

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012211.D
 Acq On : 27 Aug 2019 14:44
 Operator : SY/VA
 Sample : K4521-07
 Misc : 3.76G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-10

Quant Time: Aug 28 06:01:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	403106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136448	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	144392	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
35) Dibromofluoromethane	7.88	113	120543	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
50) Toluene-d8	10.32	98	496304	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.62	95	163004	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	

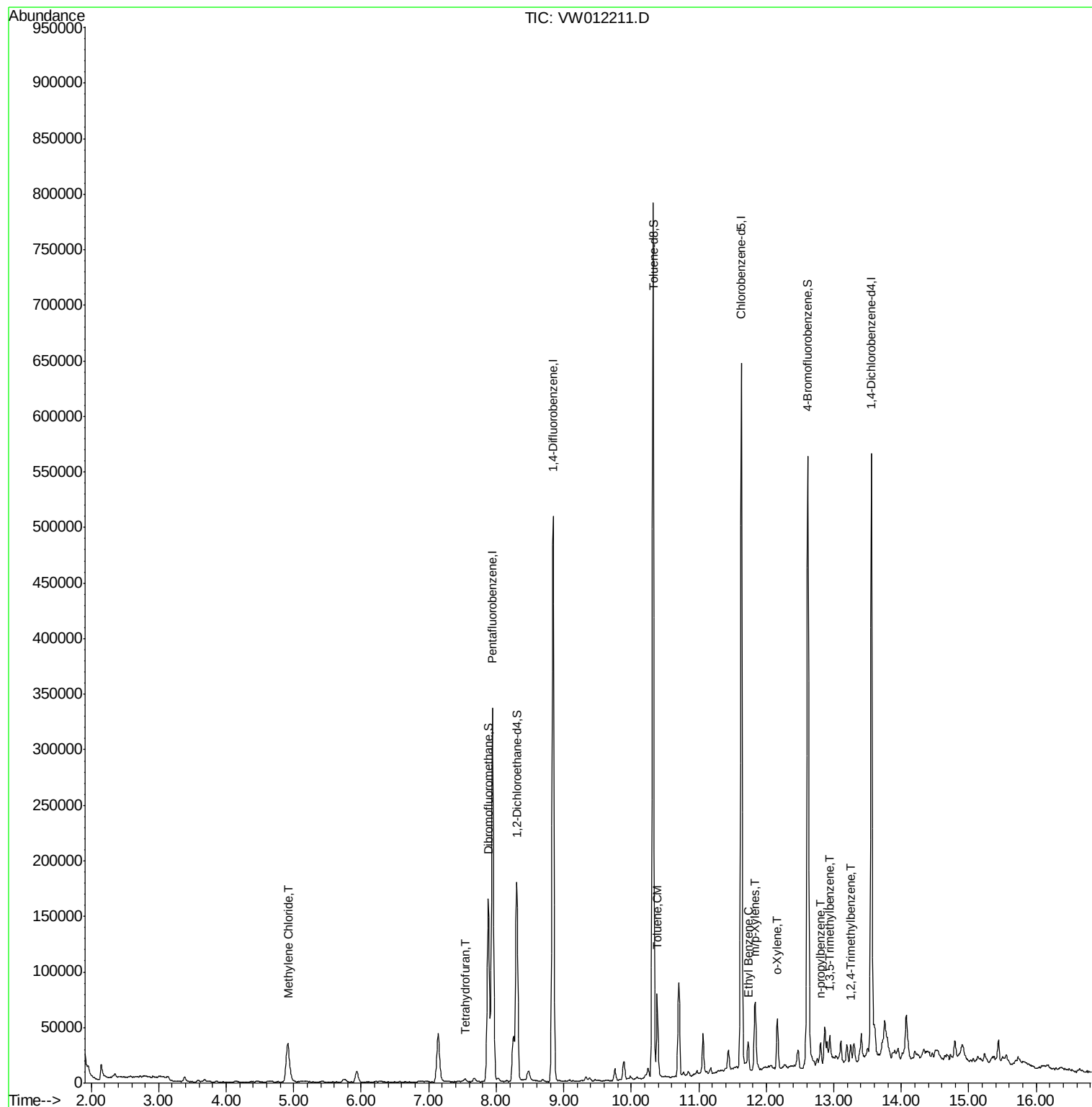
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	26652	9.629	ug/l	95
29) Tetrahydrofuran	7.54	42	2507	4.200	ug/l	96
52) Toluene	10.38	92	30222	4.423	ug/l	99
67) Ethyl Benzene	11.73	91	17426	1.364	ug/l	92
68) m/p-Xylenes	11.83	106	18090	3.931	ug/l	97
69) o-Xylene	12.16	106	11722	2.752	ug/l	91
78) n-propylbenzene	12.80	91	14630	1.172	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	8925	1.045	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	9310	1.085	ug/l	95

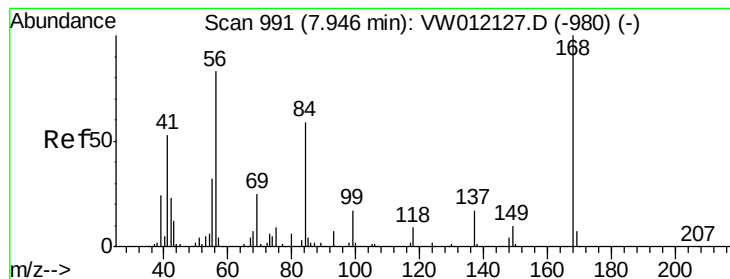
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
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Instrument :
MSVOA_W
ClientSampleId :
PX-10

Quant Time: Aug 28 06:01:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012211.D

Acq: 27 Aug 2019 14:44

Instrument :

MSVOA_W

ClientSampled :

