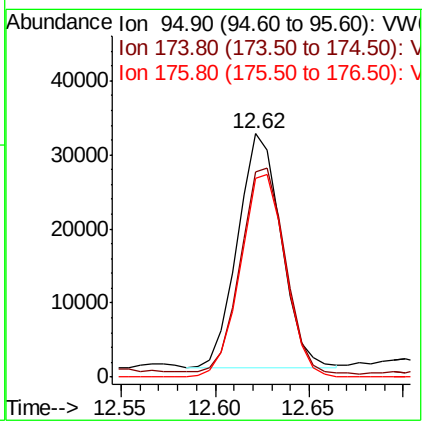


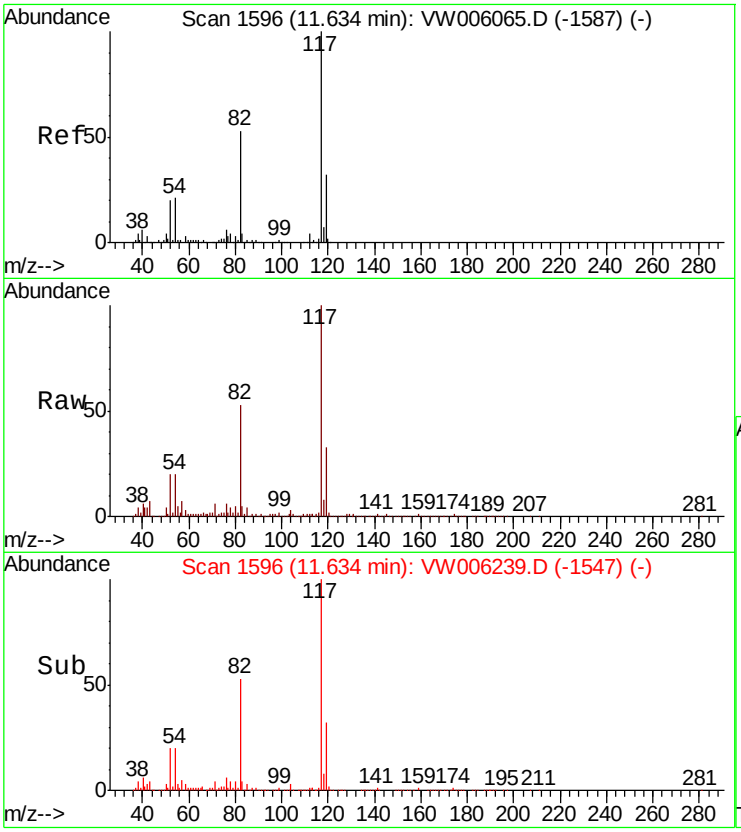


#62
4-Bromofluorobenzene
Concen: 26.465 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Tgt Ion: 95 Resp: 50770

Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	186.0
176	89.4	0.0	181.6



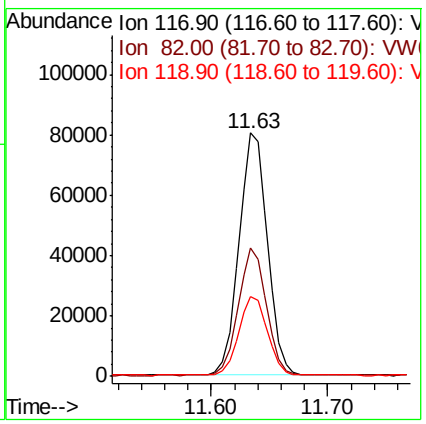


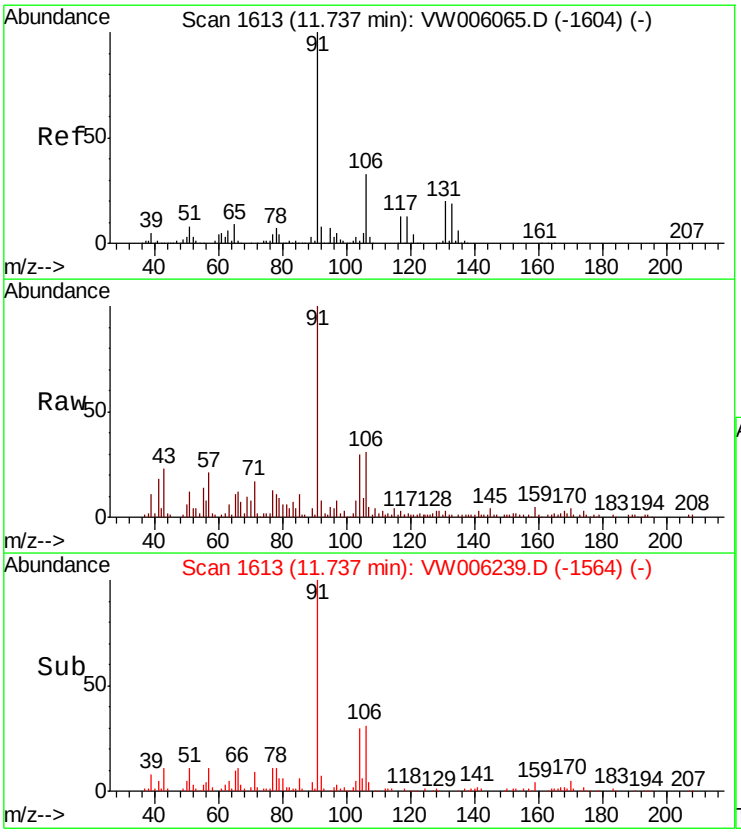
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Instrument : MSVOA_W
ClientSampleId : MS-VB-25868-BOX-1

