

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007055.D
 Acq On : 26 Nov 2018 18:32
 Operator : VAY/AP
 Sample : J5770-07
 Misc : 6.62G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Nov 27 06:44:25 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

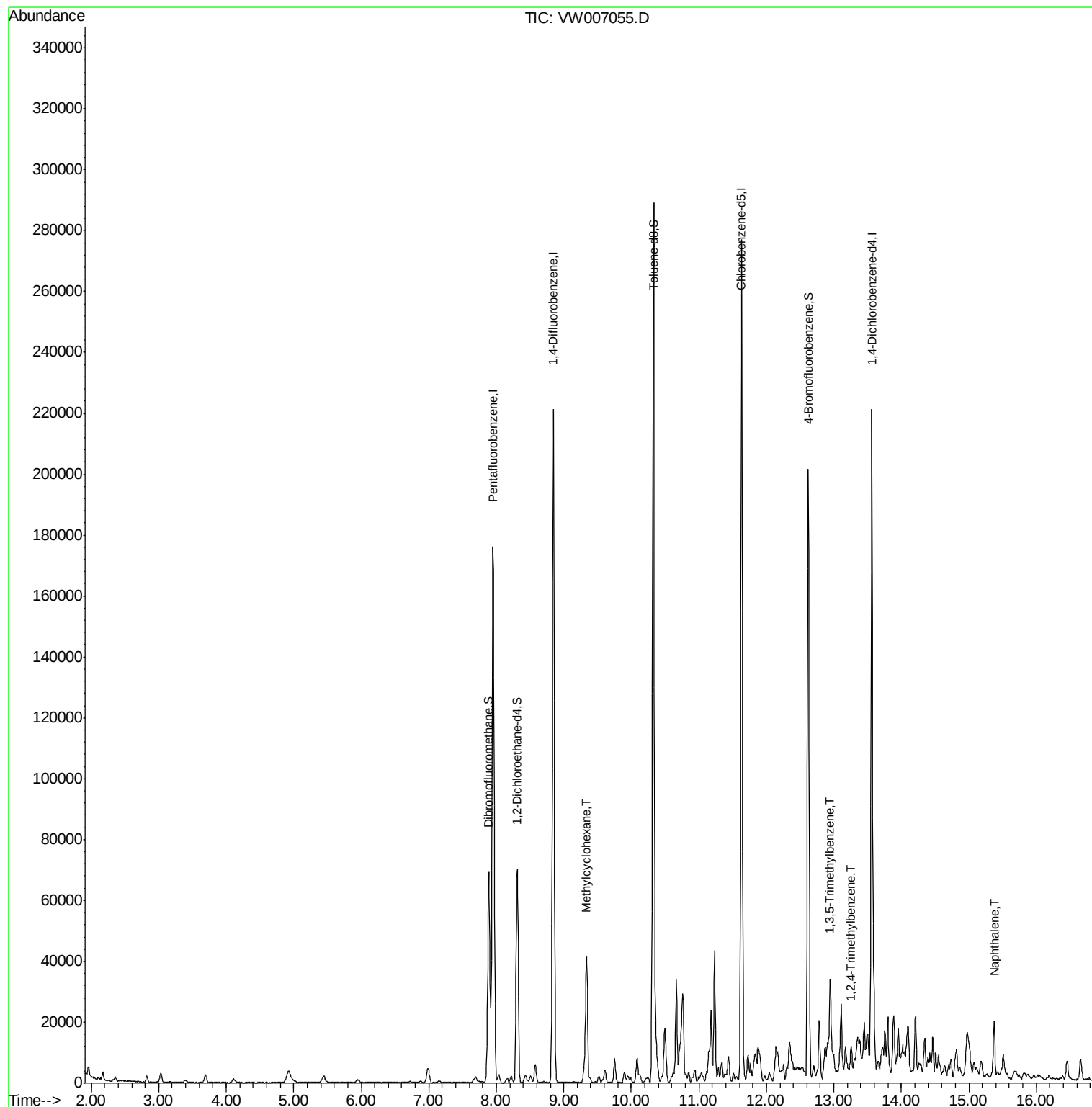
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	120878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	191648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	157031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	58006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57441	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
35) Dibromofluoromethane	7.89	113	50216	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
50) Toluene-d8	10.33	98	178885	37.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.86%	
62) 4-Bromofluorobenzene	12.62	95	66167	35.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.36%	
Target Compounds						
39) Methylcyclohexane	9.34	83	18113	7.73	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	9759	2.50	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	4859	1.25	ug/l	99
95) Naphthalene	15.38	128	15840	7.64	ug/l	98

