

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007490.D
 Acq On : 13 Dec 2018 16:02
 Operator : SY/AP
 Sample : J6319-14RE
 Misc : 5.14G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 068_DUP-2RE

Quant Time: Dec 14 04:12:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

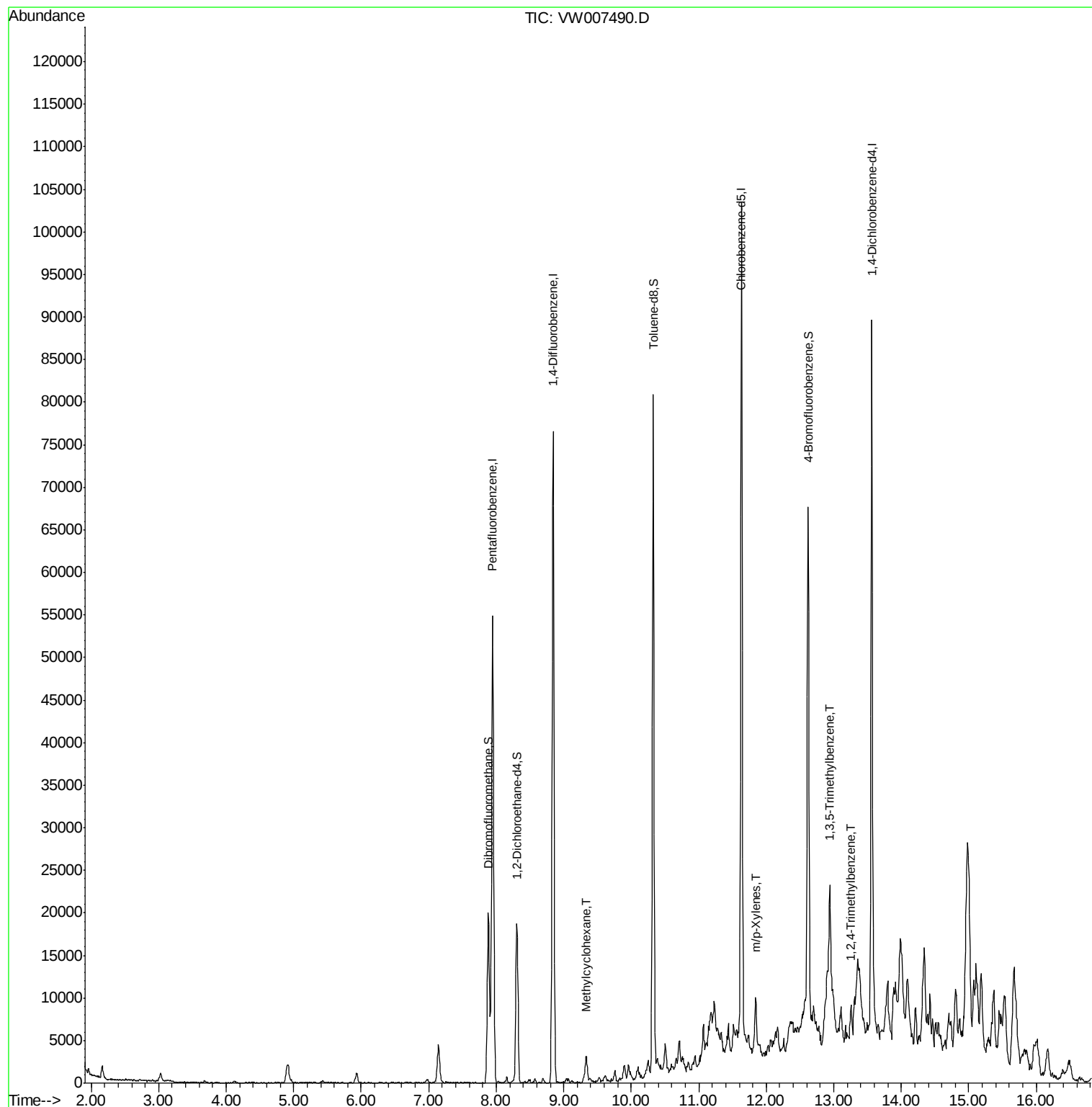
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	39286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	65259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	55049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	22108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	16023	36.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.52%	
35) Dibromofluoromethane	7.88	113	14980	37.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.84%	
50) Toluene-d8	10.32	98	51536	34.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.58%	
62) 4-Bromofluorobenzene	12.62	95	18162	33.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.70%	
Target Compounds						
39) Methylcyclohexane	9.34	83	1335	1.852	ug/l #	84
68) m/p-Xylenes	11.84	106	1019	1.329	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	3295	2.315	ug/l	93
84) 1,2,4-Trimethylbenzene	13.26	105	2737	1.869	ug/l	92

