

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007071.D
 Acq On : 27 Nov 2018 03:28
 Operator : VAY/AP
 Sample : J5770-07RE
 Misc : 6.92G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-112118-BRE

Quant Time: Nov 27 07:42:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

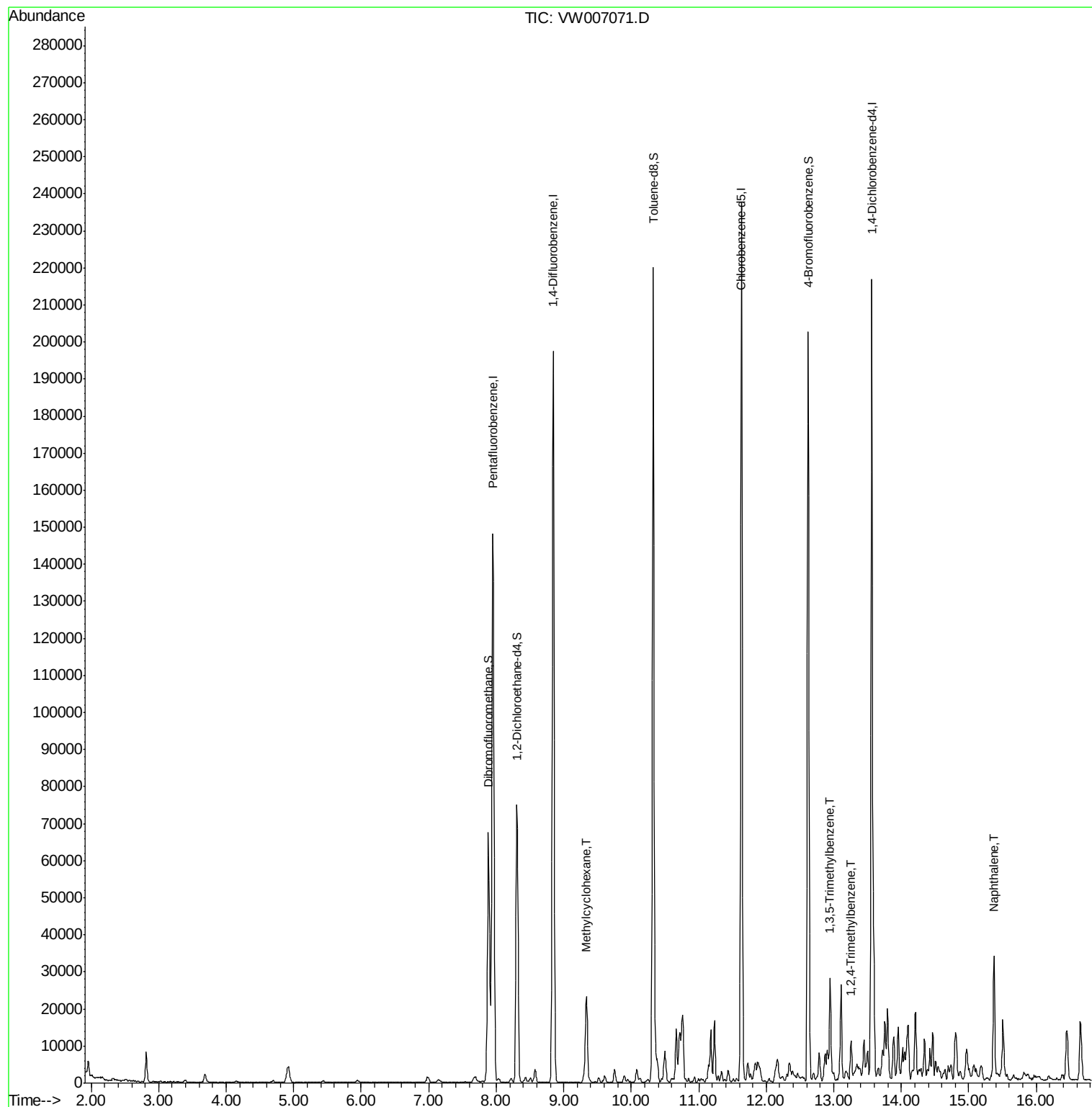
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	109741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	173209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	137104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55473	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58824	54.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.50%	
35) Dibromofluoromethane	7.88	113	49908	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
50) Toluene-d8	10.32	98	136362	31.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.14%	
62) 4-Bromofluorobenzene	12.62	95	66233	38.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.94%	
Target Compounds						
39) Methylcyclohexane	9.34	83	9985	4.71	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	12315	3.30	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	5651	1.52	ug/l	100
95) Naphthalene	15.37	128	29672	14.97	ug/l	98