Tgt Ion:117 Resp: 136464

Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.1	63.1
119	32.2	25.8	38.6

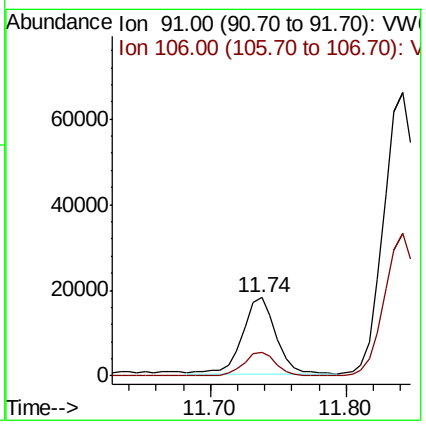


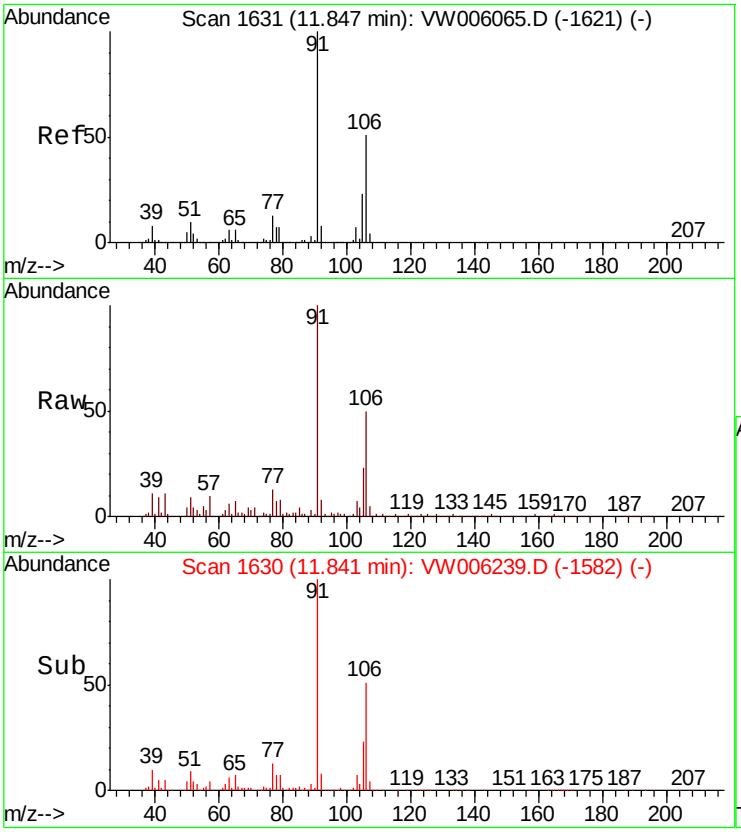


#67
Ethyl Benzene
Concen: 5.957 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Tgt Ion: 91 Resp: 30161