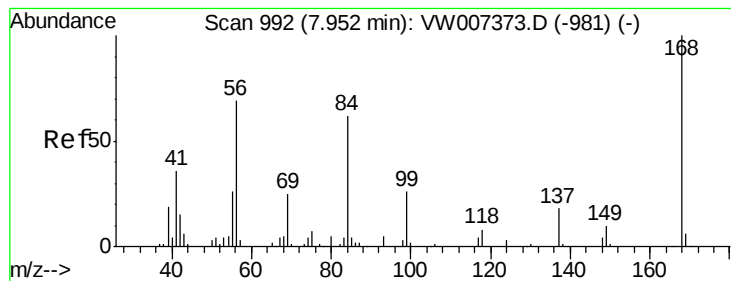
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007490.D

Acq: 13 Dec 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

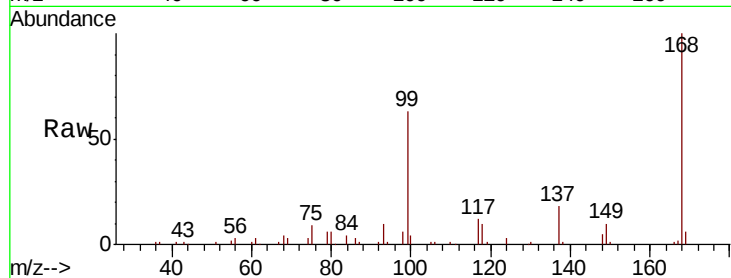
068_DUP-2RE

Tot Ion:168 Resp: 39286

Ion Ratio Lower Upper

168 100

99 63.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

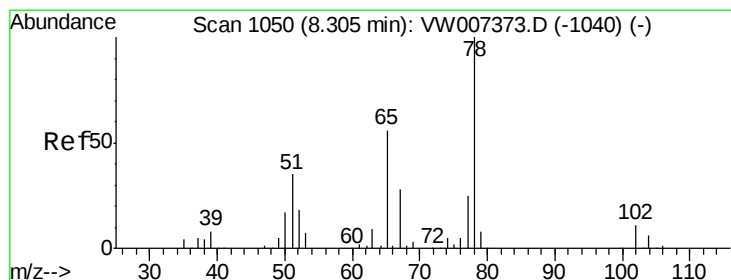
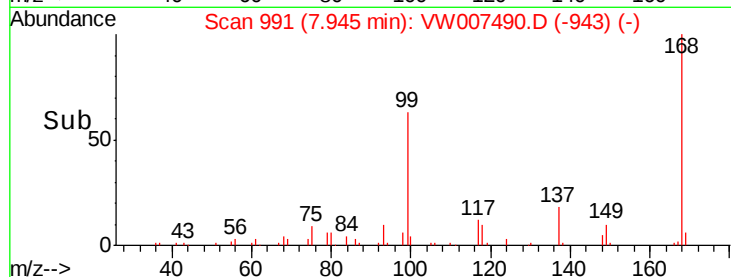
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 36.763 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007490.D