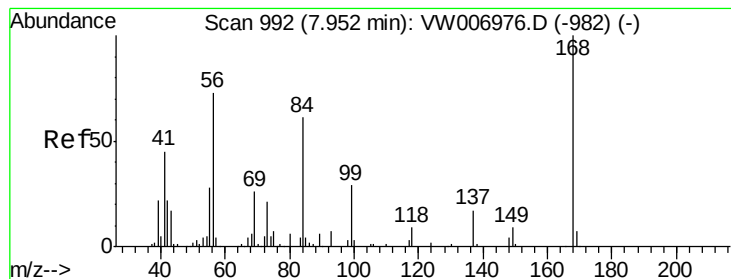
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
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OR-02-112118-BRE

Quant Time: Nov 27 07:42:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 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: VW007071.D

Acq: 27 Nov 2018 03:28

Instrument :

MSVOA_W

ClientSampleId :

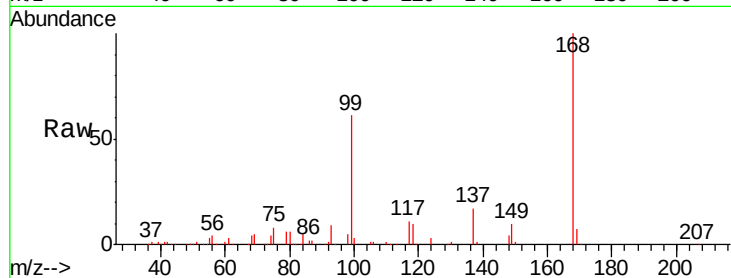
OR-02-112118-BRE

Tgt Ion:168 Resp: 109741

Ion Ratio Lower Upper

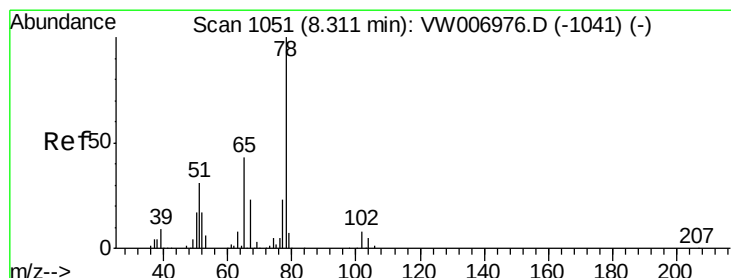
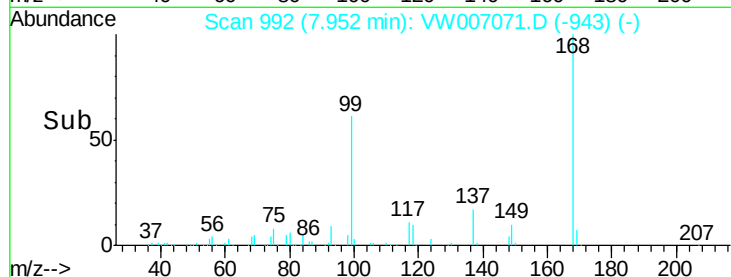
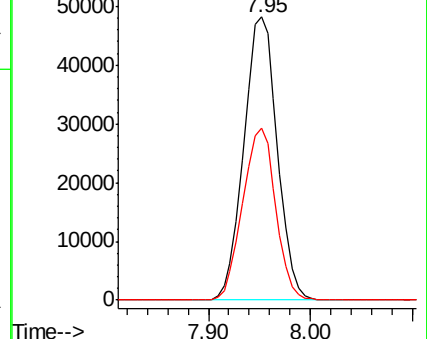
168 100

99 60.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 54.75 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007071.D