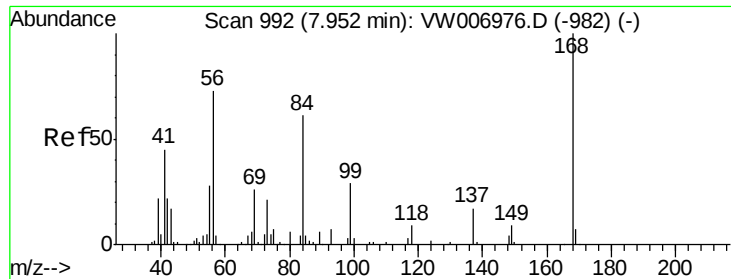
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007055.D

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Instrument :

MSVOA_W

ClientSampleId :

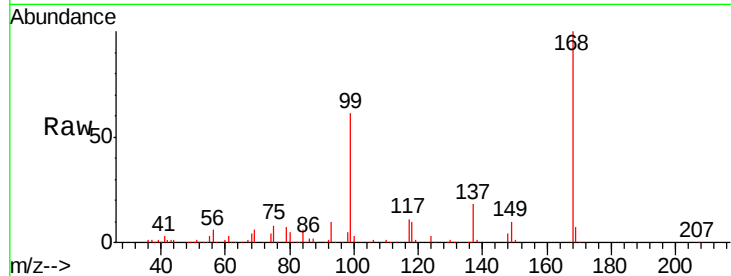
OR-02-112118-B

Tgt Ion:168 Resp: 120878

Ion Ratio Lower Upper

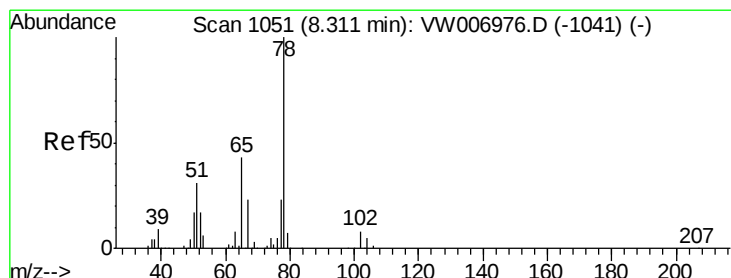
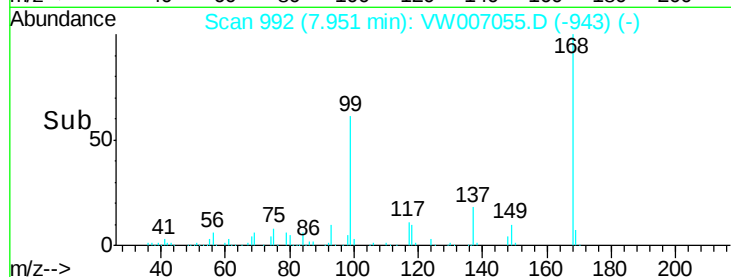
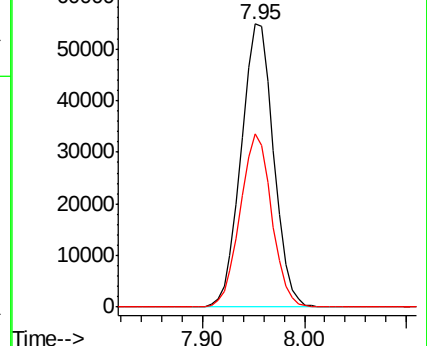
168 100

99 61.1 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: 48.54 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007055.D