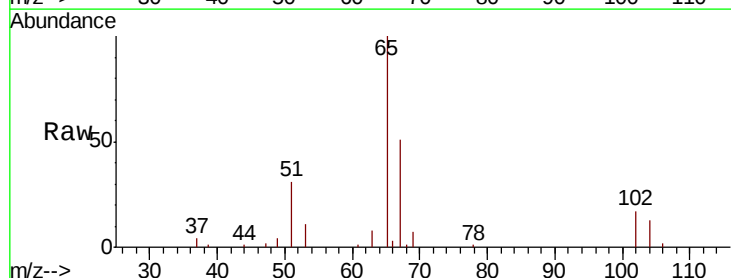
Acq: 13 Dec 2018 16:02

Tgt Ion: 65 Resp: 16023

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

8000

6000

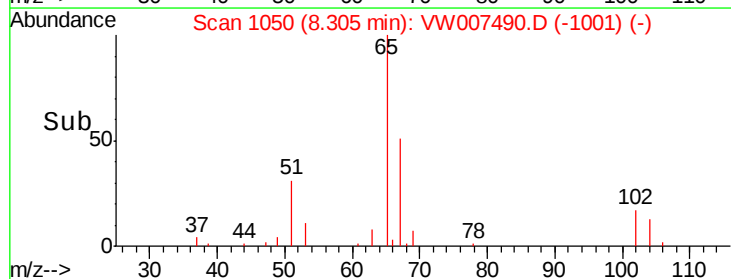
4000

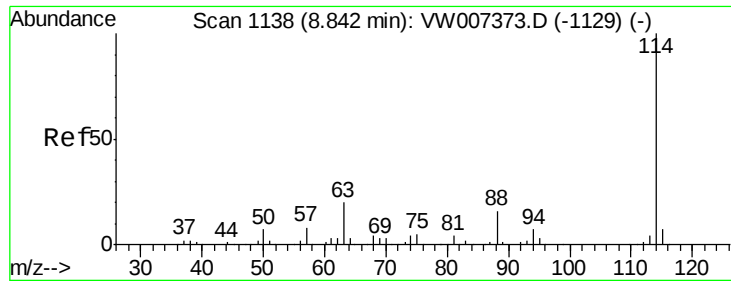
2000

0

Time-->

8.20 8.25 8.30 8.35 8.40

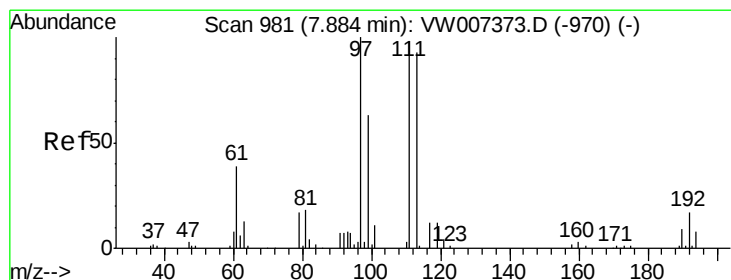
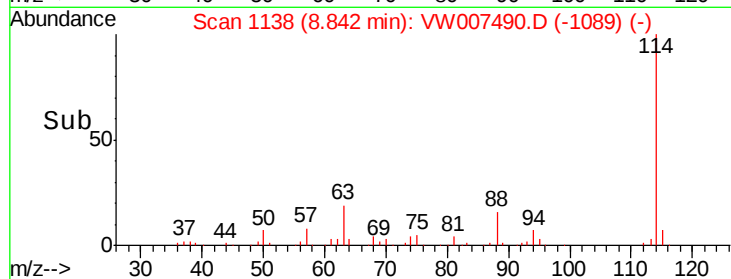
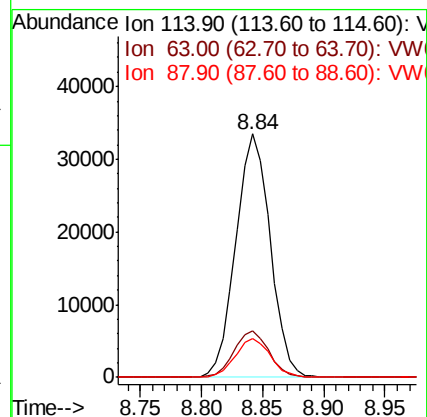
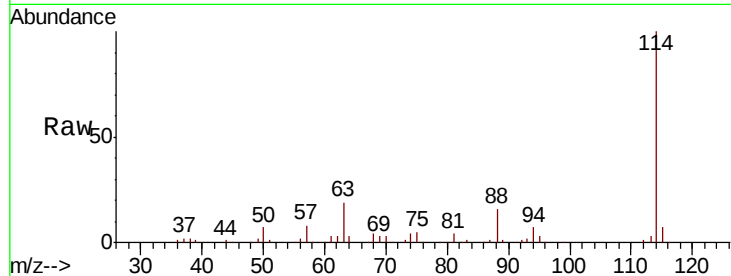




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007490.D
 Acq: 13 Dec 2018 16:02

