

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004874.D
 Acq On : 22 Aug 2018 07:28
 Operator : SY/AP
 Sample : J4276-03
 Misc : 6.69G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-082118

Quant Time: Aug 22 08:34:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

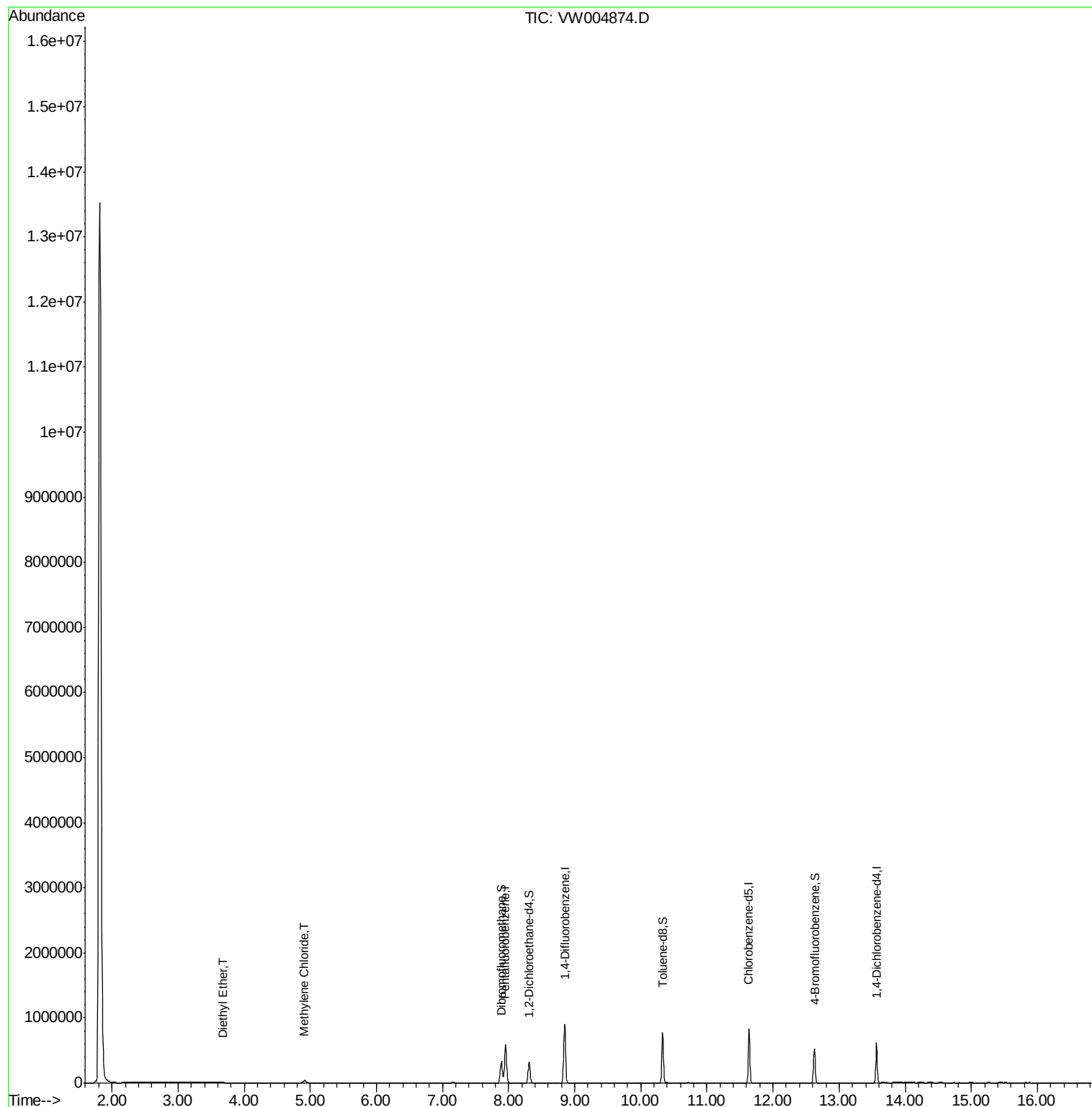
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	467205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	778374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	493696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168665	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	252020	55.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.58%	
35) Dibromofluoromethane	7.89	113	251286	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	10.33	98	531242	27.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.72%	
62) 4-Bromofluorobenzene	12.62	95	181262	25.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.88%	
Target Compounds						
8) Diethyl Ether	3.68	74	6333	2.50	ug/l	91
20) Methylene Chloride	4.91	84	32902	2.12	ug/l	91