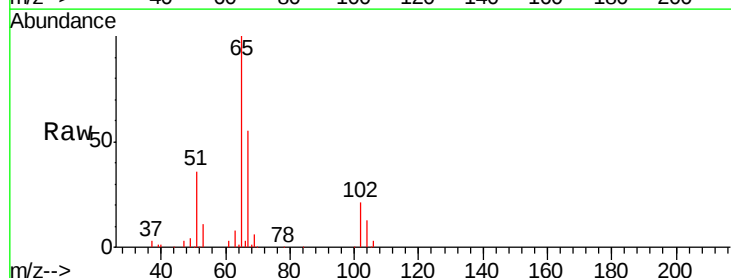
Acq: 26 Nov 2018 18:32

Tgt Ion: 65 Resp: 57441

Ion Ratio Lower Upper

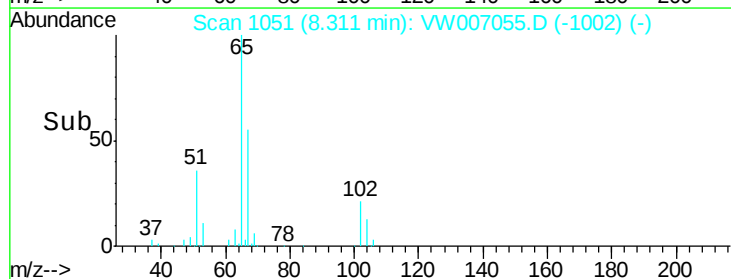
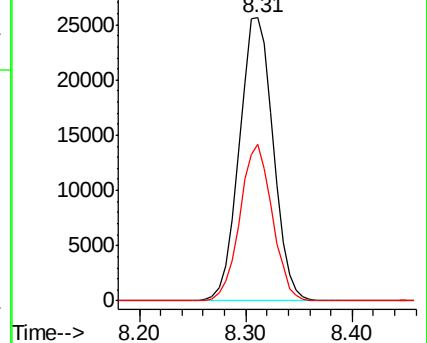
65 100

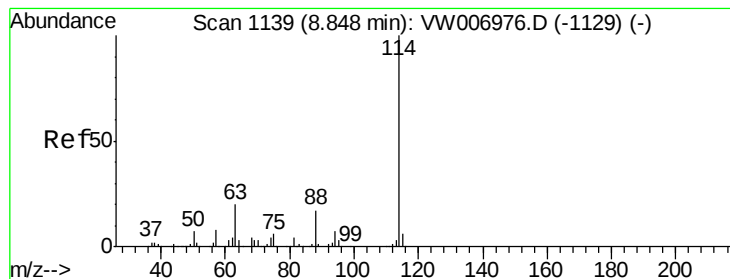
67 52.8 0.0 106.2



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: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW007055.D

Acq: 26 Nov 2018 18:32

Instrument :

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ClientSampleId :

OR-02-112118-B

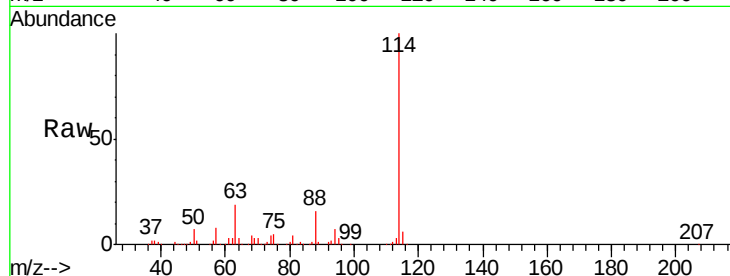
Tgt Ion:114 Resp: 191648

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.4

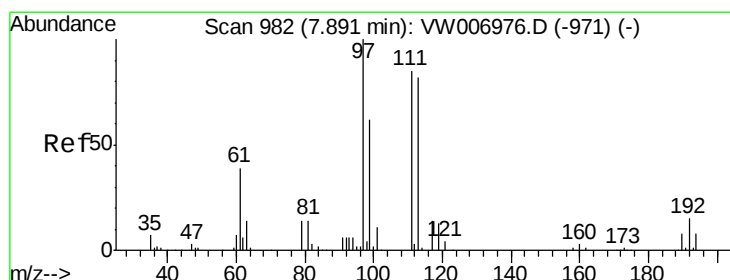
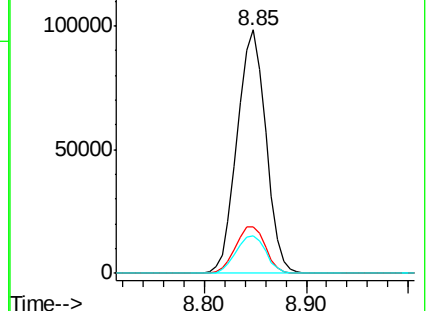
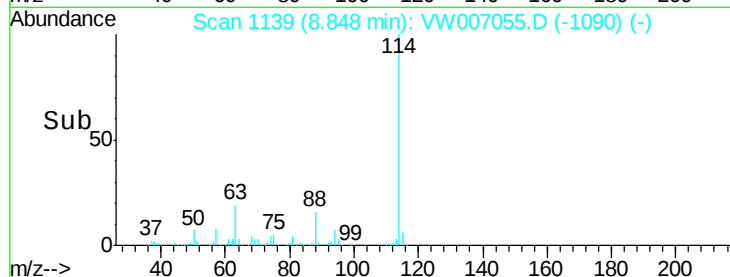
88 15.6 0.0 34.2



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: 46.40 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007055.D