Ion	Ratio	Lower	Upper
91	100		
106	31.0	26.1	39.1



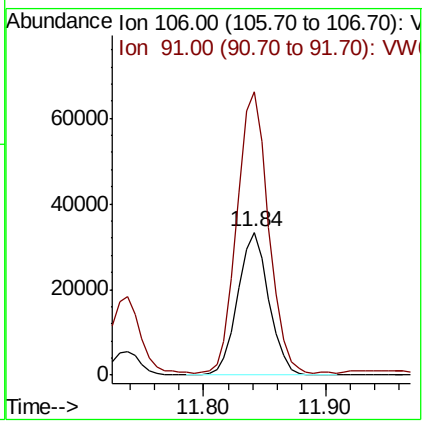


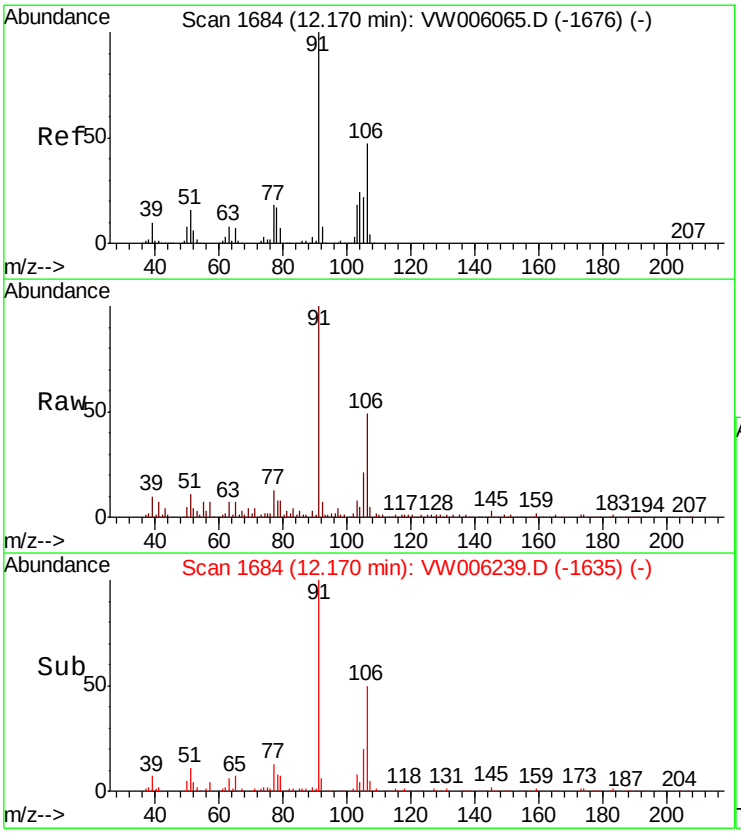
#68
m/p-Xylenes
Concen: 29.187 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Instrument :
MSVOA_W
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion:106 Resp: 58404

Ion	Ratio	Lower	Upper
106	100		
91	199.4	159.1	238.7

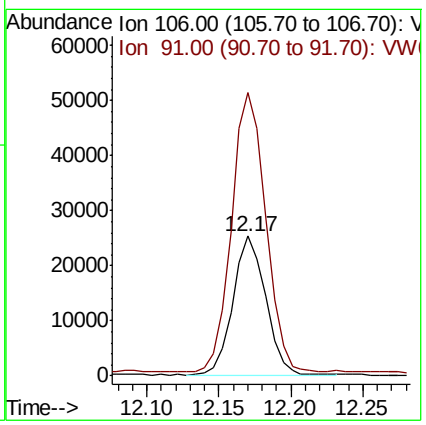


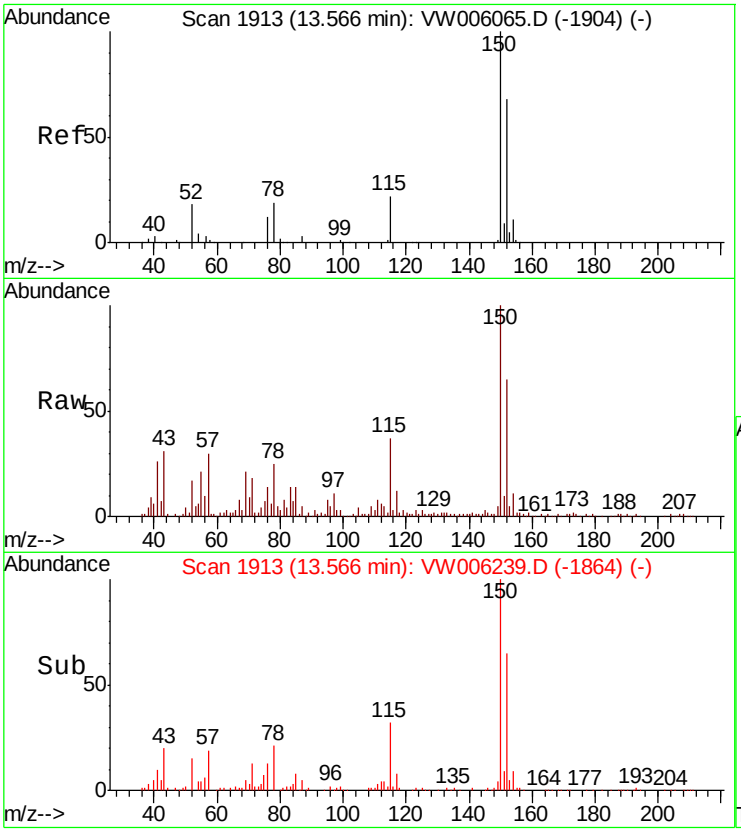


#69
o-Xylene
Concen: 20.755 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Tgt Ion:106 Resp: 39581