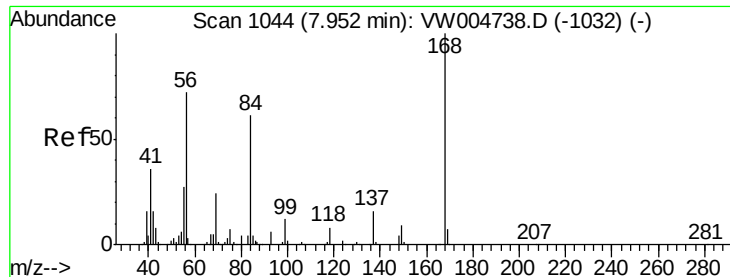
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004874.D

Acq: 22 Aug 2018 07:28

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MSVOA_W

ClientSampleId :

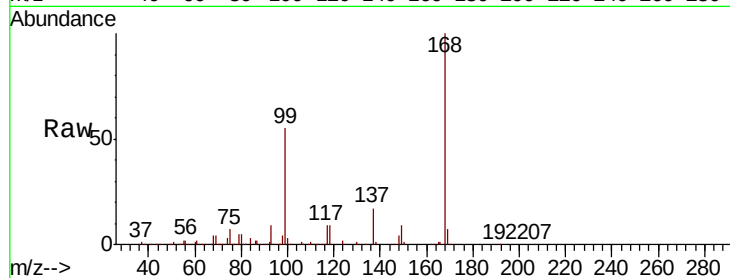
OK-01-082118

Tot Ion:168 Resp: 467205

Ion Ratio Lower Upper

168 100

99 54.7 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

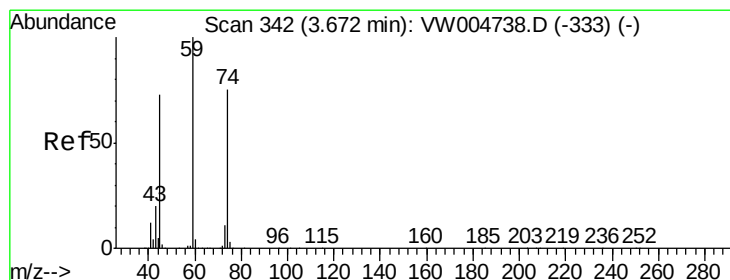
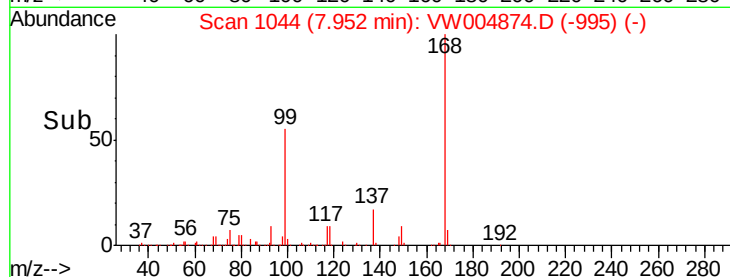
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.50 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.01 min