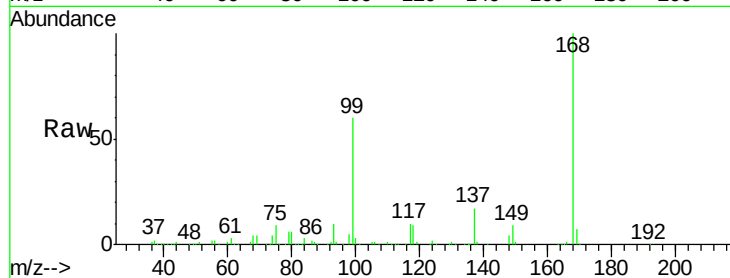
PX-10

Tot Ion:168 Resp: 240938

Ion Ratio Lower Upper

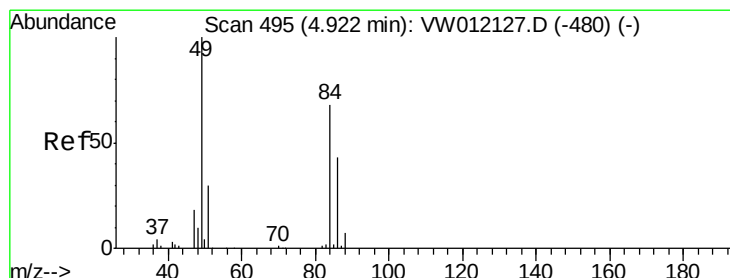
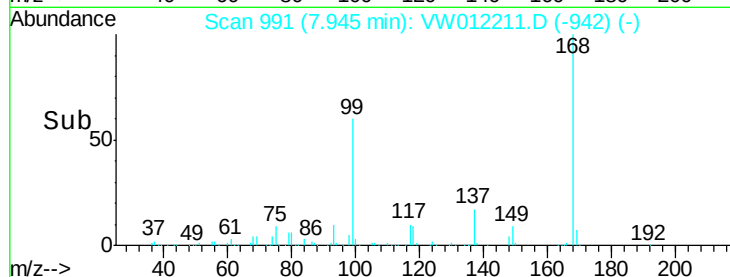
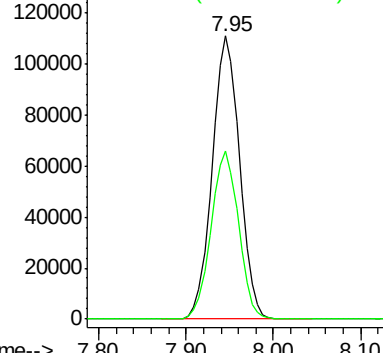
168 100

99 59.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 9.629 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012211.D

Acq: 27 Aug 2019 14:44

Tgt Ion: 84 Resp: 26652

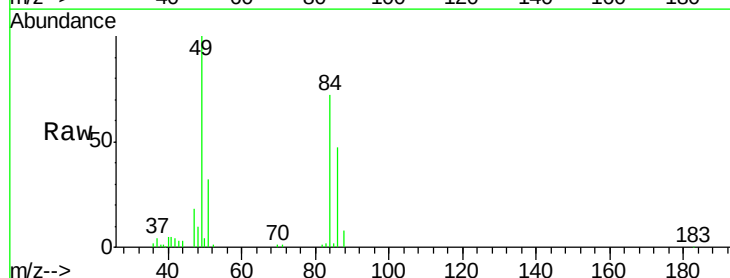
Ion Ratio Lower Upper

84 100

49 137.7 117.8 176.8

51 43.9 35.6 53.4

86 65.0 51.2 76.8

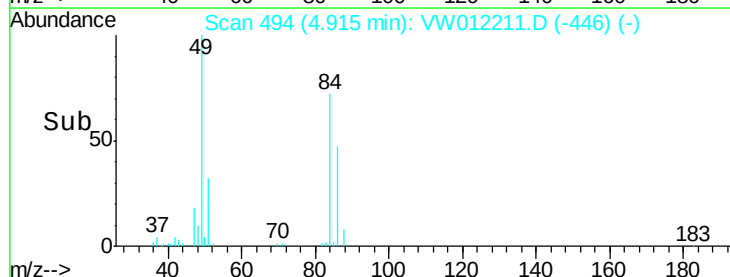
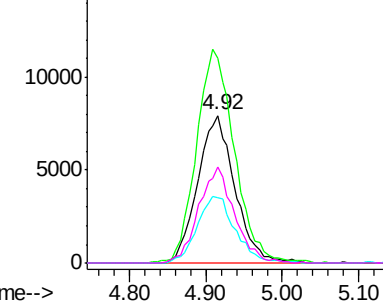


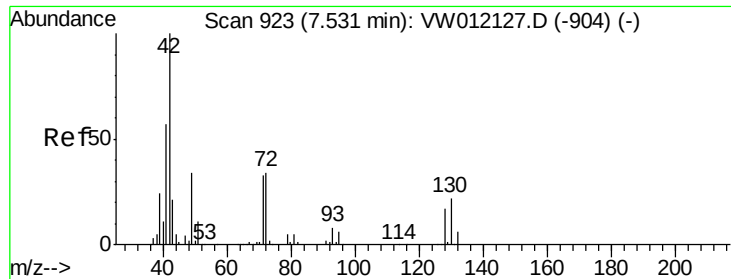
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

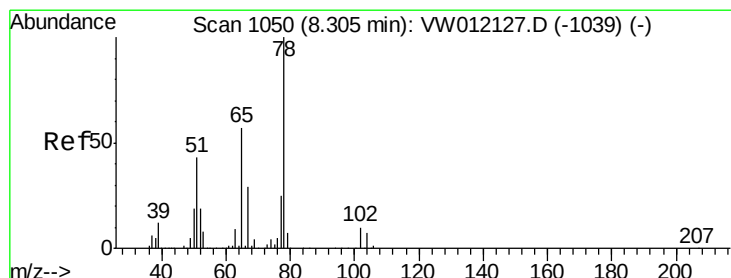
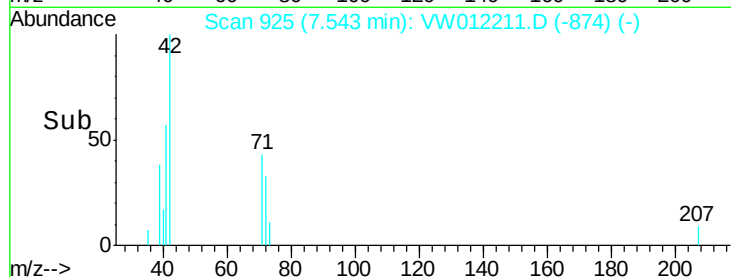
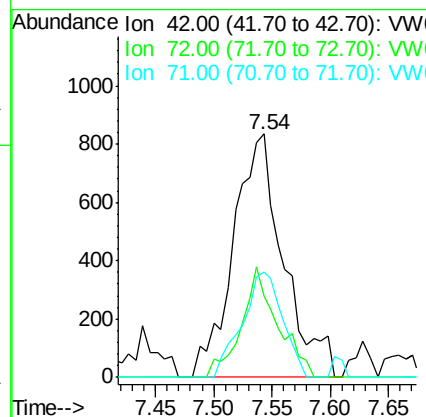
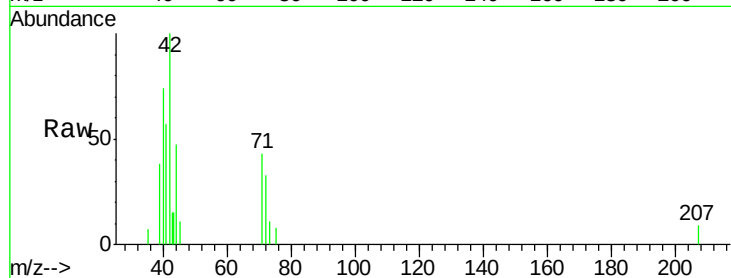