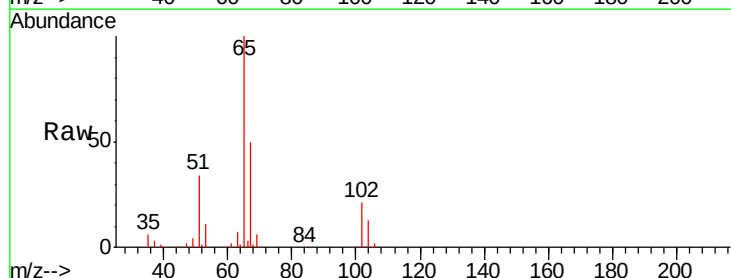
Acq: 27 Nov 2018 03:28

Tgt Ion: 65 Resp: 58824

Ion Ratio Lower Upper

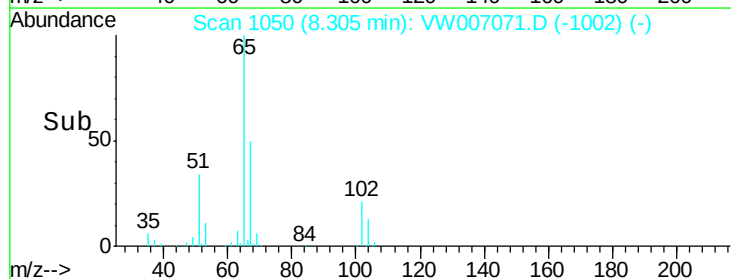
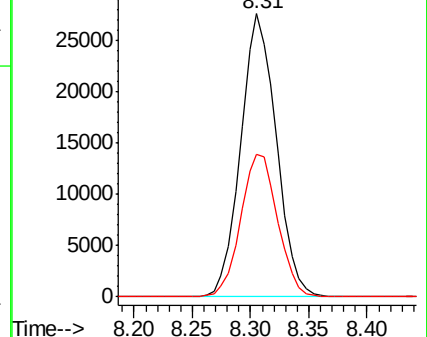
65 100

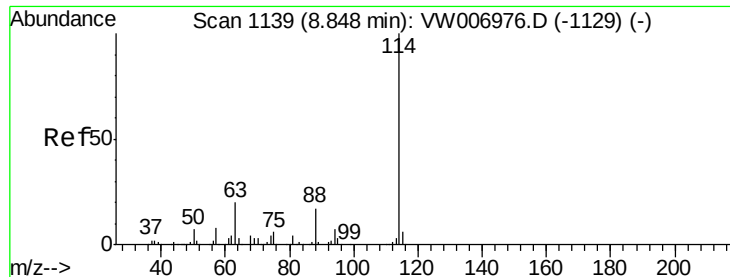
67 52.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

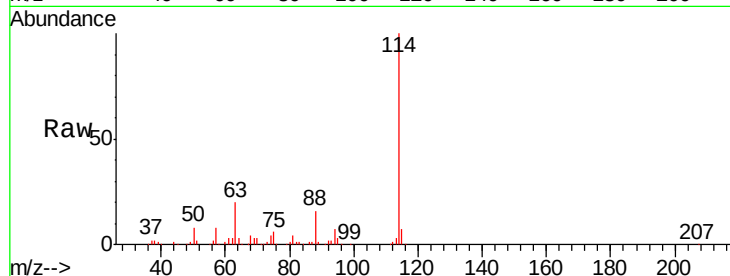




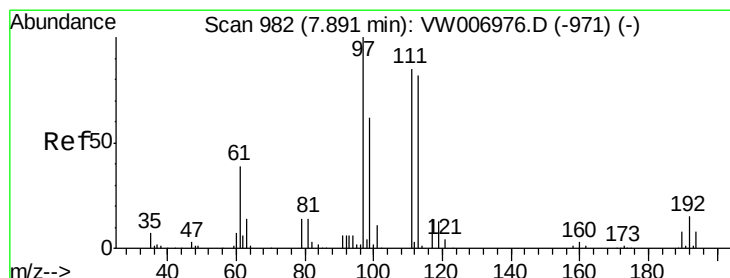
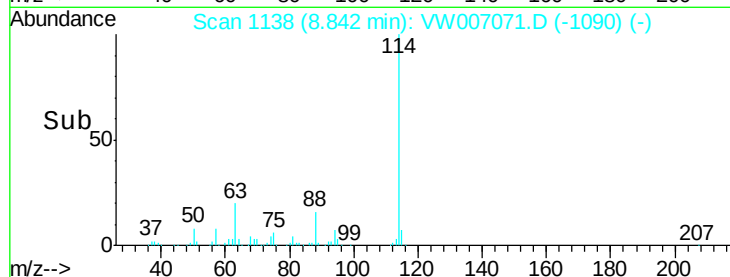
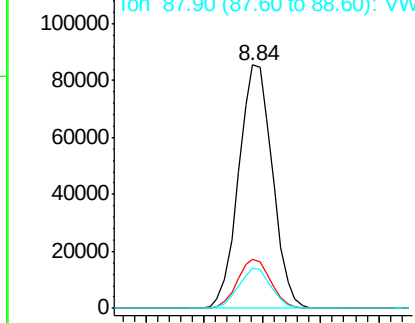
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007071.D
 Acq: 27 Nov 2018 03:28

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-112118-BRE

Tgt Ion:114 Resp: 173209
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.4
 88 16.2 0.0 34.2