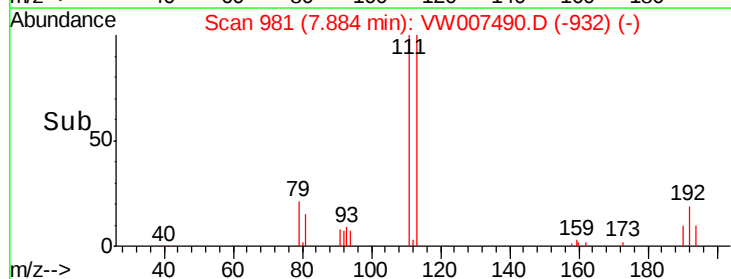
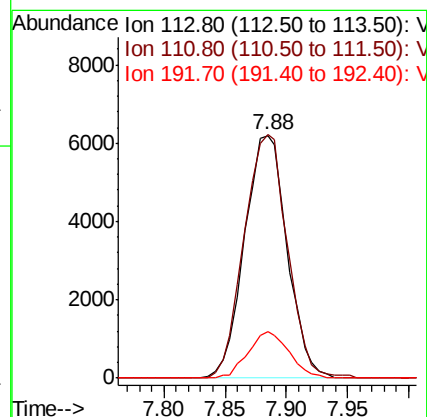
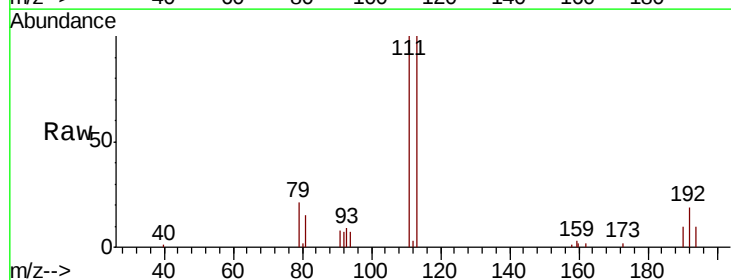
Instrument :
 MSVOA_W
 ClientSampleId :
 068_DUP-2RE

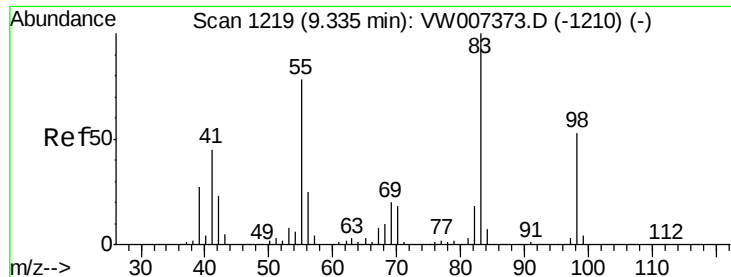
Tot Ion:114 Resp: 65259
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.6
 88 16.2 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 37.920 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007490.D
 Acq: 13 Dec 2018 16:02

Tgt Ion:113 Resp: 14980
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 18.2 14.6 21.8

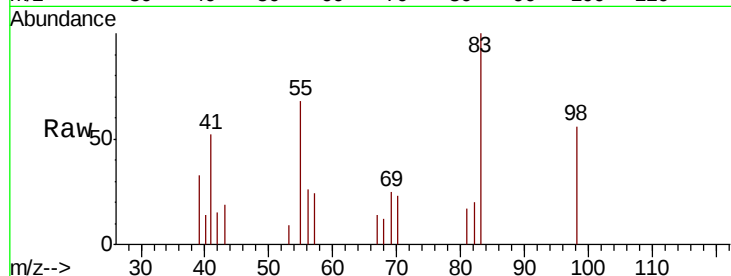




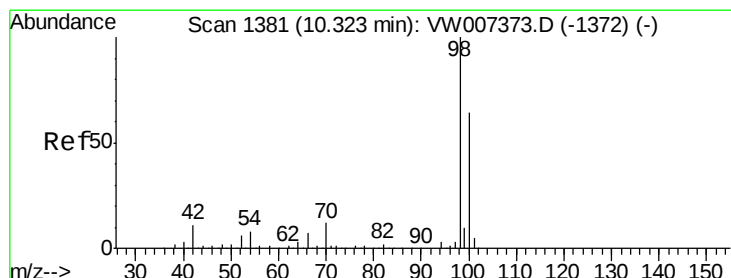
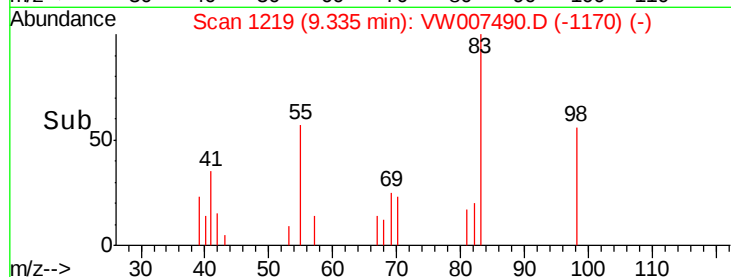
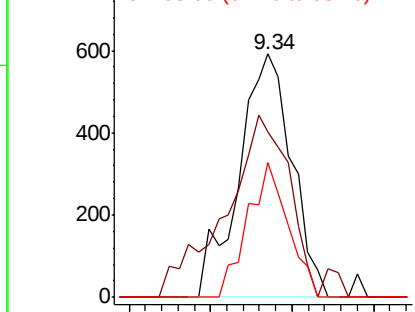
#39
Methvlcvclohexane
Concen: 1.852 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007490.D
Acq: 13 Dec 2018 16:02