Lab File: VW004874.D

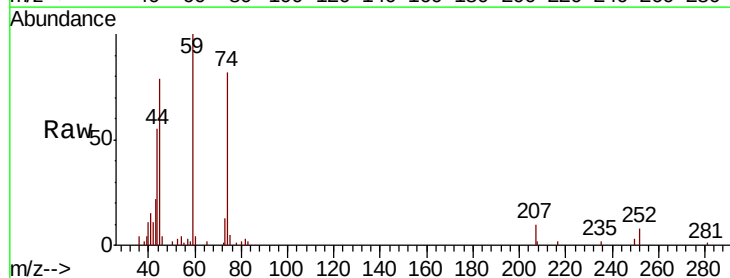
Acq: 22 Aug 2018 07:28

Tgt Ion: 74 Resp: 6333

Ion Ratio Lower Upper

74 100

45 108.5 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

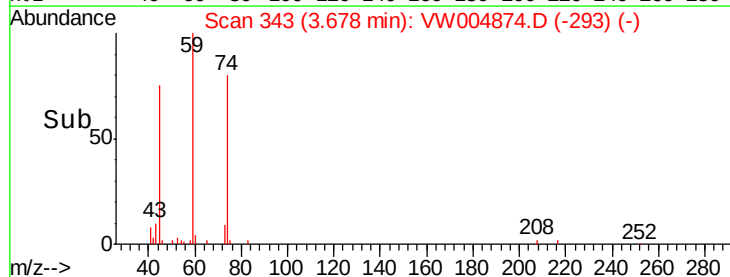
3000

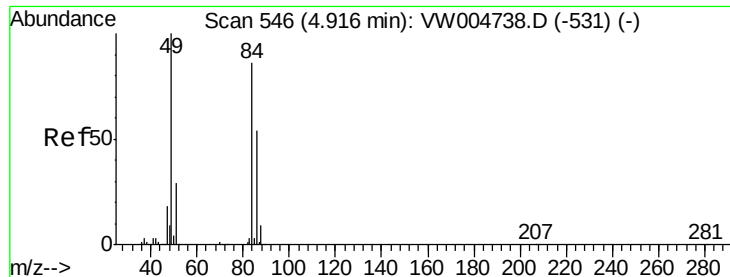
2000

1000

0

Time--> 3.60 3.65 3.70 3.75

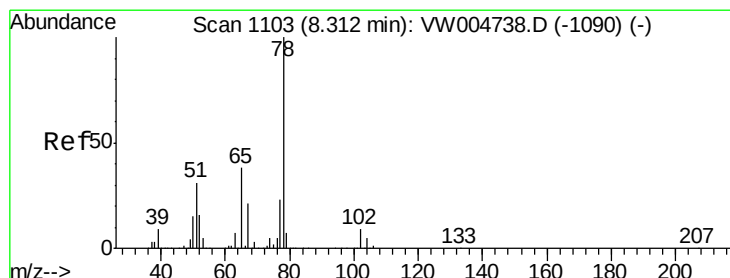
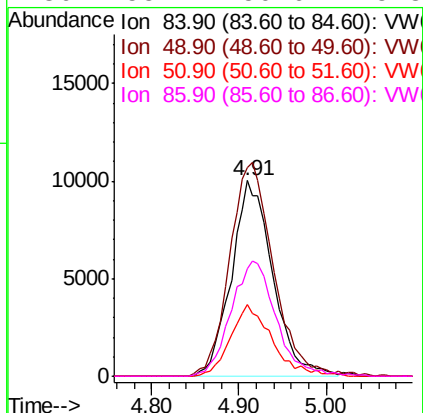
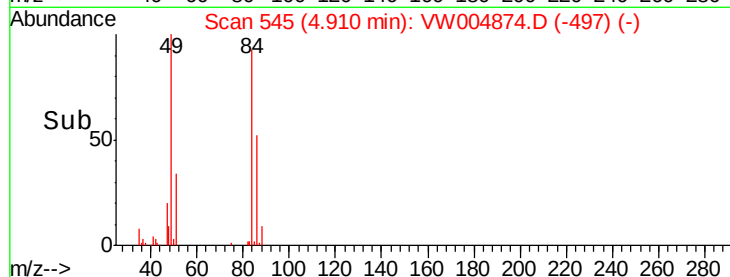
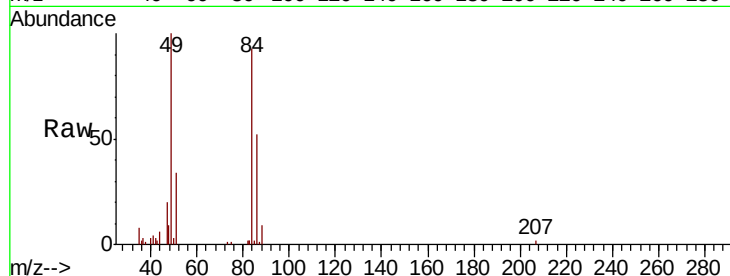




#20
Methylene Chloride
Concen: 2.12 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004874.D
Acq: 22 Aug 2018 07:28