#29
Tetrahydrofuran
Concen: 4.200 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012211.D
Acq: 27 Aug 2019 14:44

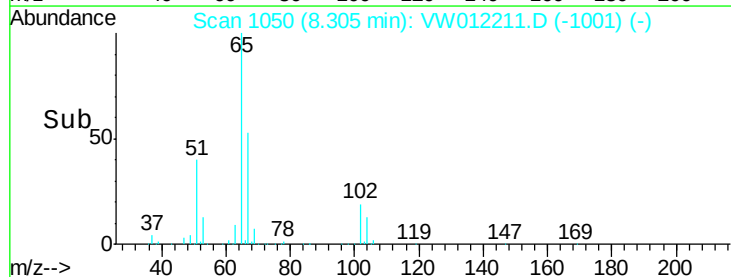
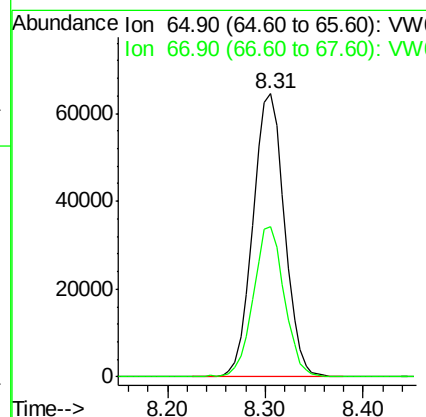
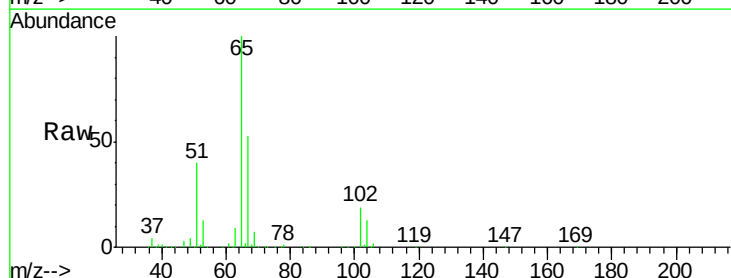
Instrument :
MSVOA_W
ClientSampled :
PX-10

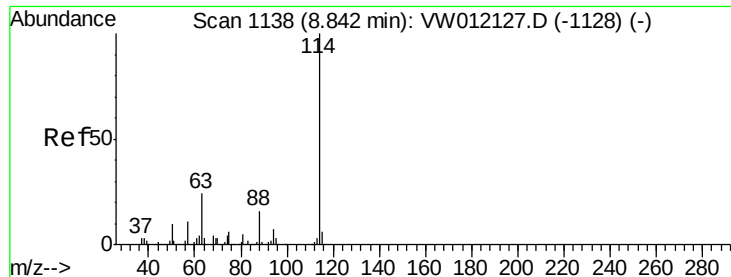
Tot Ion: 42 Resp: 2507
Ion Ratio Lower Upper
42 100
72 32.7 27.3 40.9
71 34.9 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 50.413 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012211.D
Acq: 27 Aug 2019 14:44

Tgt Ion: 65 Resp: 144392
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.6

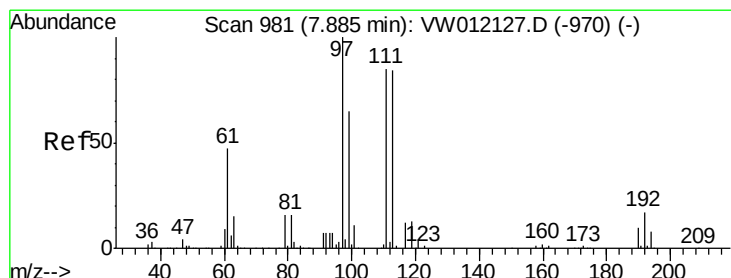
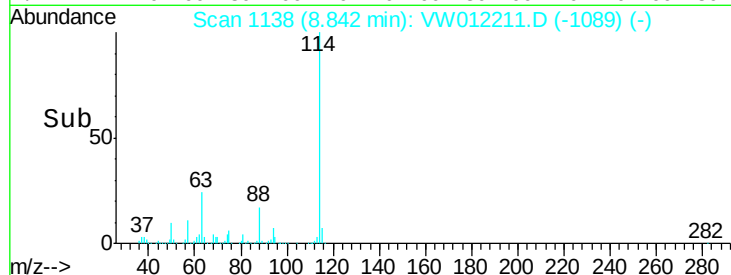
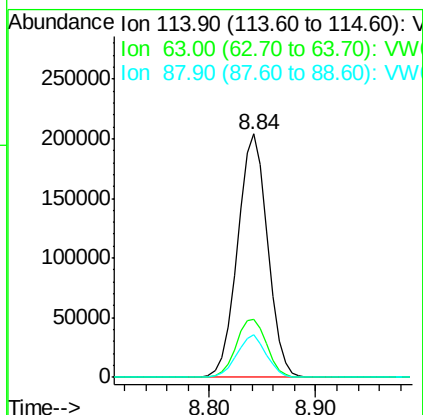
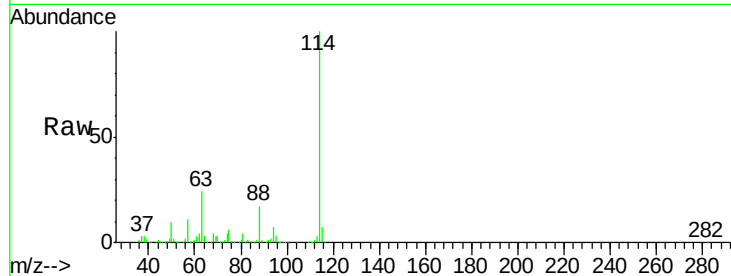