Instrument :
MSVOA_W
ClientSampleId :
068_DUP-2RE

Tot Ion: 83 Resp: 1335
Ion Ratio Lower Upper
83 100
55 57.9 62.8 94.2#
98 55.6 42.2 63.2

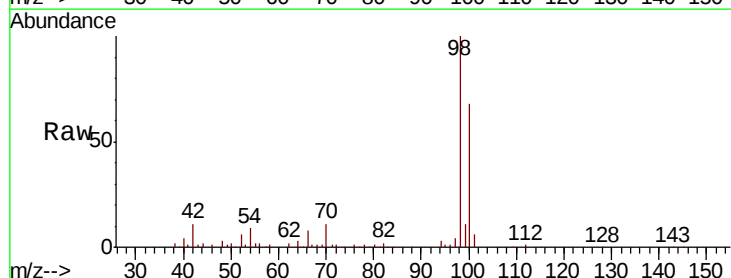


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

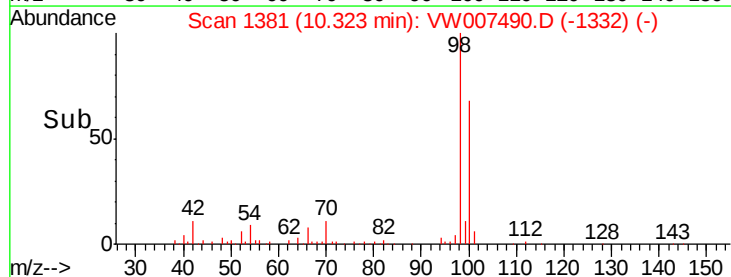
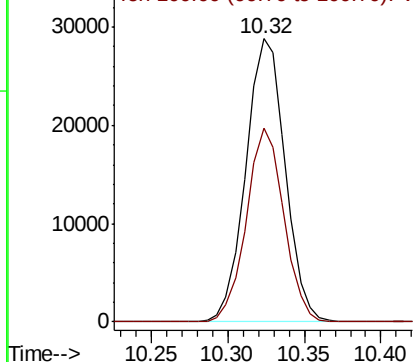


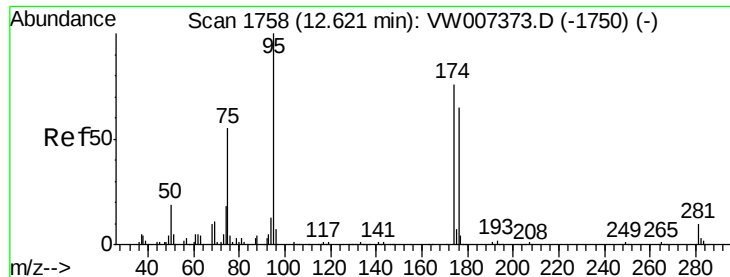
#50
Toluene-d8
Concen: 34.794 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007490.D
Acq: 13 Dec 2018 16:02

Tgt Ion: 98 Resp: 51536
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 33.350 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007490.D