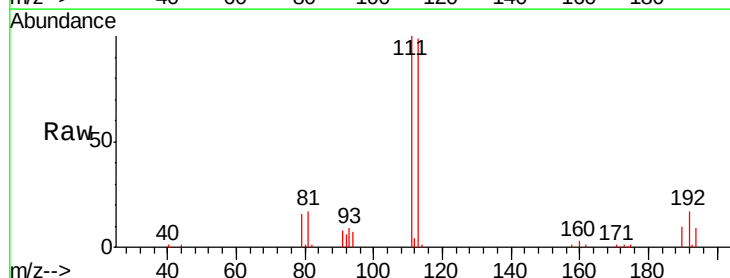


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

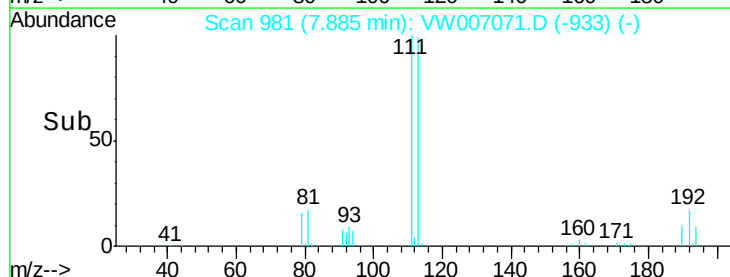
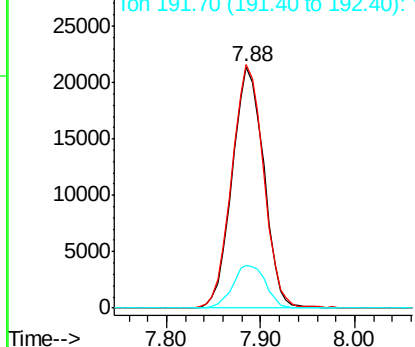


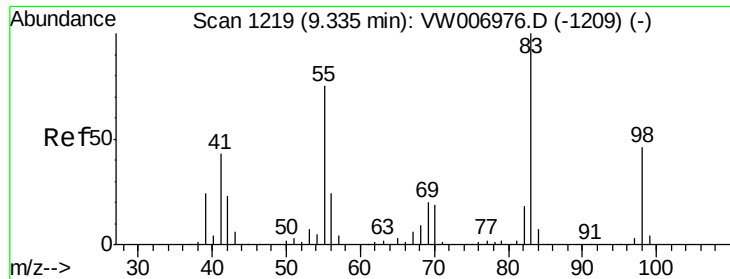
#35
 Dibromofluoromethane
 Concen: 51.02 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007071.D
 Acq: 27 Nov 2018 03:28

Tgt Ion:113 Resp: 49908
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.0 121.6
 192 18.3 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

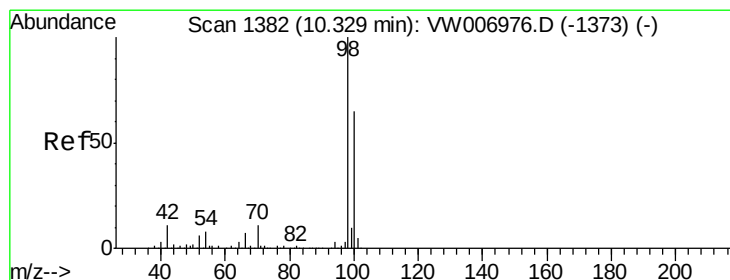
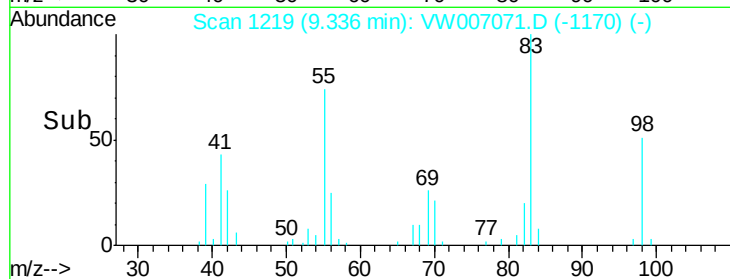
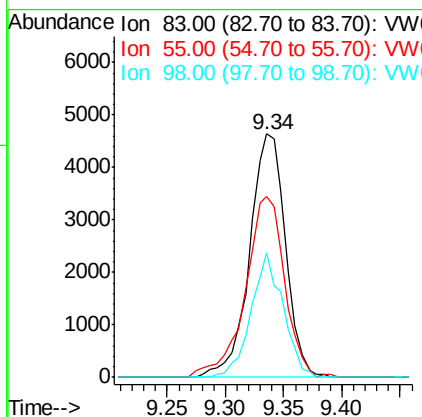
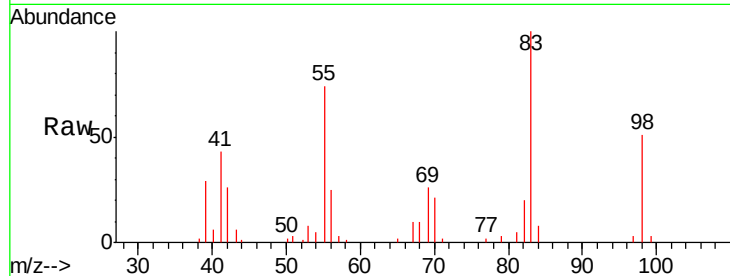