Acq: 26 Nov 2018 18:32

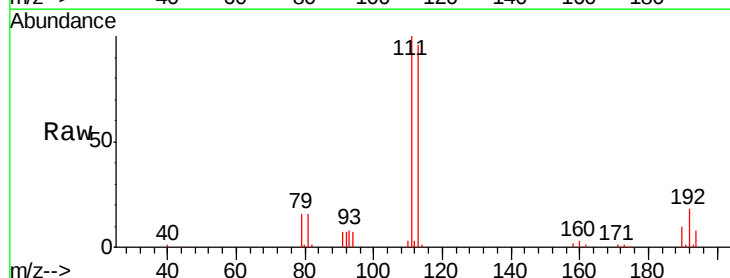
Tgt Ion:113 Resp: 50216

Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.6

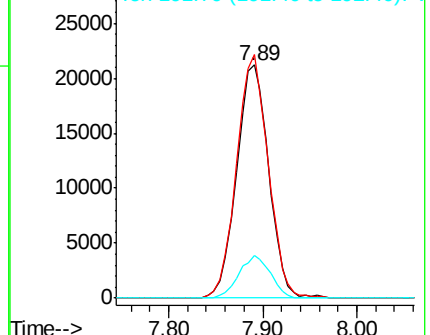
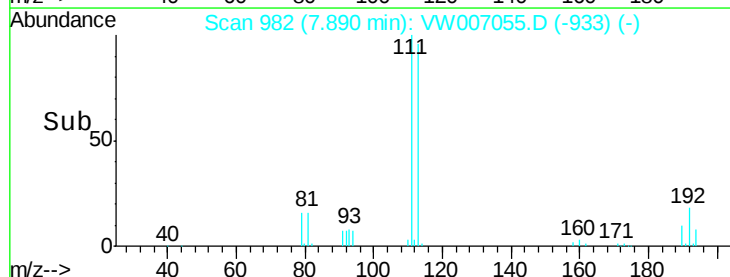
192 18.0 15.0 22.6

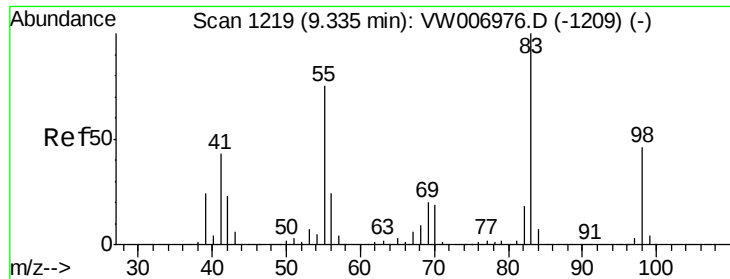


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methylcyclohexane

Concen: 7.73 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW007055.D

Acq: 26 Nov 2018 18:32

Instrument :

MSVOA_W

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OR-02-112118-B

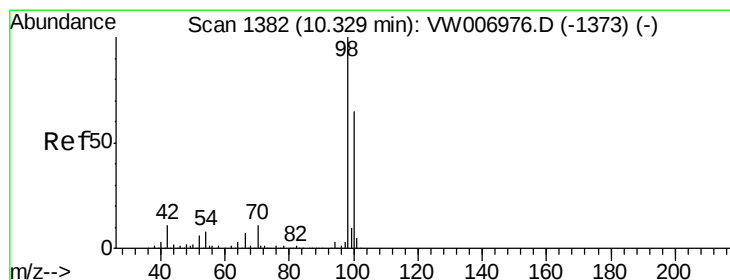
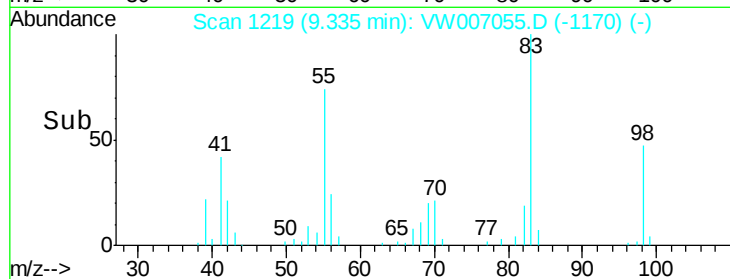
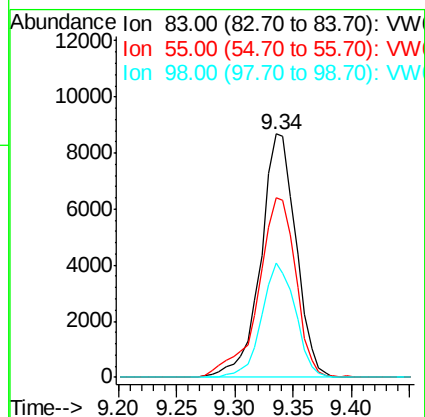
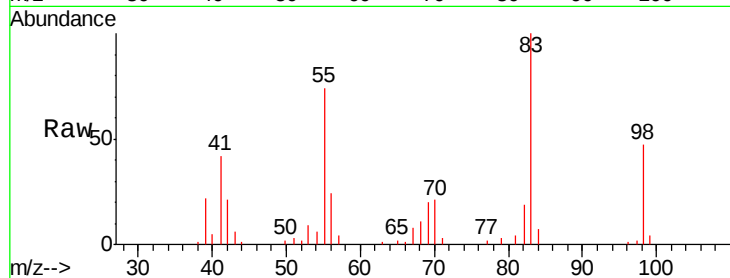
Tgt Ion: 83 Resp: 18113