Acq: 13 Dec 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

068_DUP-2RE

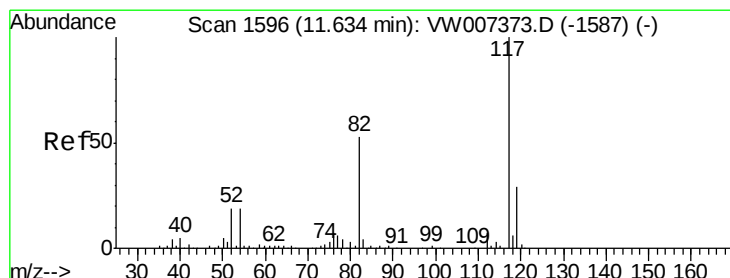
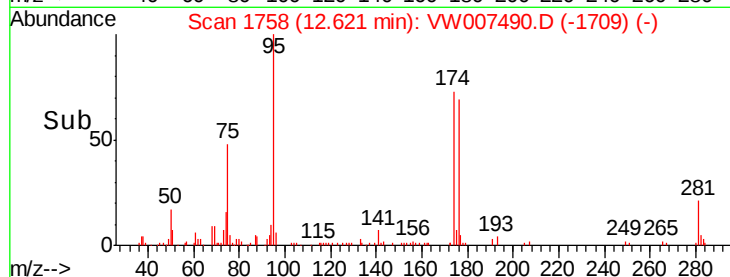
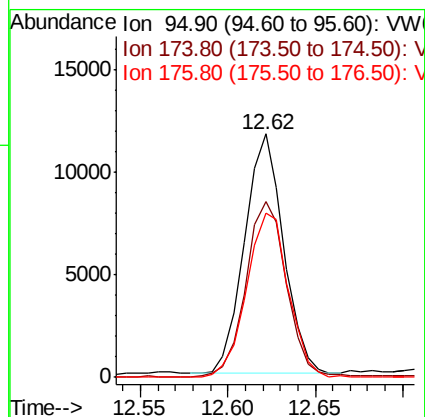
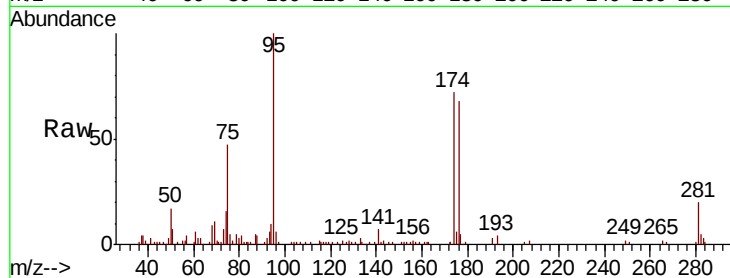
Tot Ion: 95 Resp: 18162

Ion Ratio Lower Upper

95 100

174 76.6 0.0 147.2

176 73.2 0.0 138.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007490.D

Acq: 13 Dec 2018 16:02

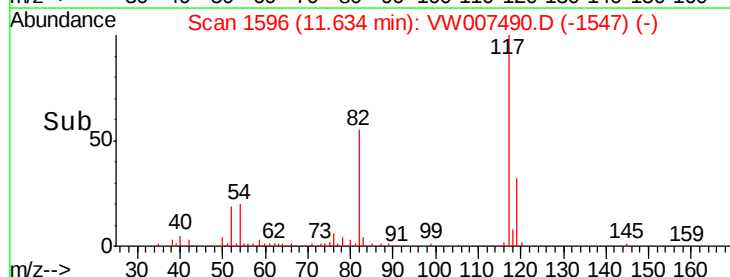
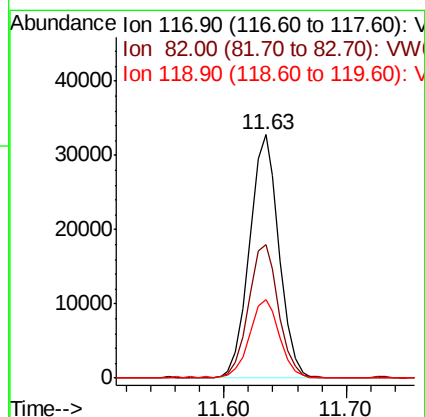
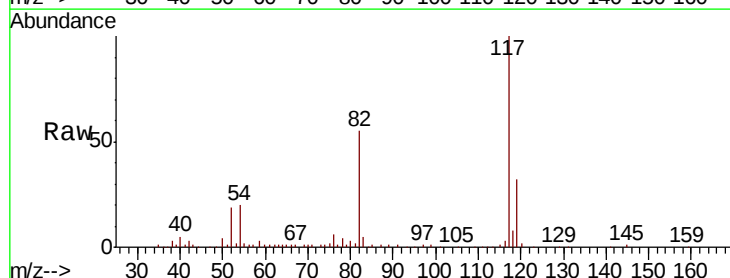
Tgt Ion: 117 Resp: 55049