Ion	Ratio	Lower	Upper
106	100		
91	210.5	105.4	316.1



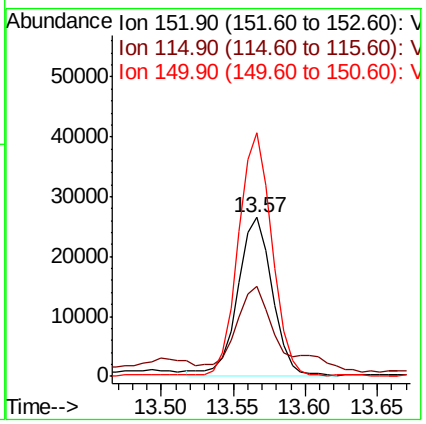


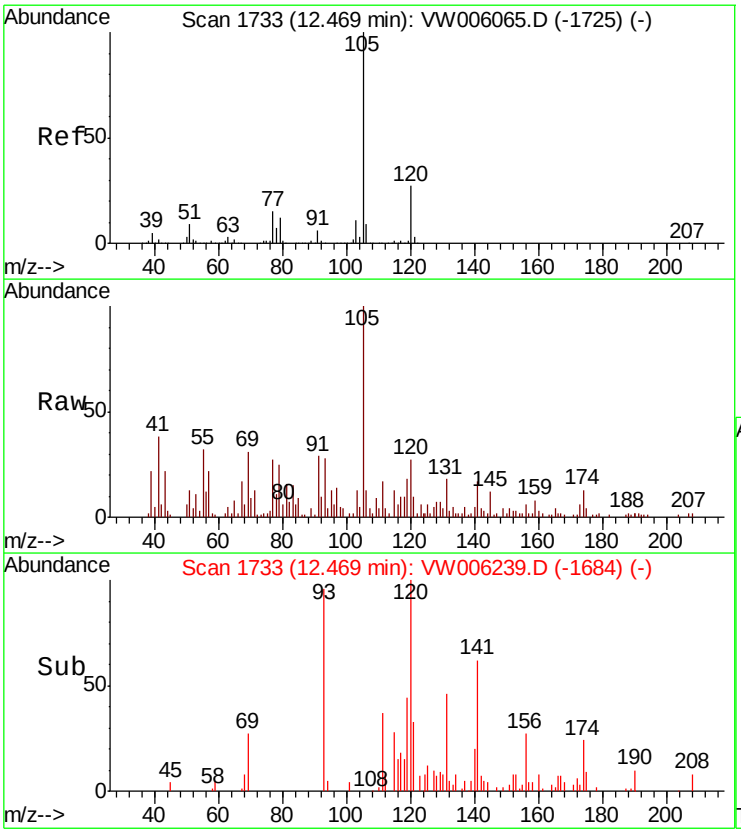
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Instrument : MSVOA_W
ClientSampleId : MS-VB-25868-BOX-1

Tgt Ion:152 Resp: 43580

Ion	Ratio	Lower	Upper
152	100		
115	67.5	27.8	83.3
150	148.9	0.0	349.2

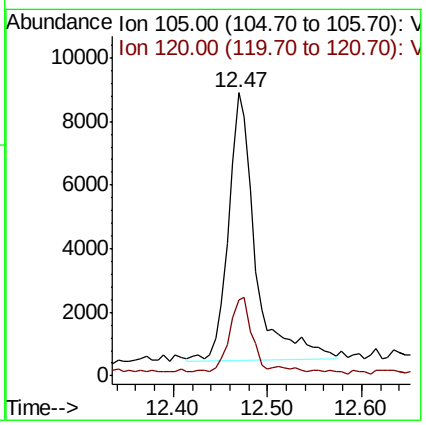


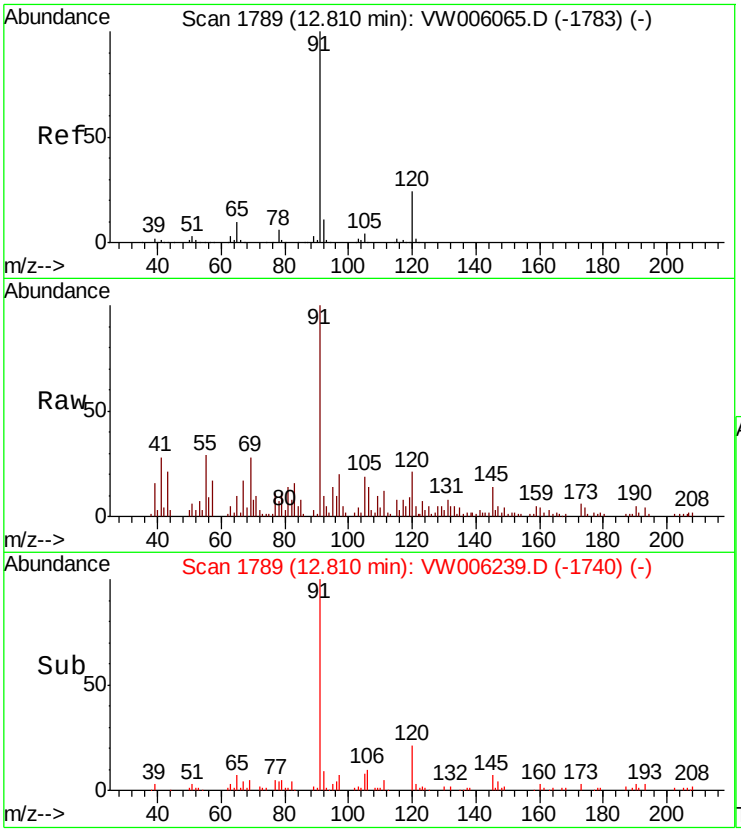


#73
Isopropylbenzene
Concen: 5.429 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Tgt Ion:105 Resp: 16716