Ion Ratio Lower Upper

83 100

55 73.6 59.6 89.4

98 46.7 37.1 55.7



#50

Toluene-d8

Concen: 37.43 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007055.D

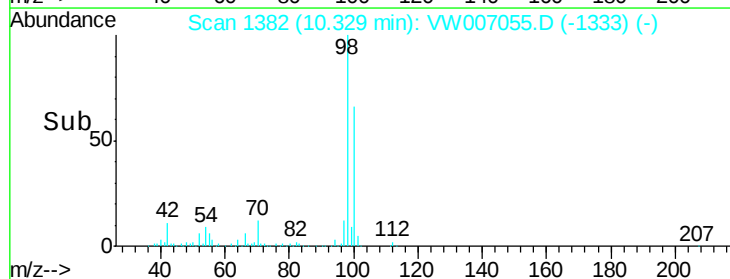
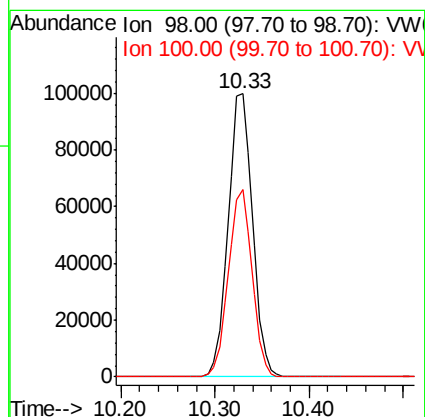
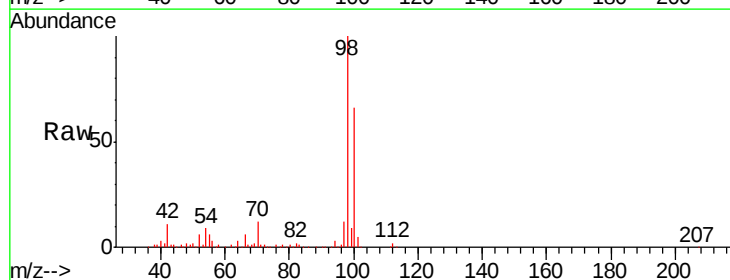
Acq: 26 Nov 2018 18:32