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012211.D
 Acq: 27 Aug 2019 14:44

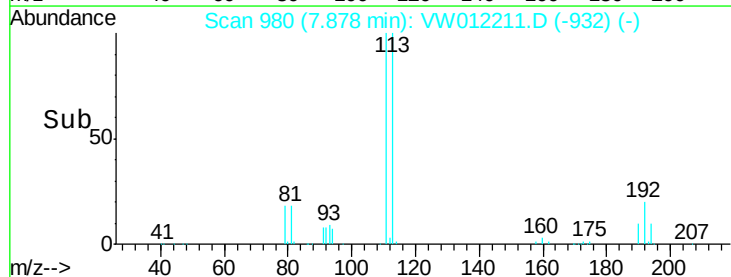
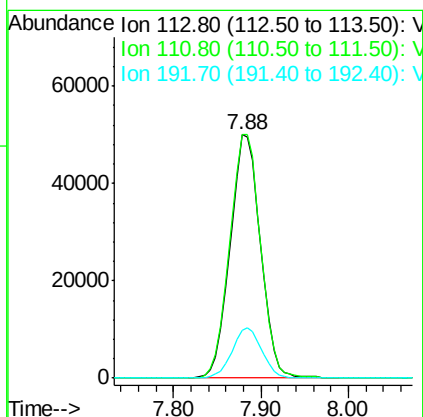
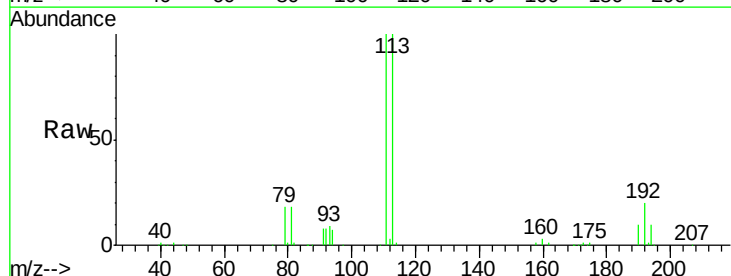
Instrument :
 MSVOA_W
 ClientSampleId :
 PX-10

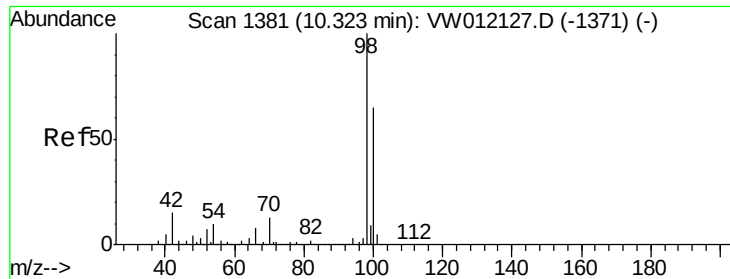
Tot Ion:114 Resp: 403106
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 48.6
 88 17.3 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 50.098 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012211.D
 Acq: 27 Aug 2019 14:44

Tgt Ion:113 Resp: 120543
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.7 124.1
 192 20.3 16.2 24.2

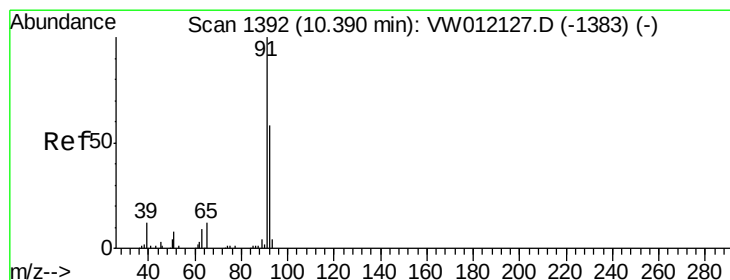
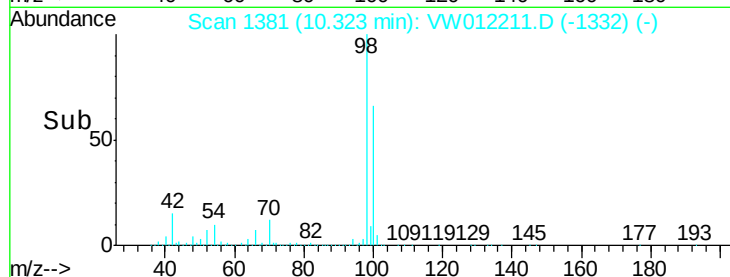
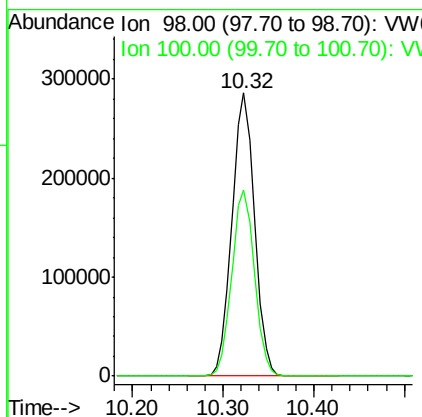
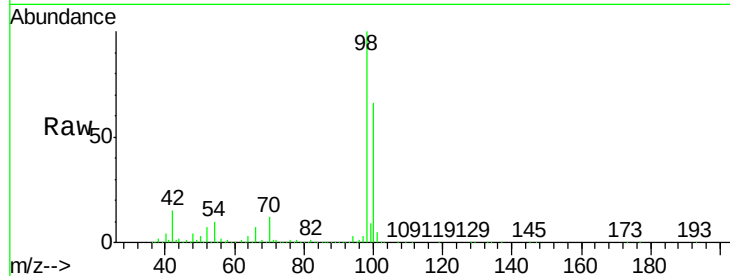




#50
Toluene-d8
Concen: 50.870 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012211.D
Acq: 27 Aug 2019 14:44