Ion	Ratio	Lower	Upper
105	100		
120	22.0	13.6	40.7



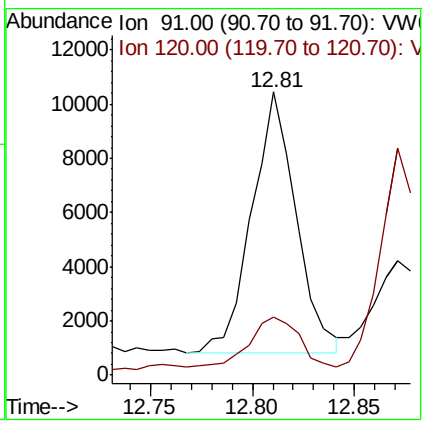


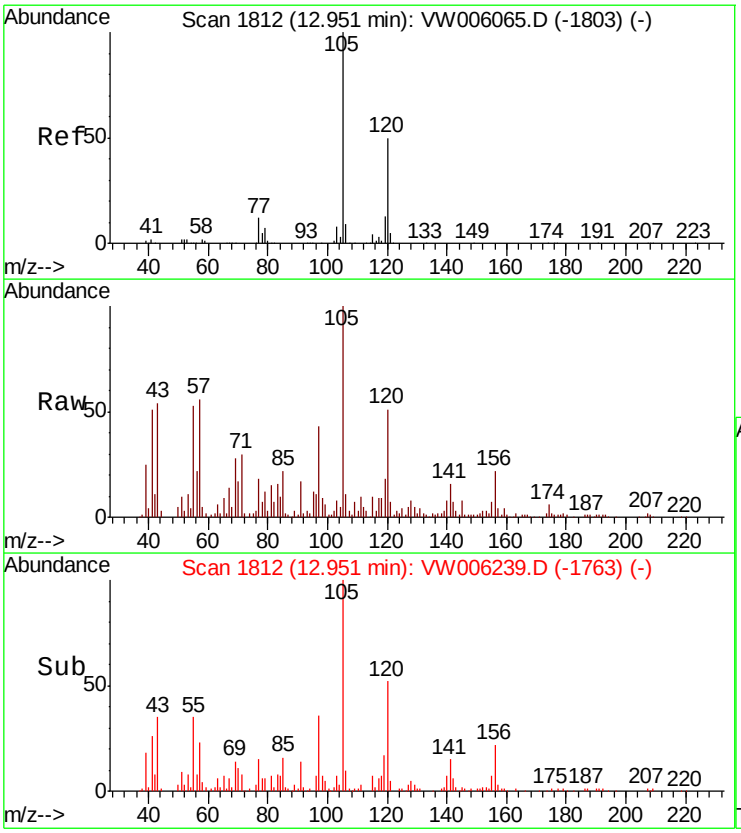
#78
n-propylbenzene
Concen: 4.038 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Instrument :
MSVOA_W
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion: 91 Resp: 14465

Ion	Ratio	Lower	Upper
91	100		
120	21.0	12.2	36.6

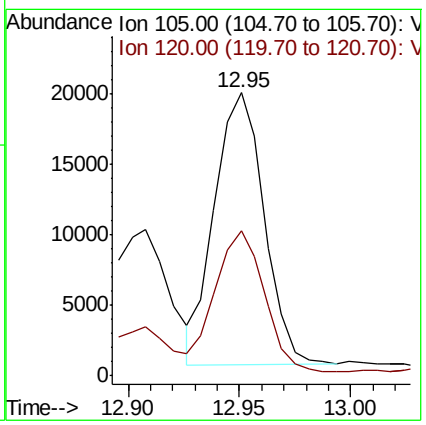


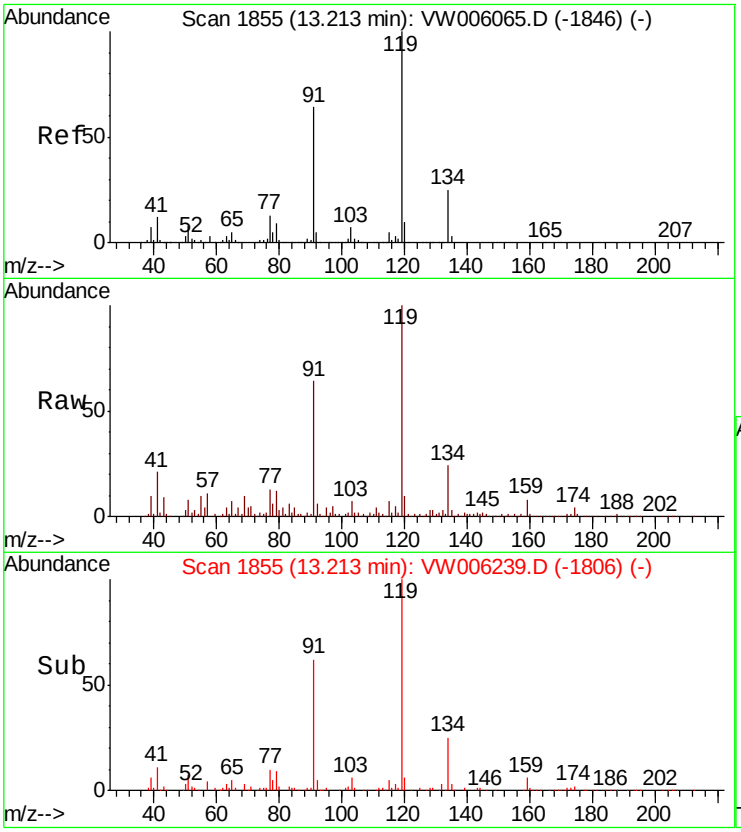


#80
1,3,5-Trimethylbenzene
Concen: 11.440 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Tgt Ion:105 Resp: 29692