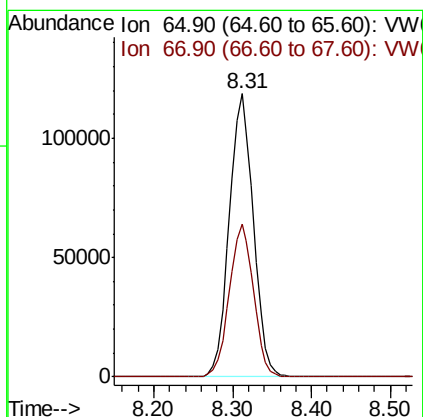
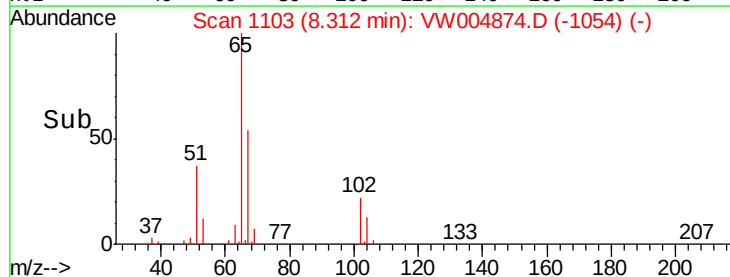
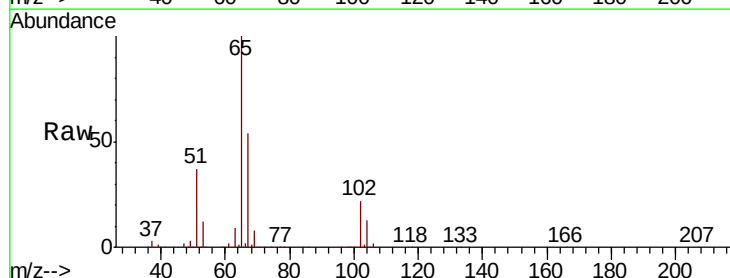
Instrument :
MSVOA_W
ClientSampleId :
OK-01-082118

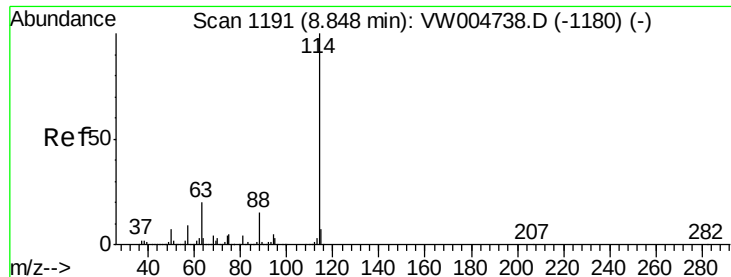
Tot Ion: 84 Resp: 32902
Ion Ratio Lower Upper
84 100
49 107.0 93.2 139.8
51 36.7 27.4 41.0
86 55.2 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 55.79 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004874.D
Acq: 22 Aug 2018 07:28

Tgt Ion: 65 Resp: 252020
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.4

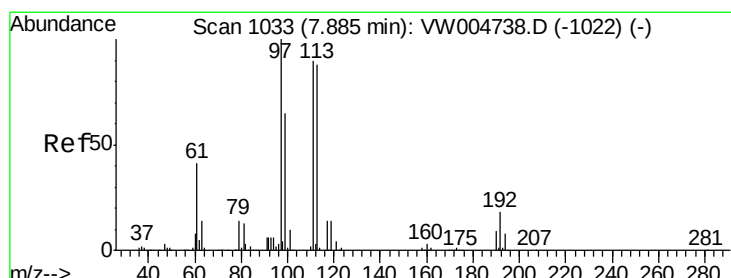
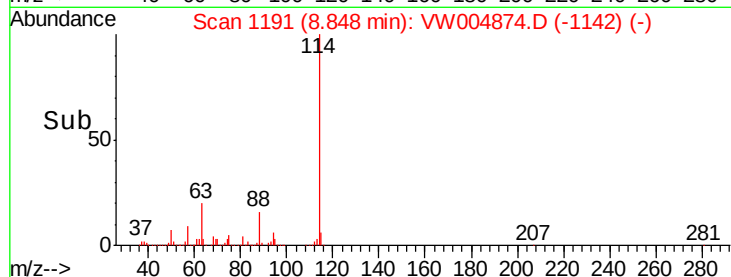
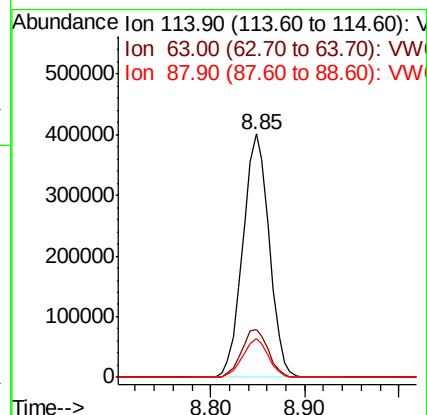
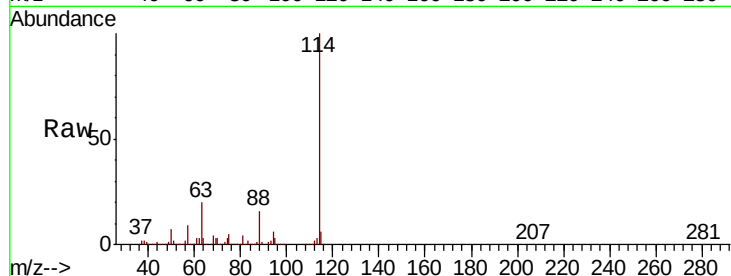