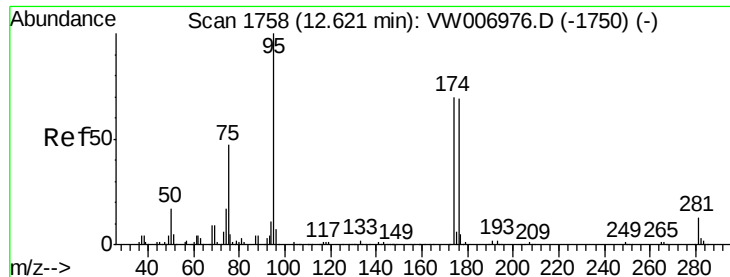
Tgt Ion: 98 Resp: 178885

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2

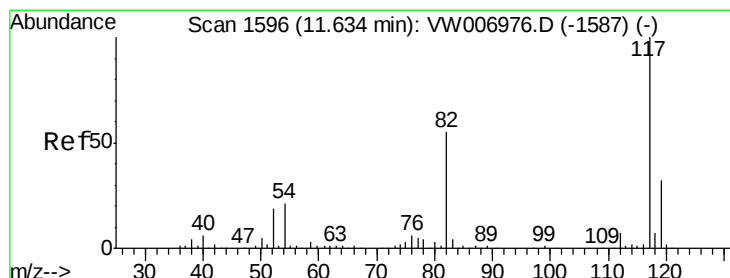
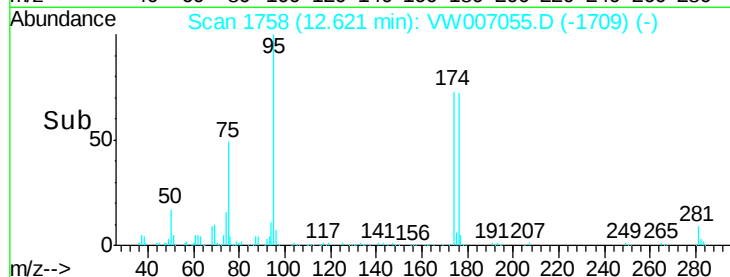
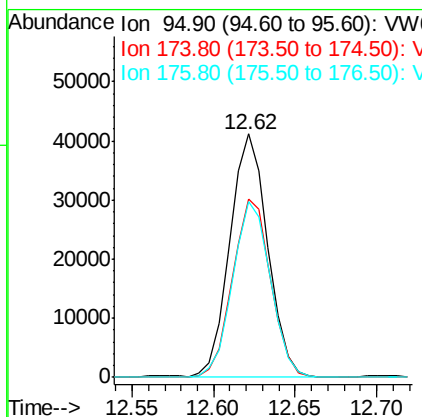
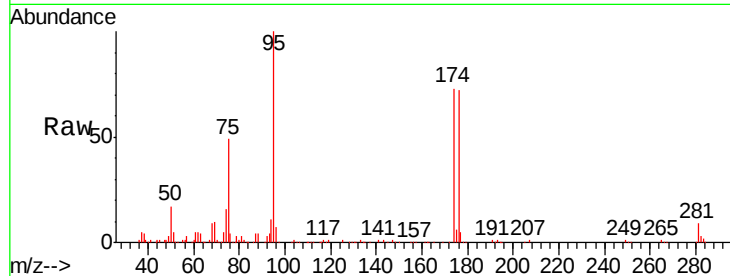




#62
4-Bromofluorobenzene
Concen: 35.18 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007055.D
Acq: 26 Nov 2018 18:32

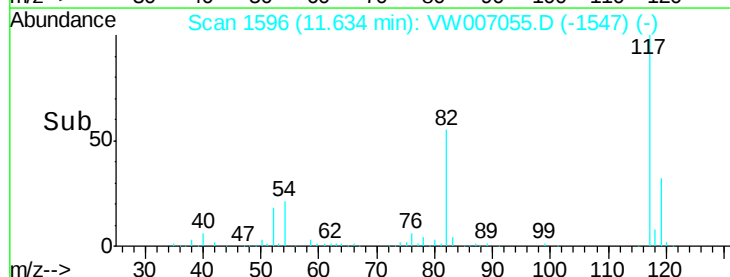
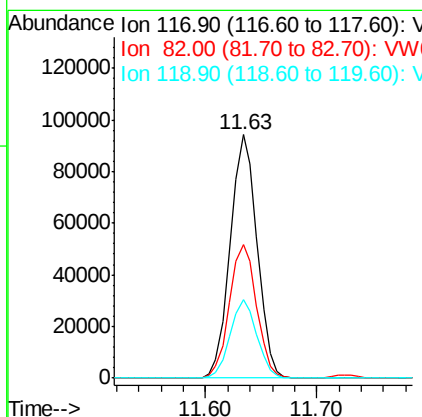
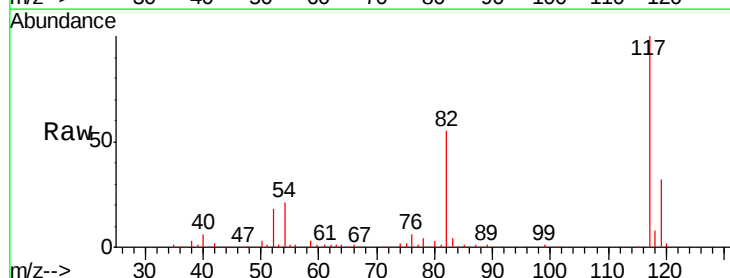
Instrument :
MSVOA_W
ClientSampleId :
OR-02-112118-B

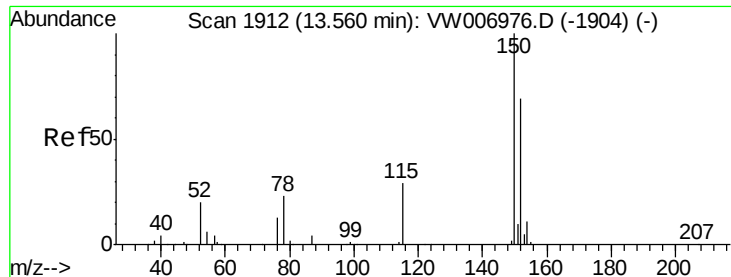
Tgt Ion: 95 Resp: 66167
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.6
176 72.6 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007055.D
Acq: 26 Nov 2018 18:32