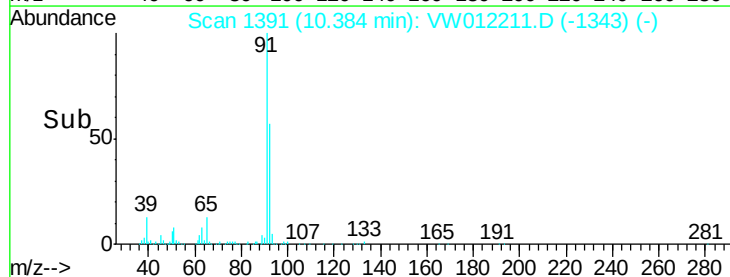
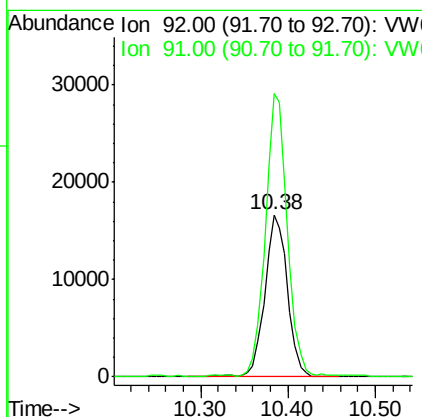
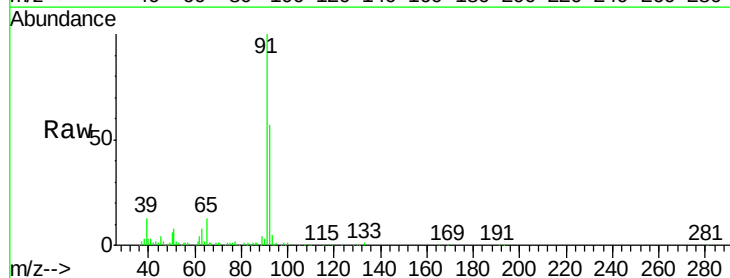
Instrument :
MSVOA_W
ClientSampled :
PX-10

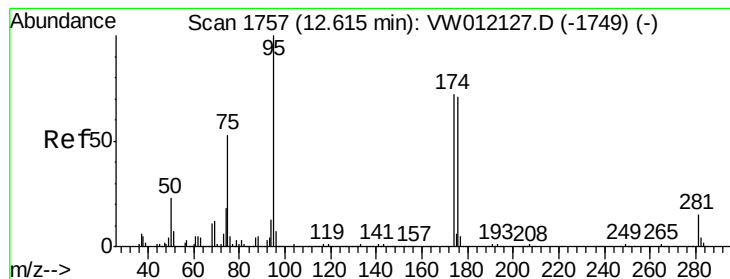
Tot Ion: 98 Resp: 496304
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#52
Toluene
Concen: 4.423 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW012211.D
Acq: 27 Aug 2019 14:44

Tgt Ion: 92 Resp: 30222
Ion Ratio Lower Upper
92 100
91 168.7 136.6 204.8





#62

4-Bromofluorobenzene

Concen: 47.398 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012211.D

Acq: 27 Aug 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

PX-10

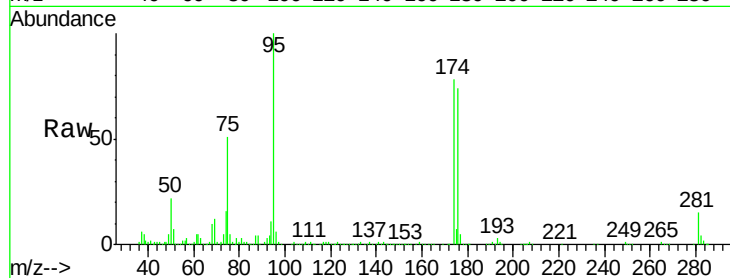
Tot Ion: 95 Resp: 163004

Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.8

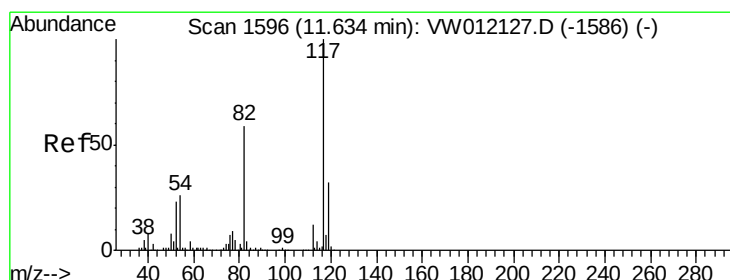
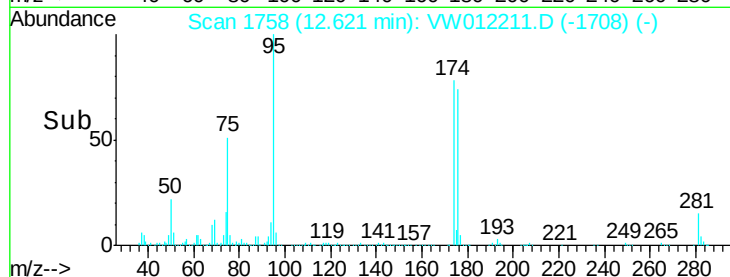
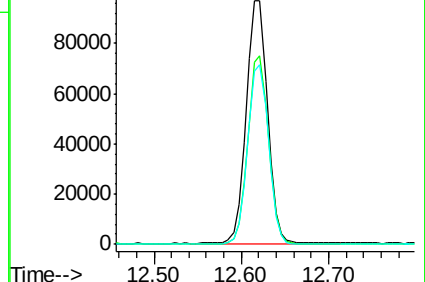
176 72.5 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012211.D

Acq: 27 Aug 2019 14:44

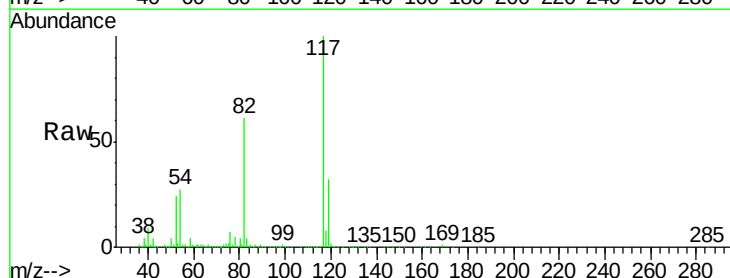
Tgt Ion: 117 Resp: 336768

Ion Ratio Lower Upper

117 100

82 61.0 47.4 71.2

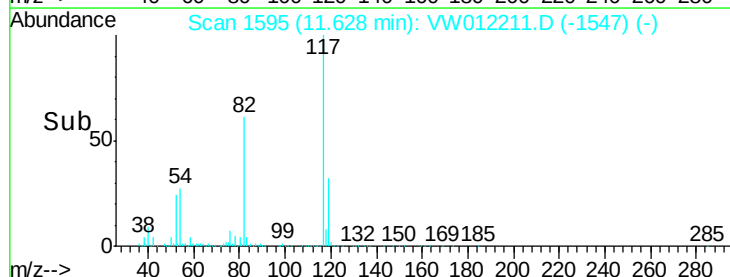
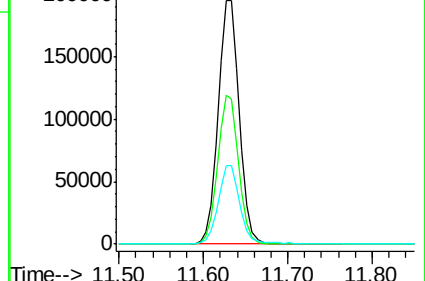
119 32.1 25.4 38.2