Ion	Ratio	Lower	Upper
105	100		
120	51.3	24.9	74.6



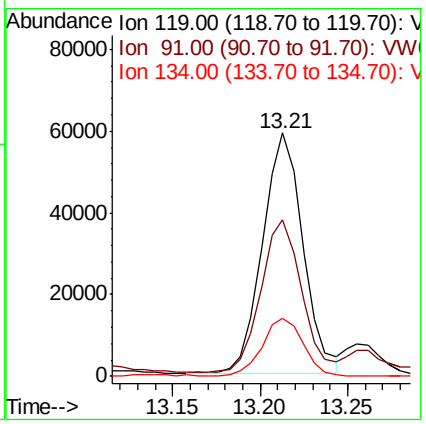


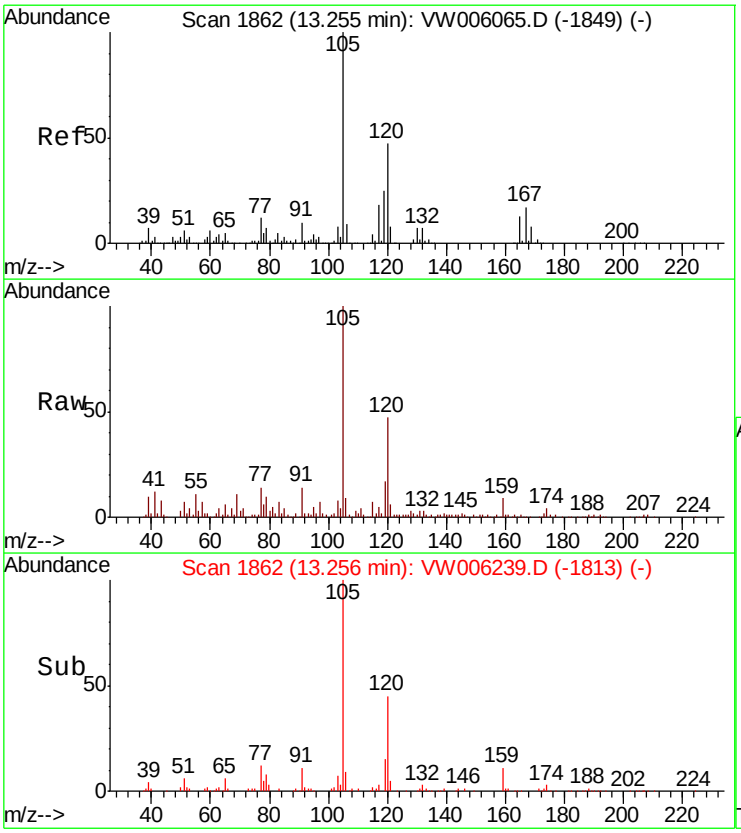
#83
tert-Butylbenzene
Concen: 41.076 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Instrument :
MSVOA_W
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion:119 Resp: 95387