#39
Methylcyclohexane
Concen: 4.71 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007071.D
Acq: 27 Nov 2018 03:28

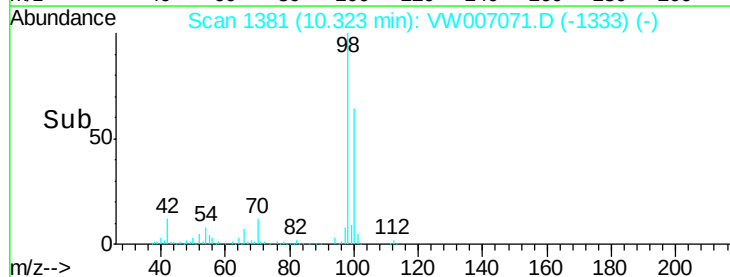
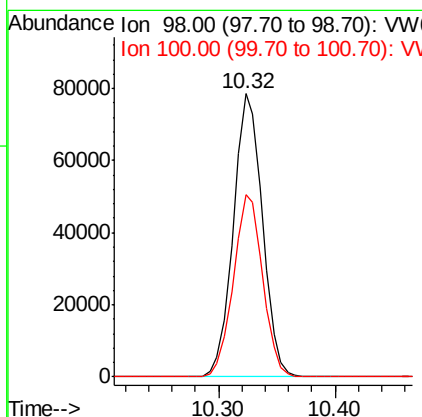
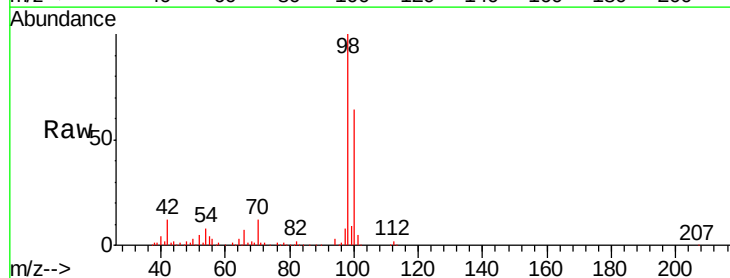
Instrument :
MSVOA_W
ClientSampleId :
OR-02-112118-BRE

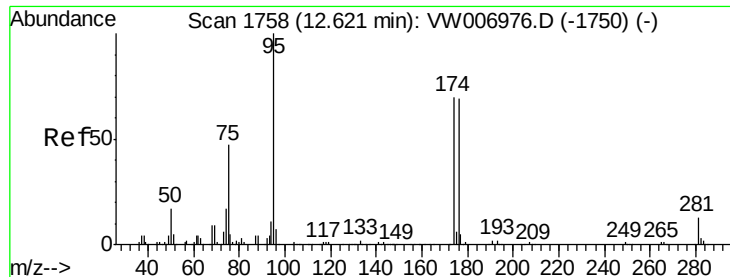
Tgt Ion: 83 Resp: 9985
Ion Ratio Lower Upper
83 100
55 74.4 59.6 89.4
98 51.4 37.1 55.7



#50
Toluene-d8
Concen: 31.57 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007071.D
Acq: 27 Nov 2018 03:28

