

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004749.D
 Acq On : 17 Aug 2018 22:47
 Operator : SY/AP
 Sample : J4282-07
 Misc : 6.98G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-01-081518-B

Quant Time: Aug 18 03:09:59 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	582865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	967367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	853350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	362087	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	318003	56.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.86%	
35) Dibromofluoromethane	7.88	113	301440	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
50) Toluene-d8	10.33	98	1055523	43.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.46%	
62) 4-Bromofluorobenzene	12.62	95	319598	36.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.62%	

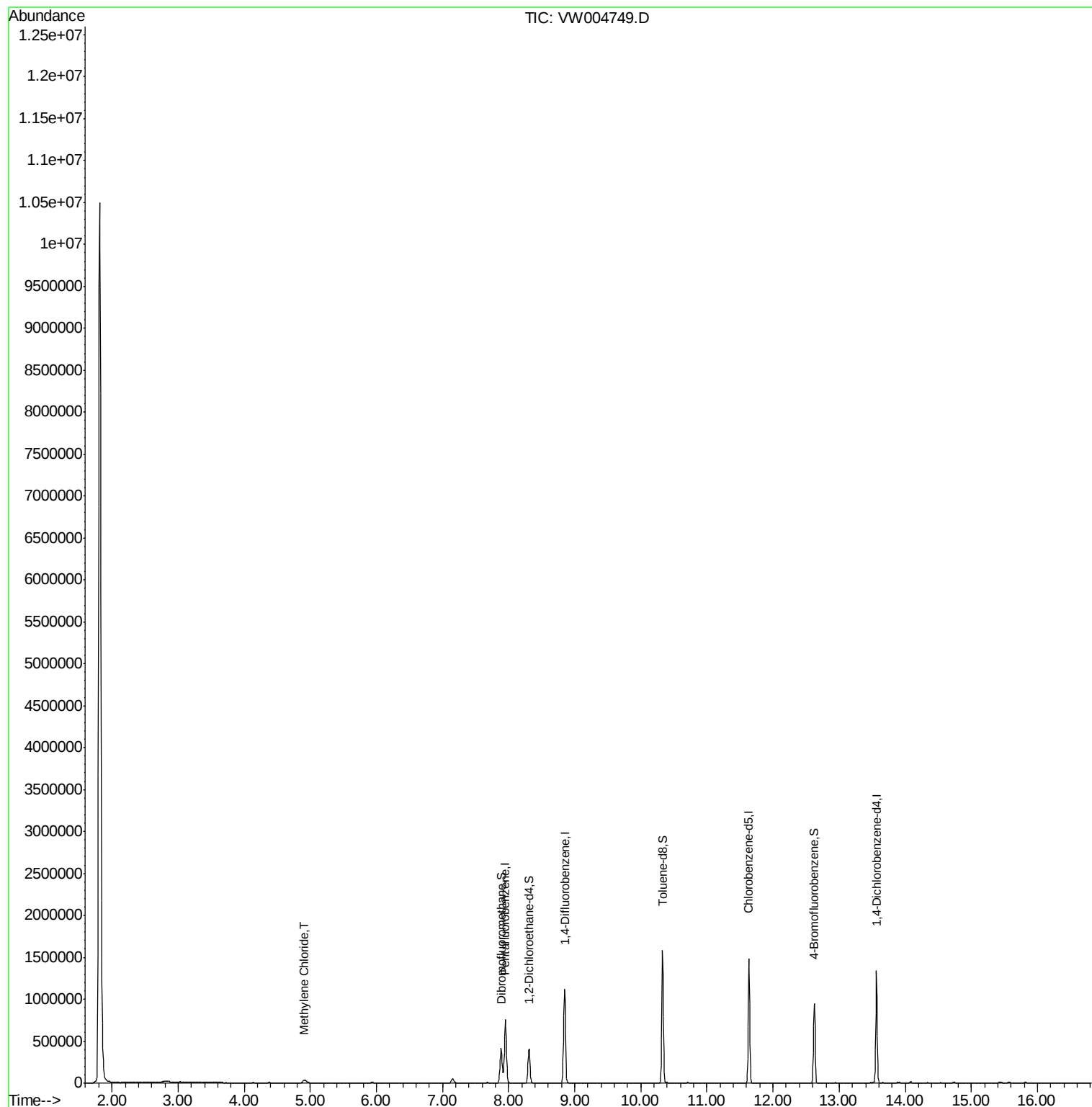
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	35546	1.20	ug/l	96