Ion	Ratio	Lower	Upper
119	100		
91	62.7	32.3	96.9
134	23.8	13.6	40.8

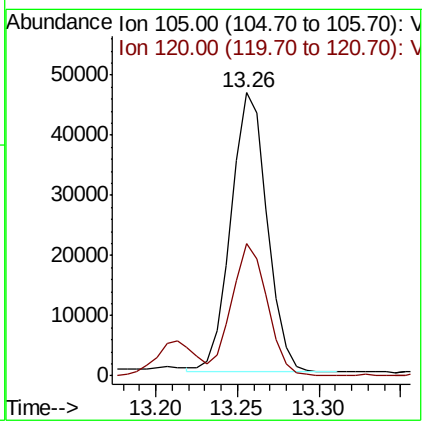


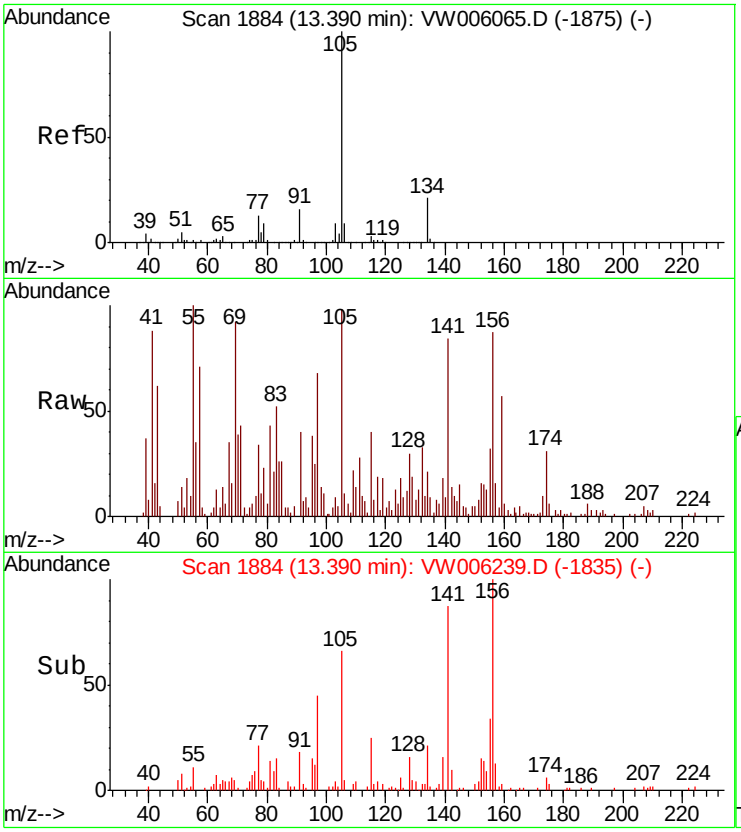


#84
1,2,4-Trimethylbenzene
Concen: 27.361 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Tgt Ion:105 Resp: 71861

Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.3



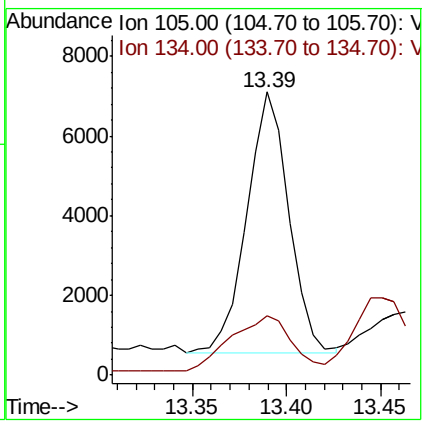


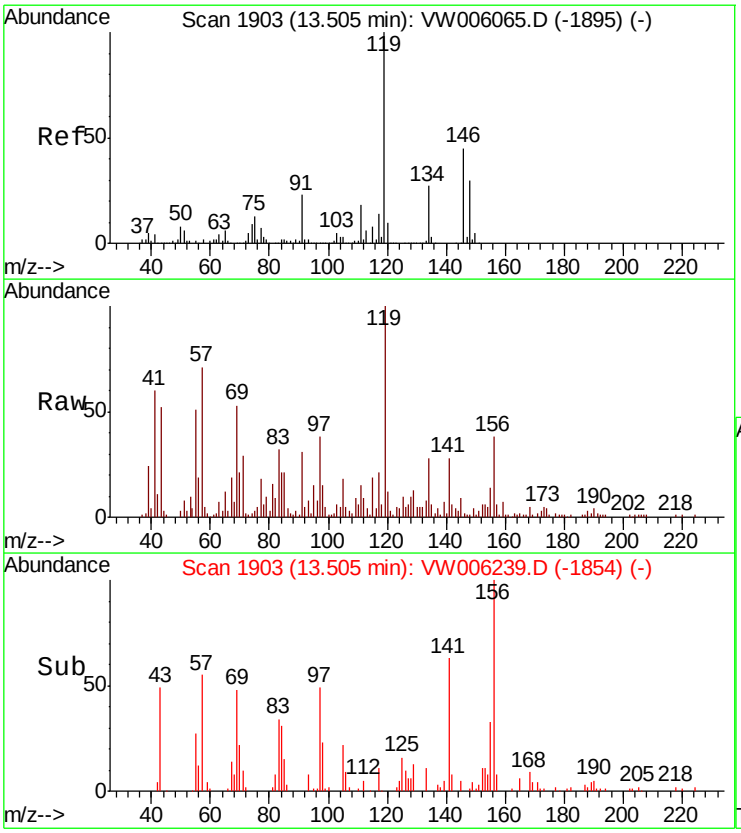
#85
sec-Butylbenzene
Concen: 3.068 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Instrument :
MSVOA_W
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion:105 Resp: 10064