Tgt Ion: 117 Resp: 157031
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007055.D

Acq: 26 Nov 2018 18:32

Instrument :

MSVOA_W

ClientSampleId :

OR-02-112118-B

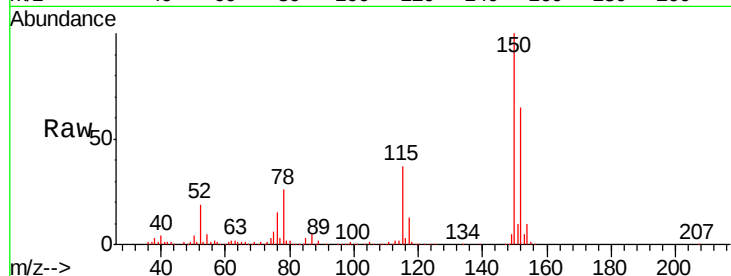
Tgt Ion:152 Resp: 58006

Ion Ratio Lower Upper

152 100

115 62.6 31.4 94.2

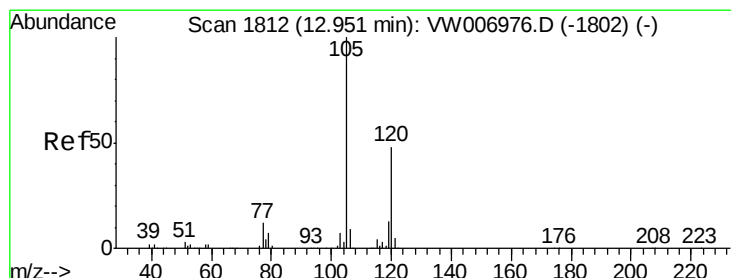
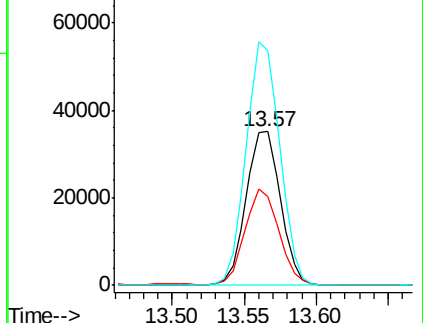
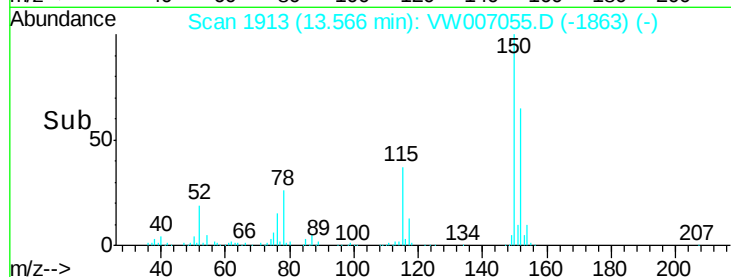
150 155.3 0.0 353.4



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: 2.50 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VW007055.D