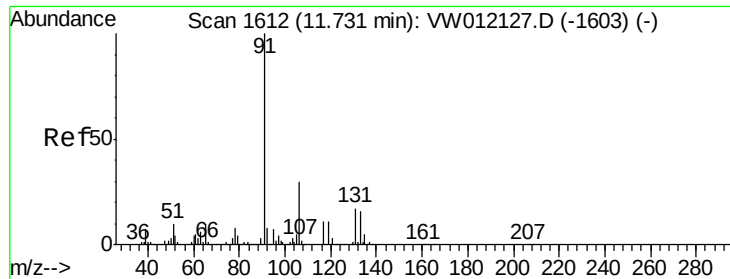


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

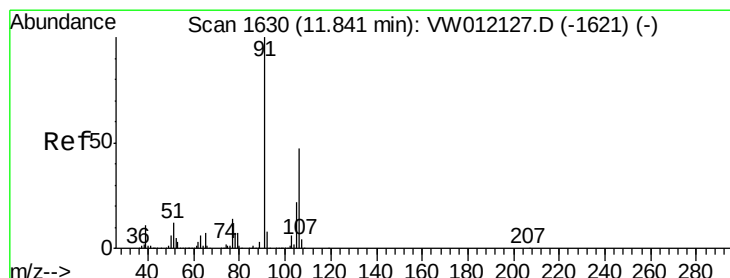
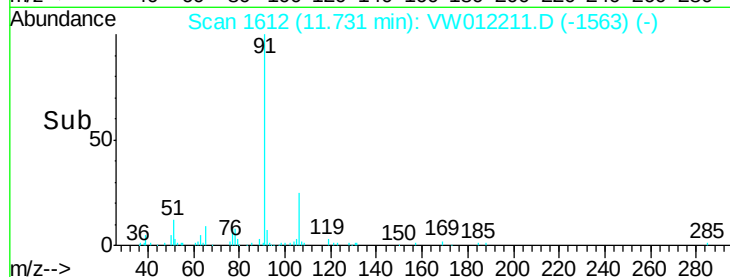
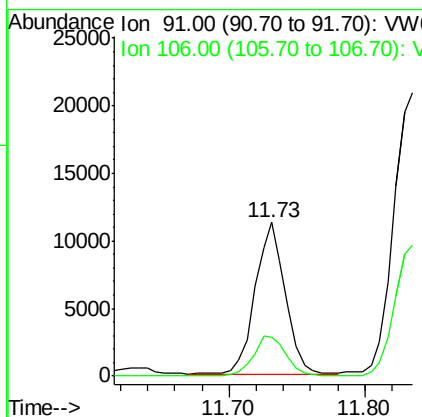
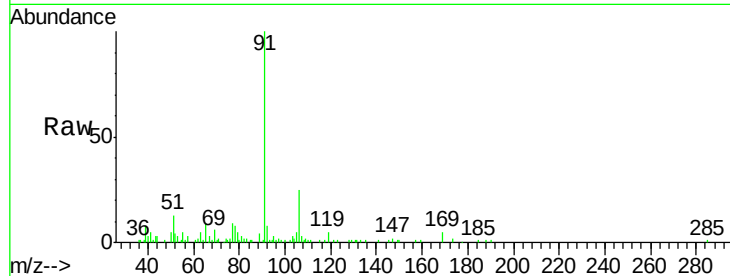




#67
Ethyl Benzene
Concen: 1.364 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012211.D
Acq: 27 Aug 2019 14:44

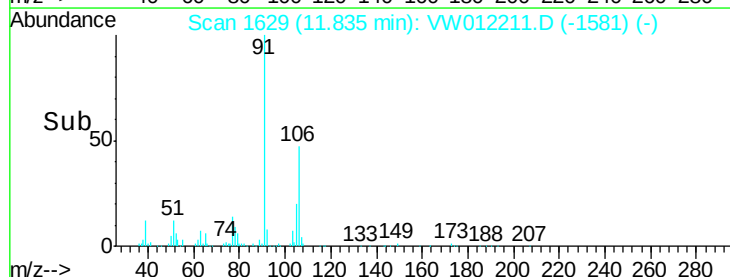
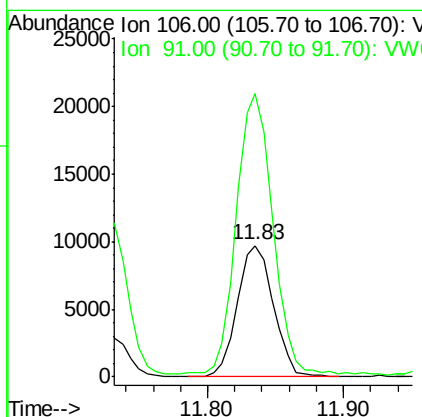
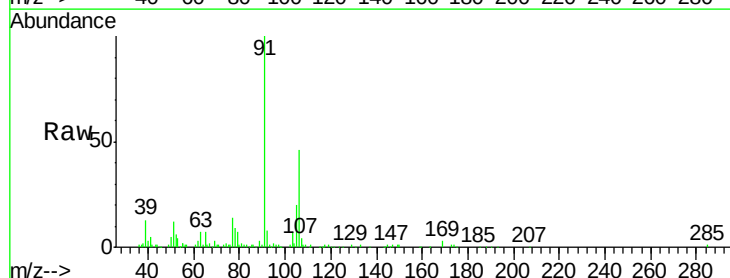
Instrument :
MSVOA_W
ClientSampled :
PX-10