Ion	Ratio	Lower	Upper
105	100		
134	31.3	10.5	31.6

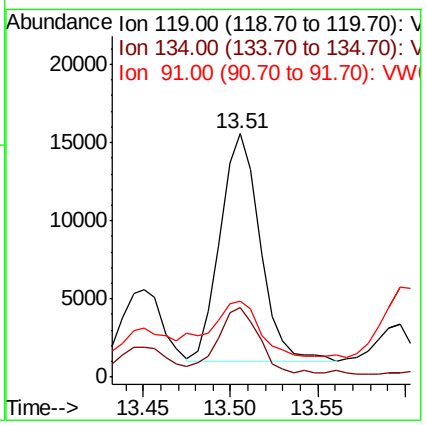


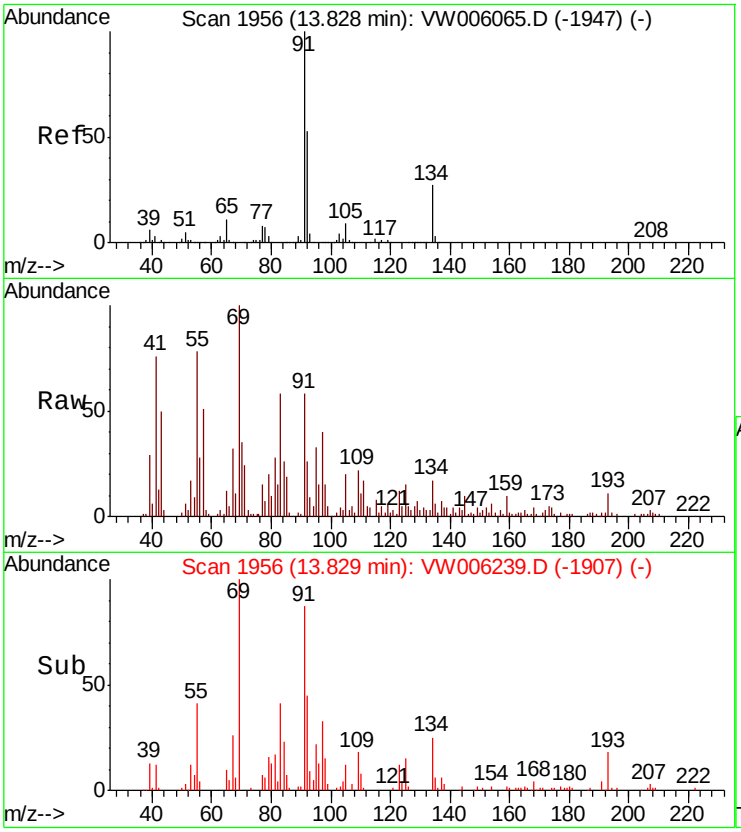


#86
p-Isopropyltoluene
Concen: 7.805 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Tgt Ion:119 Resp: 23160

Ion	Ratio	Lower	Upper
119	100		
134	28.9	13.4	40.2
91	25.9	11.4	34.1



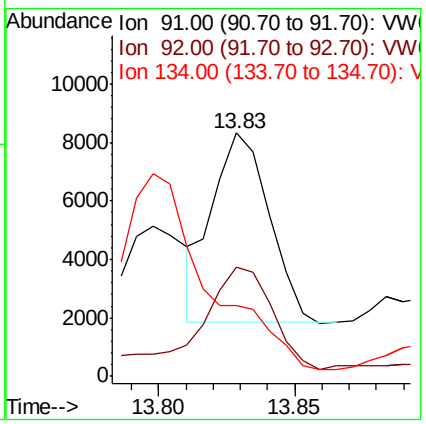


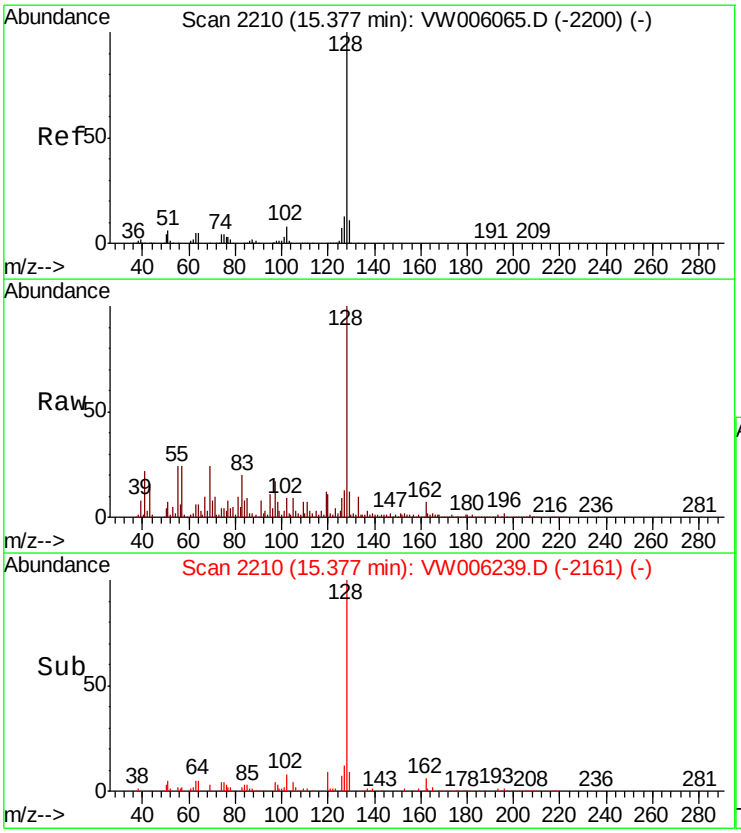
#89
n-Butylbenzene
Concen: 3.451 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Instrument :
MSVOA_W
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion: 91 Resp: 9364

Ion	Ratio	Lower	Upper
91	100		
92	67.0	26.6	79.7
134	0.0	14.0	41.9#





#95
Naphthalene
Concen: 82.933 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006239.D
Acq: 19 Oct 2018 21:21

Tgt Ion:128 Resp: 142104

Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.3	15.5
129	12.8	8.7	13.1