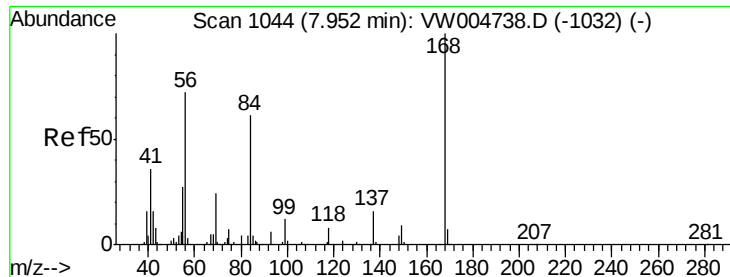
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004749.D

Acq: 17 Aug 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

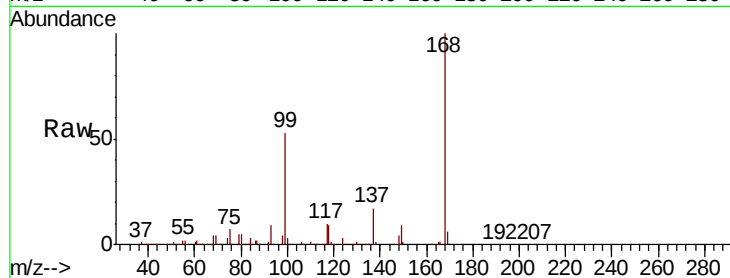
SU-01-081518-B

Tot Ion:168 Resp: 582865

Ion Ratio Lower Upper

168 100

99 53.0 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

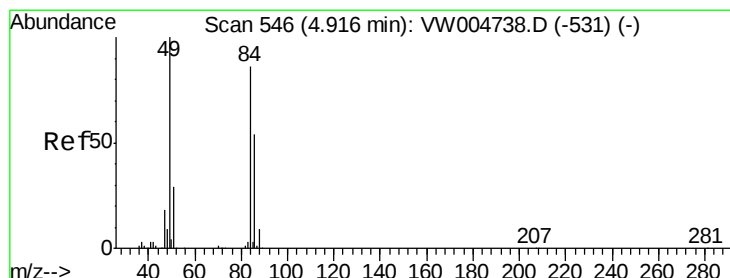
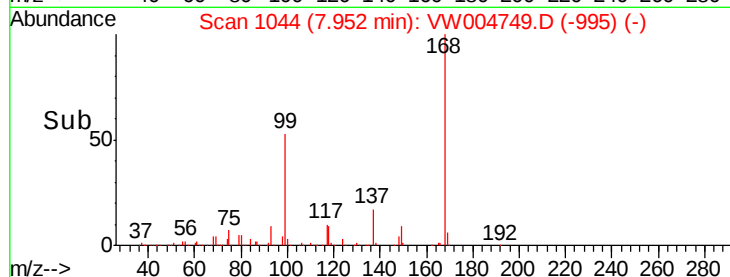
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 1.20 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