Tgt Ion: 98 Resp: 136362
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2

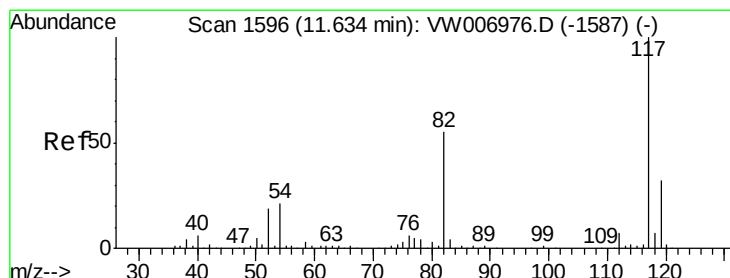
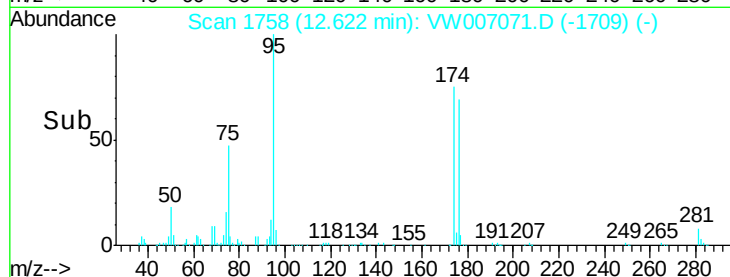
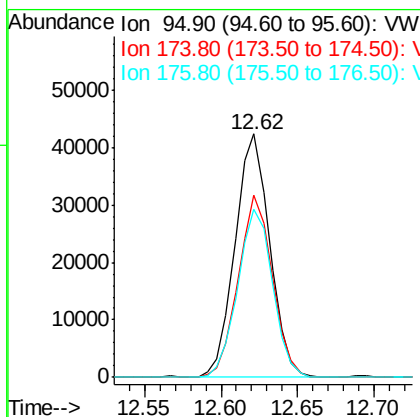
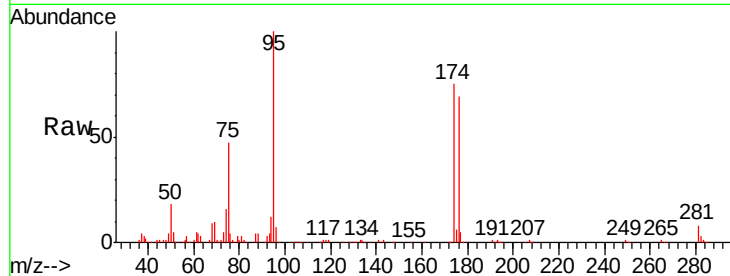




#62
4-Bromofluorobenzene
Concen: 38.97 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007071.D
Acq: 27 Nov 2018 03:28

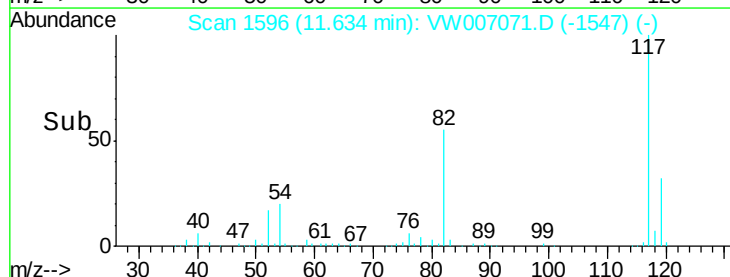
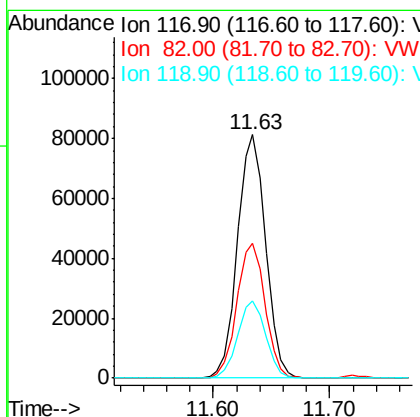
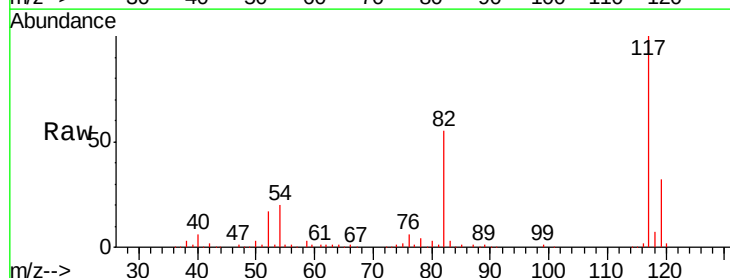
Instrument :
MSVOA_W
ClientSampleId :
OR-02-112118-BRE

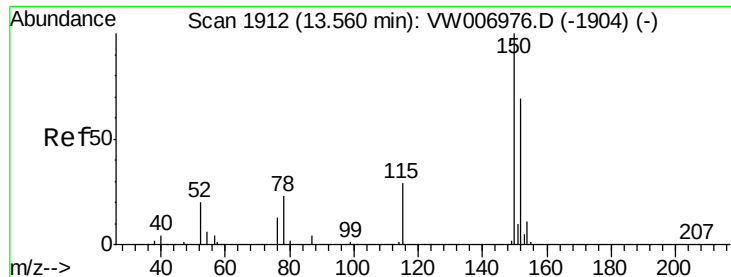
Tgt Ion: 95 Resp: 66233
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.6
176 70.2 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007071.D
Acq: 27 Nov 2018 03:28