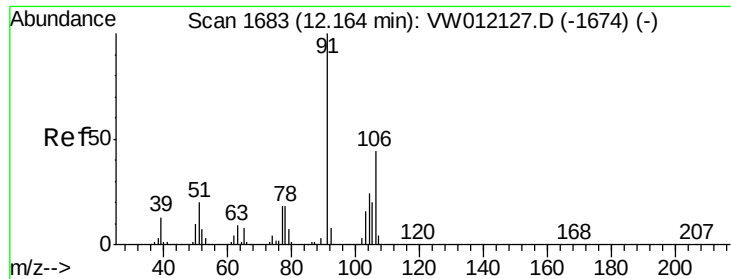
Tot Ion: 91 Resp: 17426
Ion Ratio Lower Upper
91 100
106 25.9 24.3 36.5



#68
m/p-Xylenes
Concen: 3.931 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012211.D
Acq: 27 Aug 2019 14:44

Tgt Ion: 106 Resp: 18090
Ion Ratio Lower Upper
106 100
91 215.9 169.5 254.3

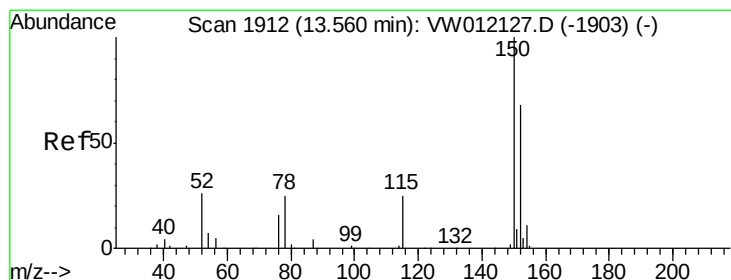
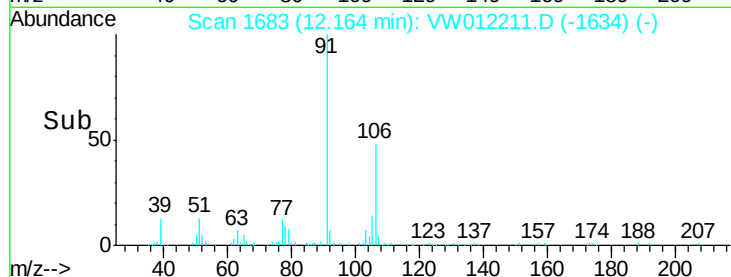
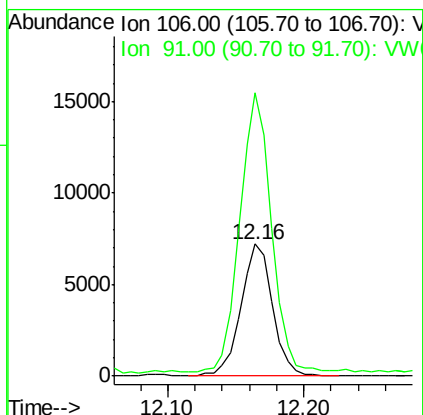
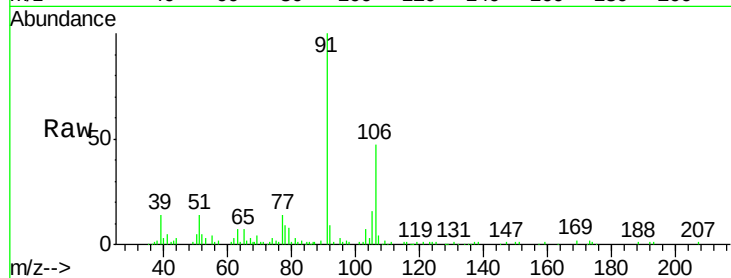




#69
o-Xylene
Concen: 2.752 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012211.D
Acq: 27 Aug 2019 14:44

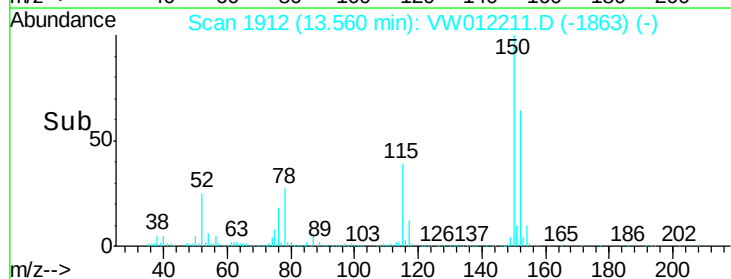
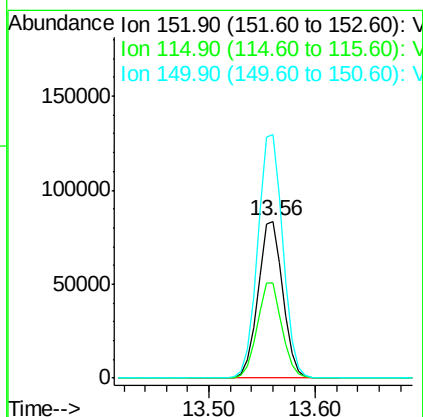
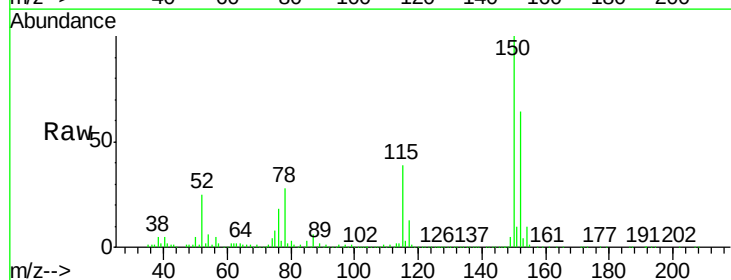
Instrument :
MSVOA_W
ClientSampled :
PX-10

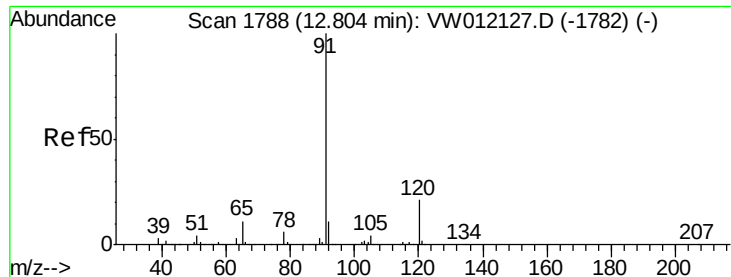
Tot Ion:106 Resp: 11722
Ion Ratio Lower Upper
106 100
91 209.2 111.6 334.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012211.D
Acq: 27 Aug 2019 14:44