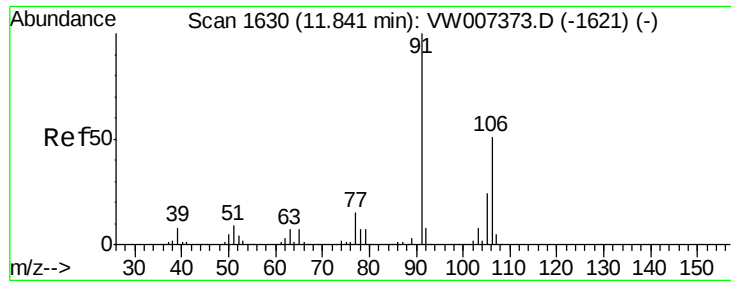
Ion Ratio Lower Upper

117 100

82 54.7 42.3 63.5

119 32.0 23.0 34.6

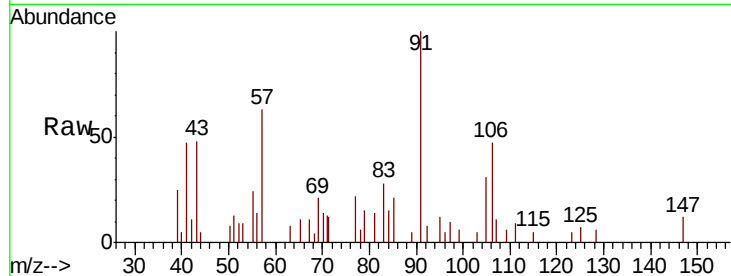




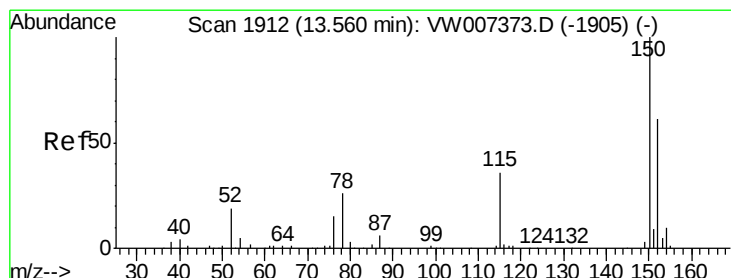
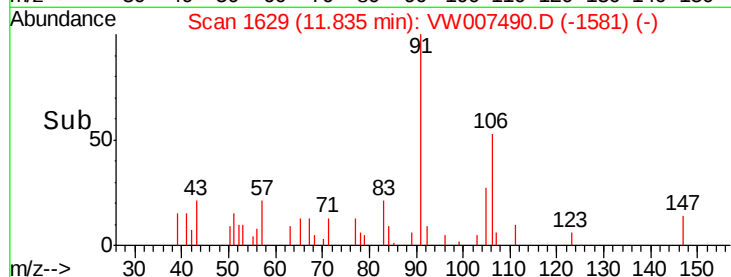
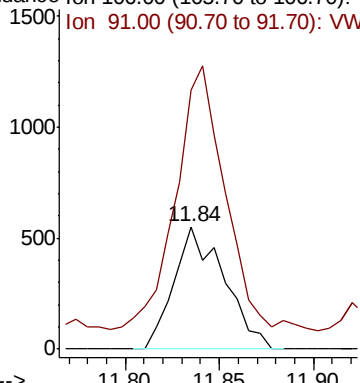
#68
m/p-Xvlenes
Concen: 1.329 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007490.D
Acq: 13 Dec 2018 16:02

Instrument :
MSVOA_W
ClientSampleId :
068_DUP-2RE

Tot Ion:106 Resp: 1019
Ion Ratio Lower Upper
106 100
91 211.8 165.3 247.9

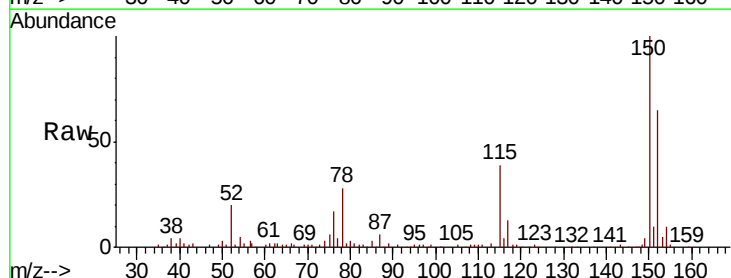


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

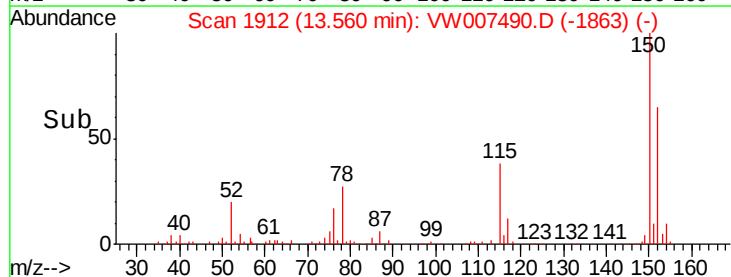
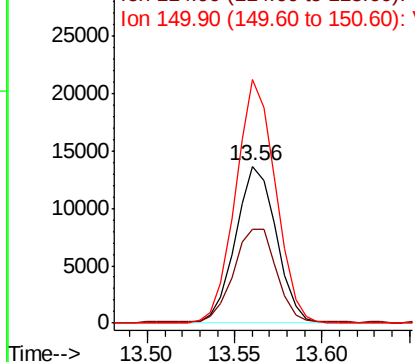