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004874.D
 Acq: 22 Aug 2018 07:28

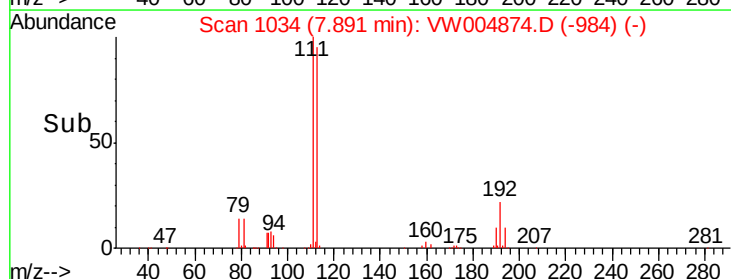
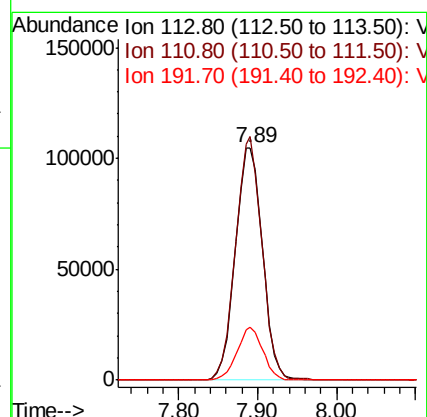
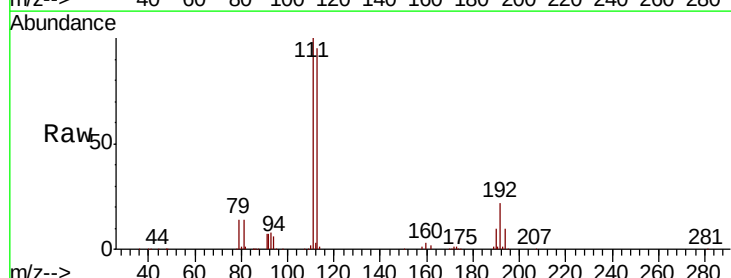
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-082118

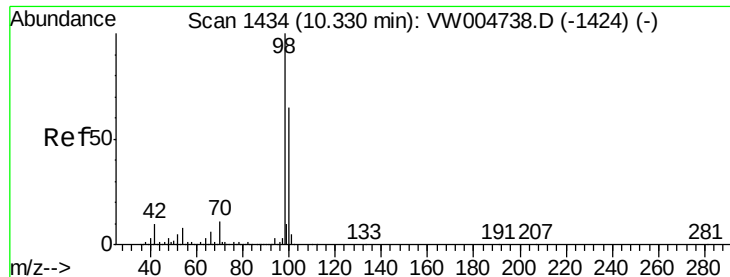
Tot Ion:114 Resp: 778374
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.8 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 50.51 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004874.D
 Acq: 22 Aug 2018 07:28

Tgt Ion:113 Resp: 251286
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.4 123.6
 192 21.6 16.7 25.1





#50

Toluene-d8

Concen: 27.36 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004874.D

Acq: 22 Aug 2018 07:28

Instrument :

MSVOA_W

ClientSampleId :