Tgt Ion:152 Resp: 136448
Ion Ratio Lower Upper
152 100
115 59.8 30.1 90.3
150 157.0 0.0 345.8





#78

n-propylbenzene

Concen: 1.172 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012211.D

Acq: 27 Aug 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

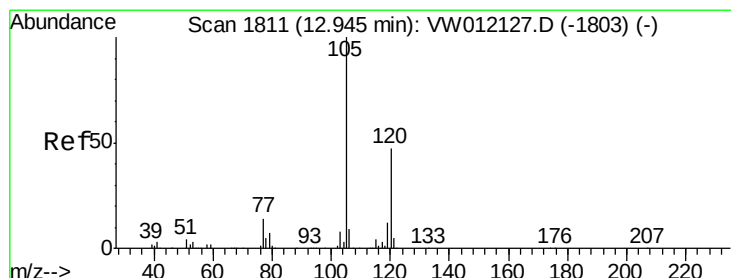
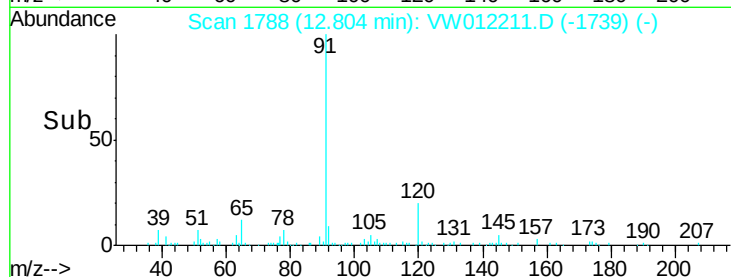
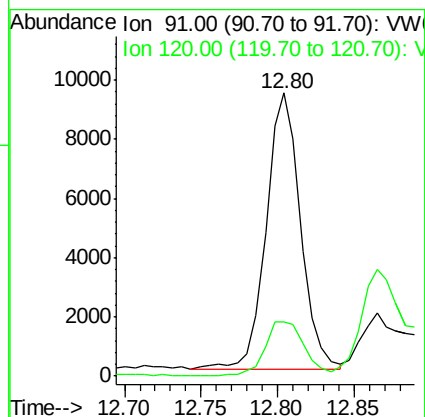
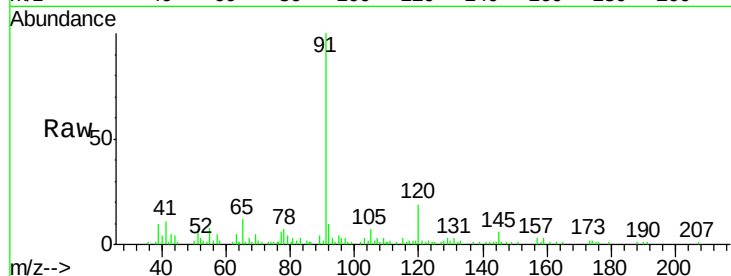
PX-10

Tot Ion: 91 Resp: 14630

Ion Ratio Lower Upper

91 100

120 22.7 10.5 31.6



#80

1,3,5-Trimethylbenzene

Concen: 1.045 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012211.D

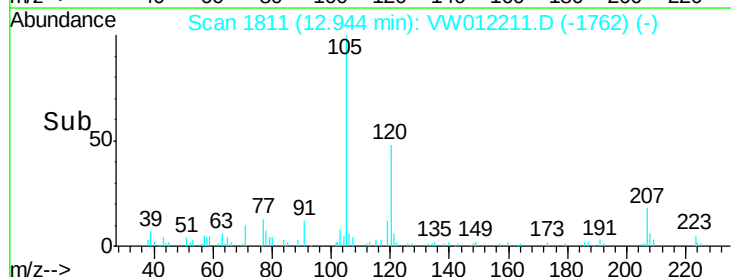
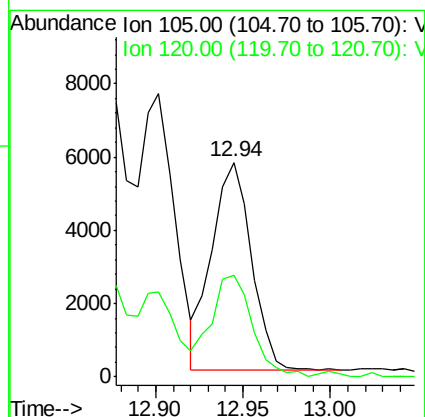
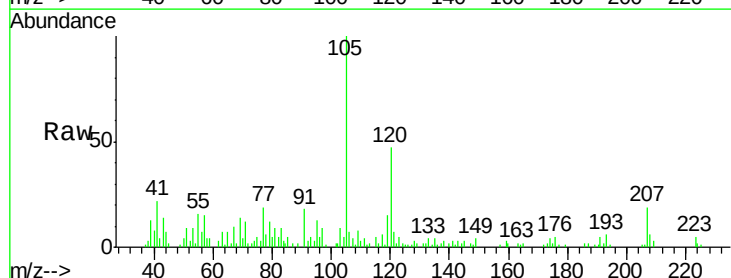
Acq: 27 Aug 2019 14:44

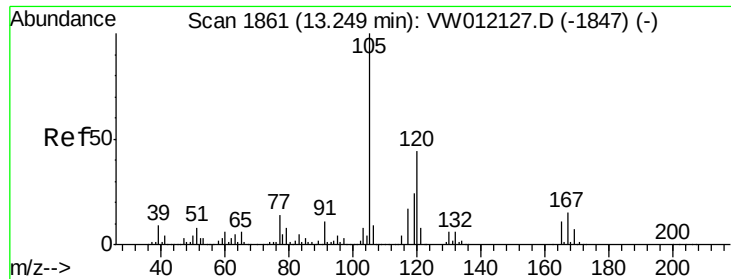
Tgt Ion: 105 Resp: 8925

Ion Ratio Lower Upper

105 100

120 51.2 24.0 72.0





#84
 1,2,4-Trimethylbenzene
 Concen: 1.085 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012211.D
 Acq: 27 Aug 2019 14:44

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-10

Tot Ion:105 Resp: 9310
 Ion Ratio Lower Upper
 105 100
 120 47.1 21.9 65.7