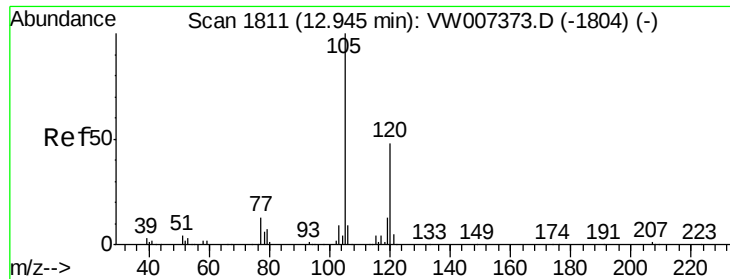
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007490.D
Acq: 13 Dec 2018 16:02

Tgt Ion:152 Resp: 22108
Ion Ratio Lower Upper
152 100
115 62.5 31.4 94.2
150 152.1 0.0 358.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

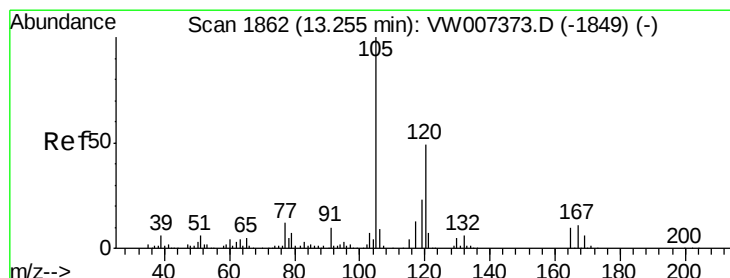
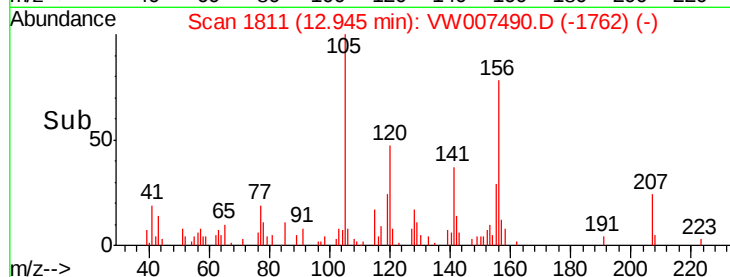
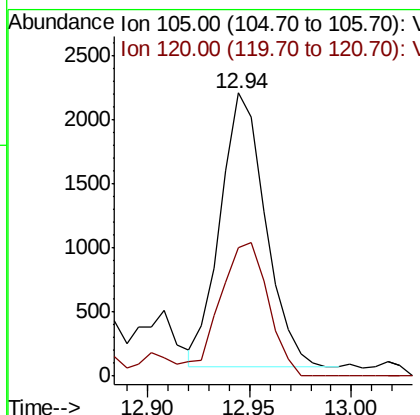
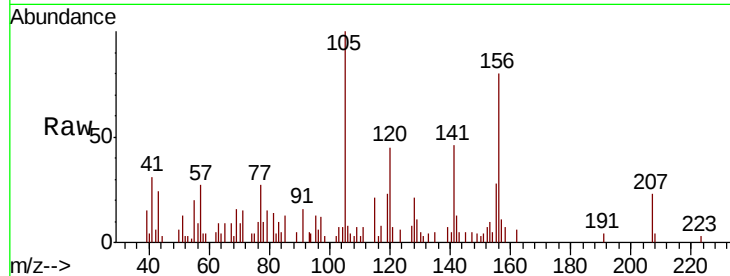




#80
 1,3,5-Trimethylbenzene
 Concen: 2.315 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW007490.D
 Acq: 13 Dec 2018 16:02

Instrument :
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Tot Ion:105 Resp: 3295
 Ion Ratio Lower Upper
 105 100
 120 52.4 23.8 71.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.869 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007490.D
 Acq: 13 Dec 2018 16:02

Tgt Ion:105 Resp: 2737
 Ion Ratio Lower Upper
 105 100
 120 40.2 22.6 67.7