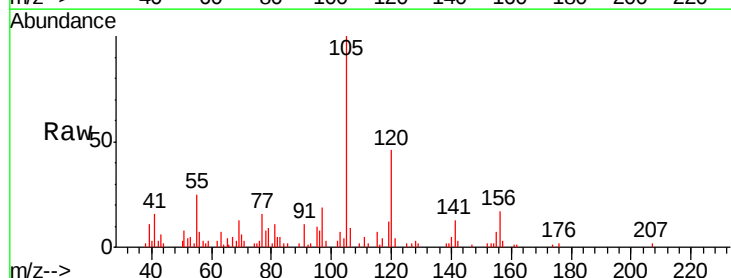
Acq: 26 Nov 2018 18:32

Tgt Ion:105 Resp: 9759

Ion Ratio Lower Upper

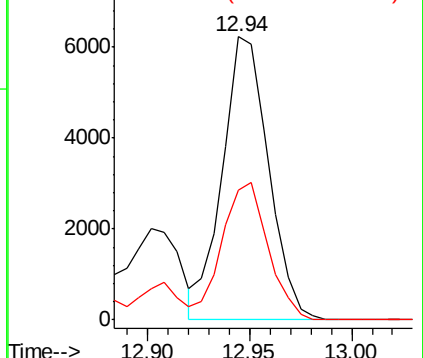
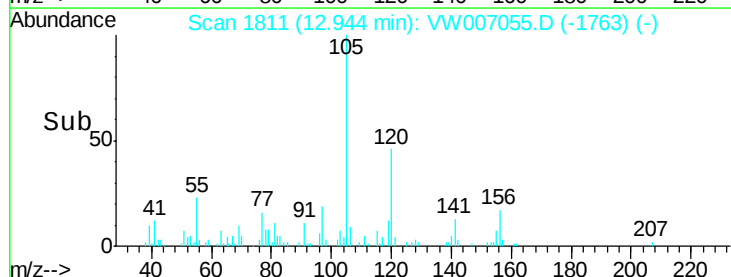
105 100

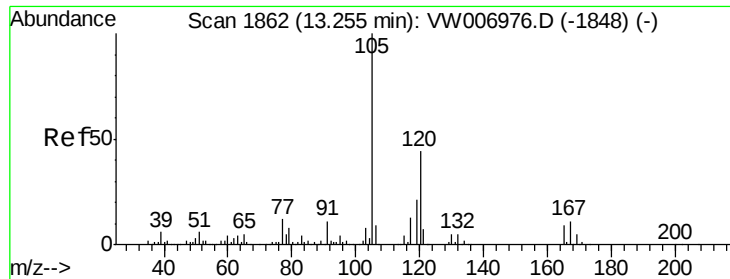
120 48.5 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

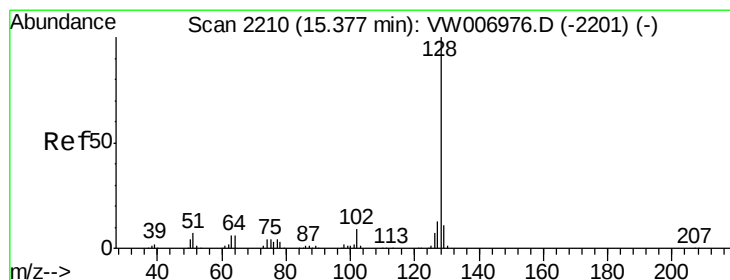
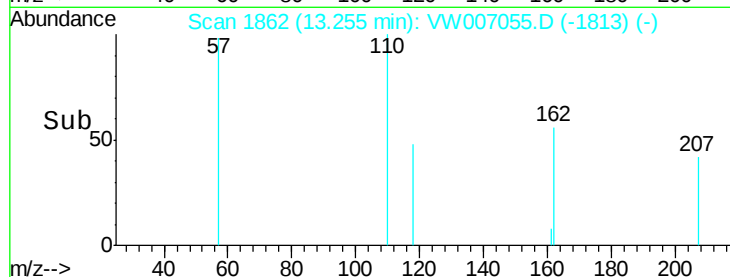
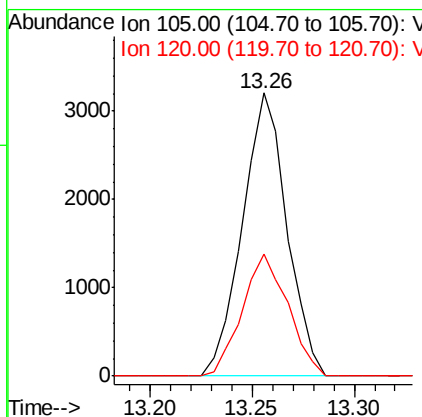
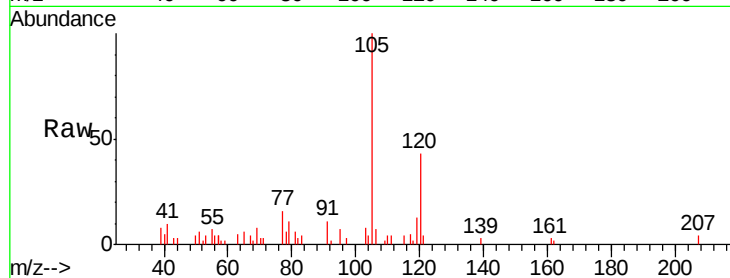




#84
 1,2,4-Trimethylbenzene
 Concen: 1.25 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007055.D
 Acq: 26 Nov 2018 18:32

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

Tgt Ion:105 Resp: 4859
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.8 65.3



#95
 Naphthalene
 Concen: 7.64 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW007055.D
 Acq: 26 Nov 2018 18:32

Tgt Ion:128 Resp: 15840
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.5 15.7
 129 11.7 8.7 13.1