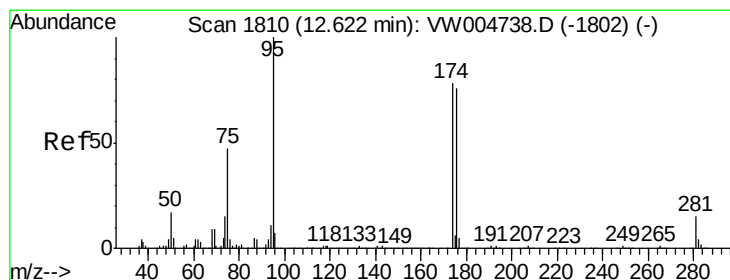
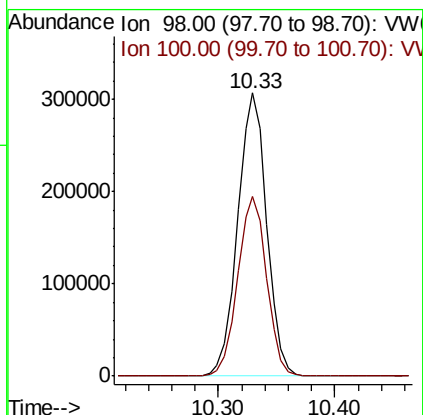
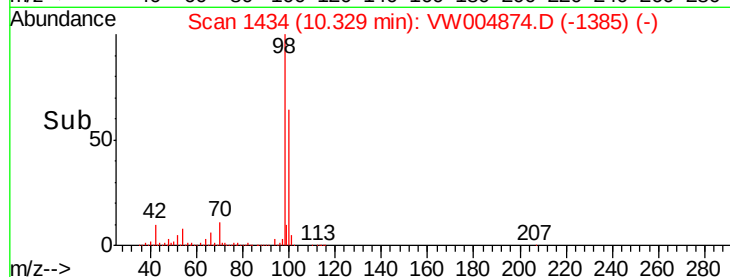
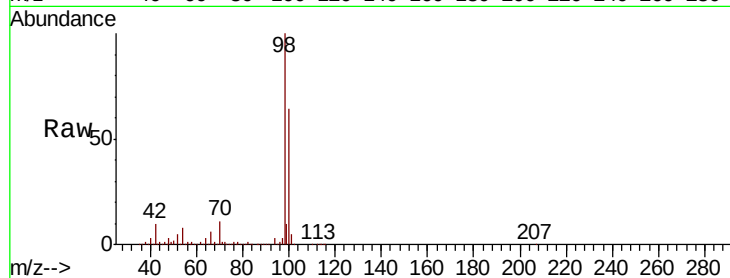
OK-01-082118

Tot Ion: 98 Resp: 531242

Ion Ratio Lower Upper

98 100

100 63.5 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 25.94 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004874.D

Acq: 22 Aug 2018 07:28

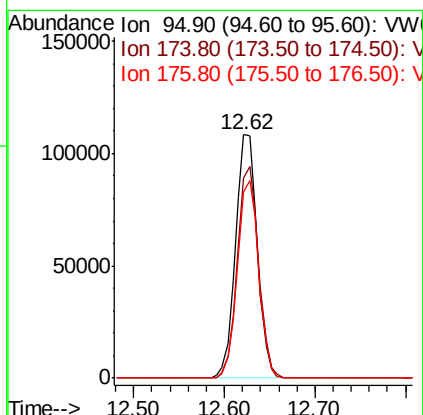
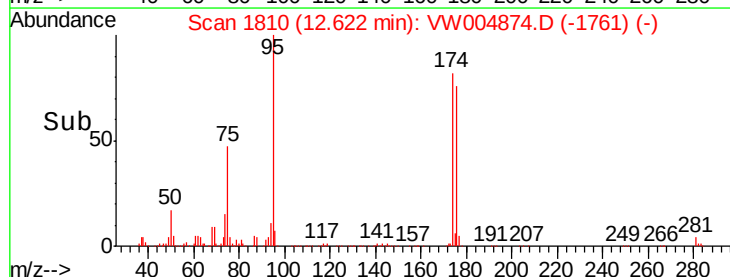
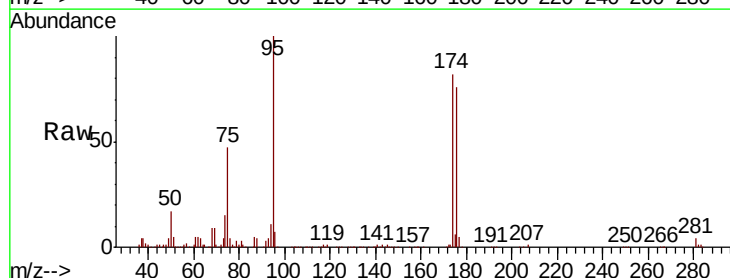
Tgt Ion: 95 Resp: 181262