Tgt Ion: 117 Resp: 137104
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 31.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007071.D

Acq: 27 Nov 2018 03:28

Instrument :

MSVOA_W

ClientSampleId :

OR-02-112118-BRE

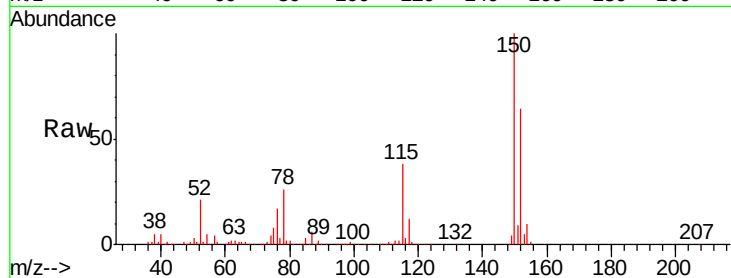
Tgt Ion:152 Resp: 55473

Ion Ratio Lower Upper

152 100

115 62.2 31.4 94.2

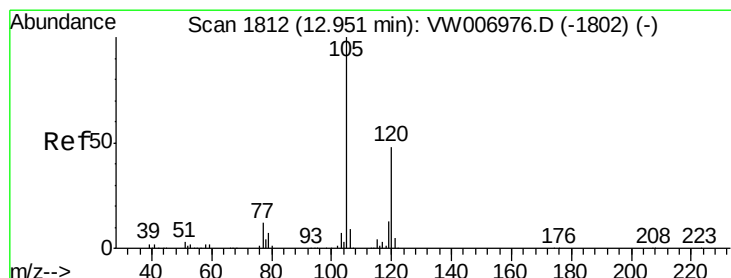
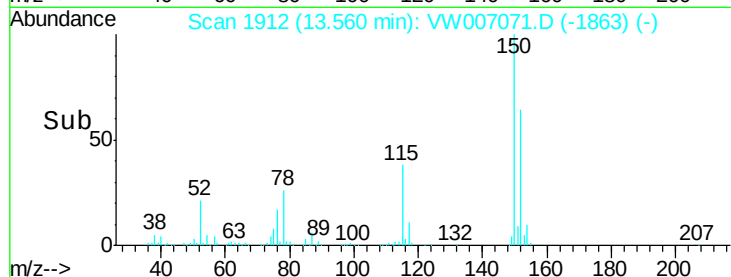
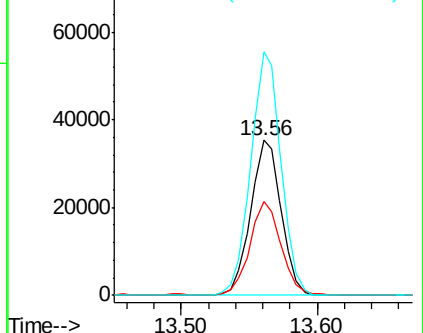
150 155.9 0.0 353.4



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: 3.30 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW007071.D

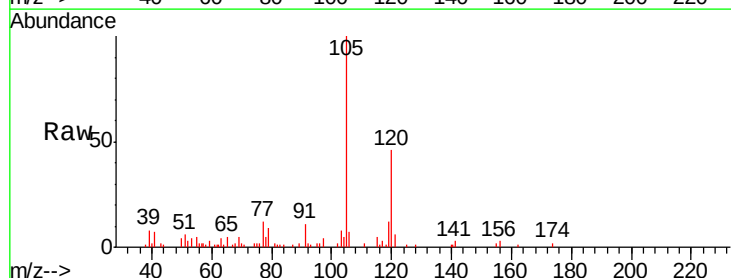
Acq: 27 Nov 2018 03:28

Tgt Ion:105 Resp: 12315

Ion Ratio Lower Upper

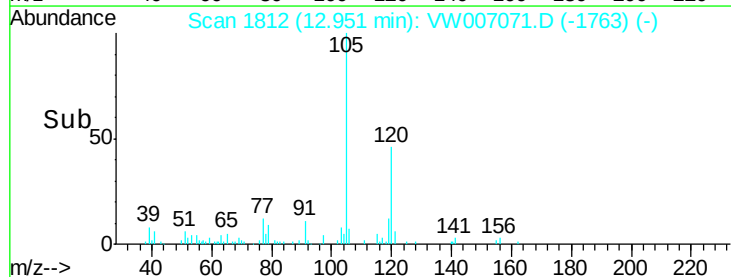
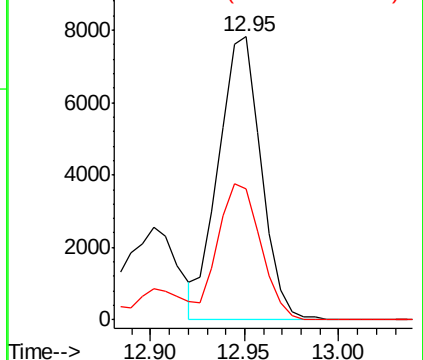
105 100

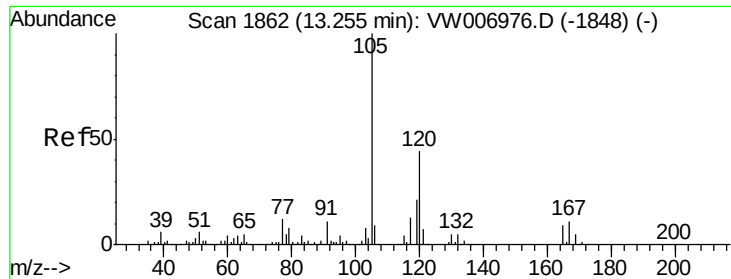
120 47.3 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

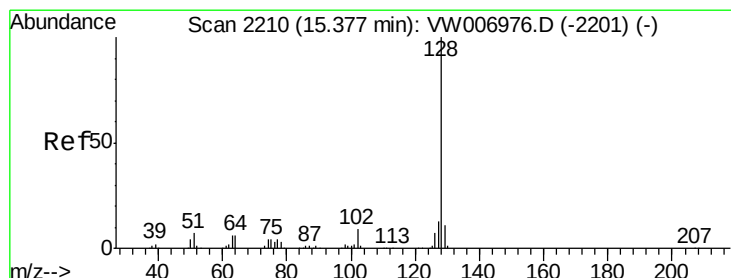
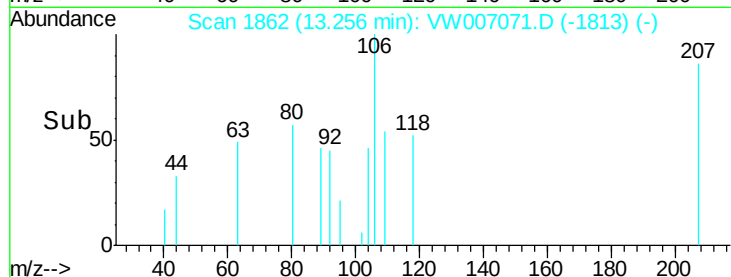
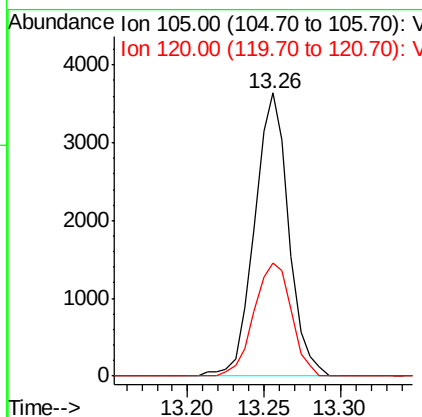
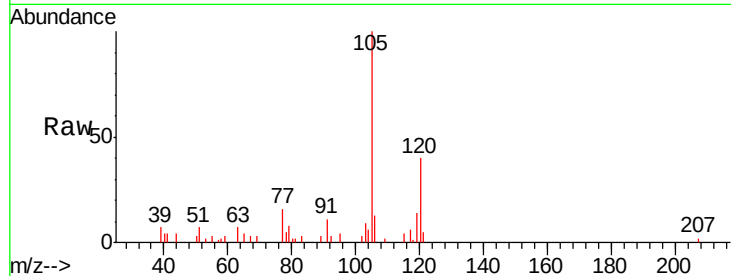




#84
 1,2,4-Trimethylbenzene
 Concen: 1.52 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007071.D
 Acq: 27 Nov 2018 03:28

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-112118-BRE

Tgt Ion:105 Resp: 5651
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.8 65.3



#95
 Naphthalene
 Concen: 14.97 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW007071.D
 Acq: 27 Nov 2018 03:28

Tgt Ion:128 Resp: 29672
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.5 15.7
 129 11.2 8.7 13.1