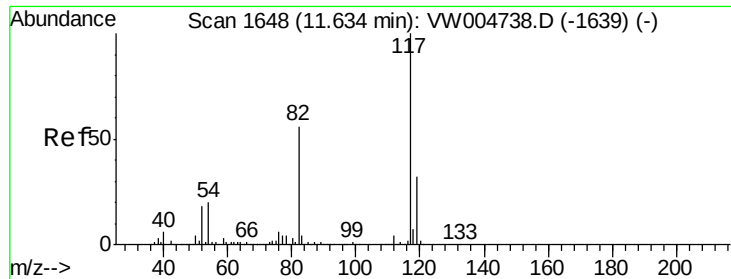
Ion Ratio Lower Upper

95 100

174 85.0 0.0 165.8

176 79.6 0.0 159.8

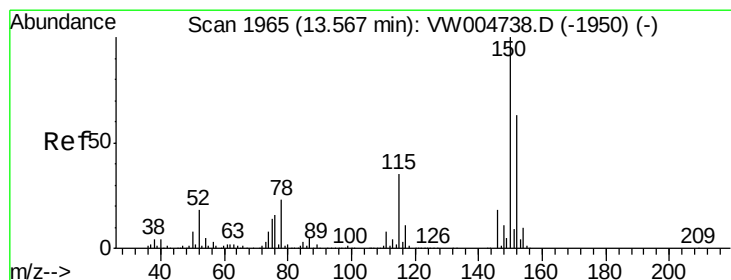
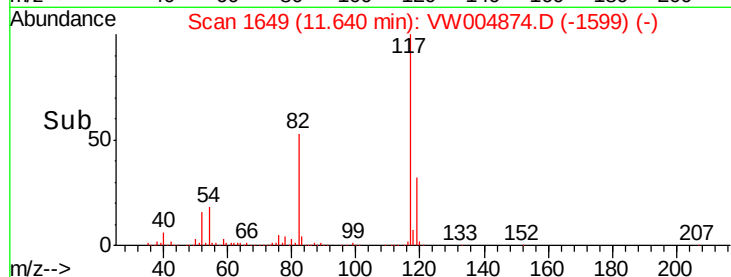
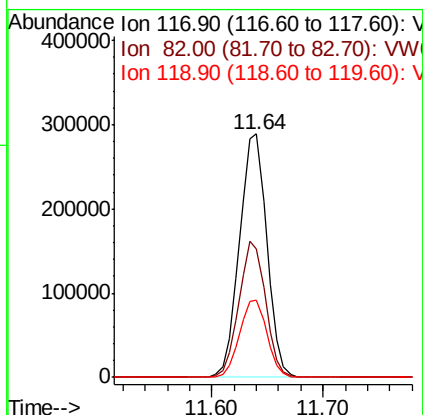
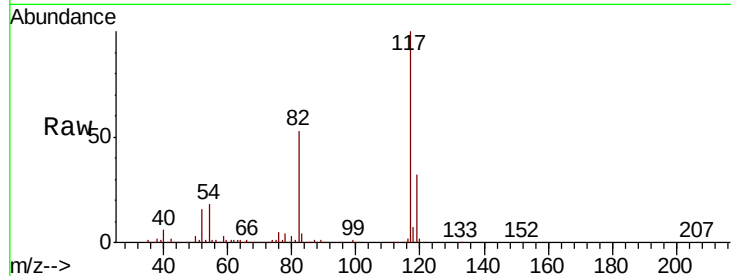




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004874.D
Acq: 22 Aug 2018 07:28

Instrument :
MSVOA_W
ClientSampleId :
OK-01-082118

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	44.6	67.0
119	32.0	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004874.D
Acq: 22 Aug 2018 07:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.5	85.5
150	156.4	0.0	344.8