Lab File: VW004749.D

Acq: 17 Aug 2018 22:47

Tgt Ion: 84 Resp: 35546

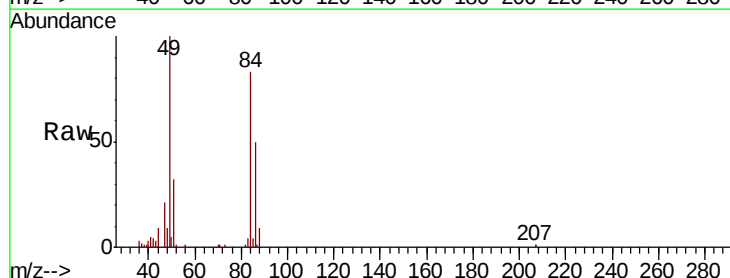
Ion Ratio Lower Upper

84 100

49 120.1 93.2 139.8

51 38.5 27.4 41.0

86 59.9 50.6 75.8



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

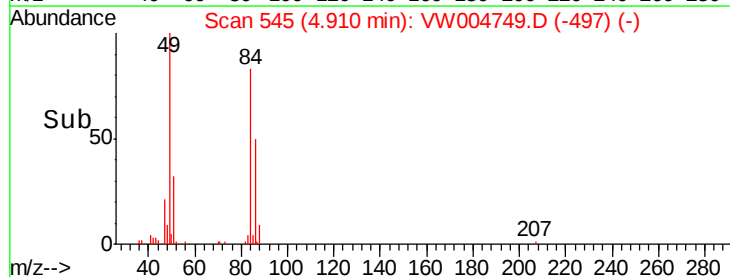
15000

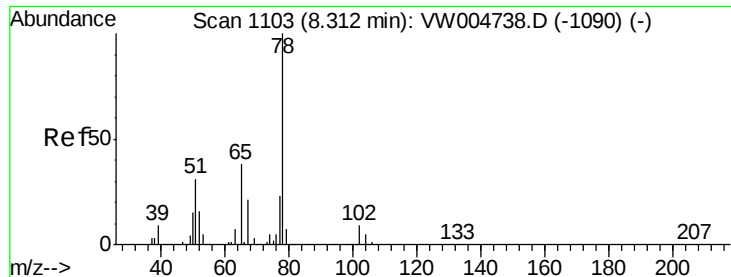
10000

5000

0

Time--> 4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 56.43 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004749.D

Acq: 17 Aug 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

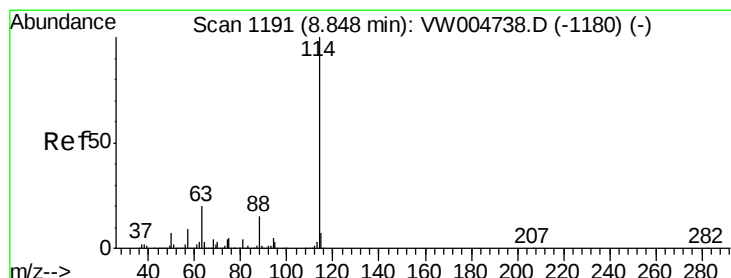
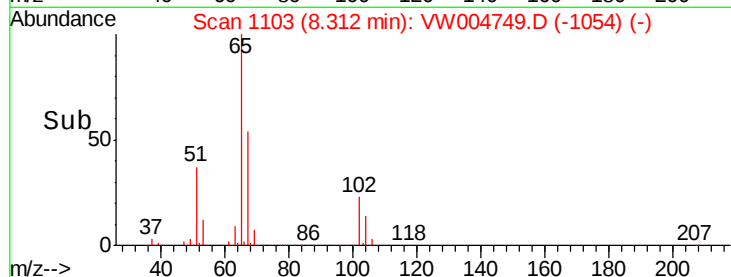
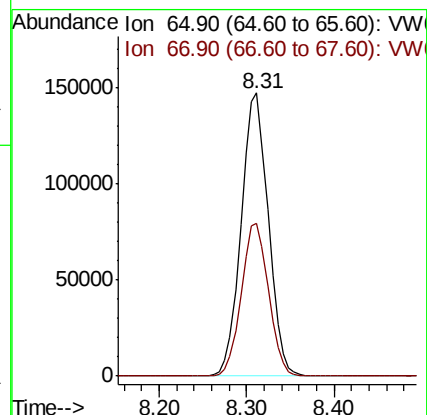
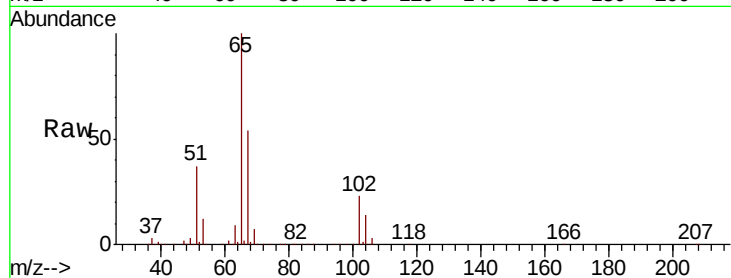
SU-01-081518-B

Tot Ion: 65 Resp: 318003

Ion Ratio Lower Upper

65 100

67 54.1 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: VW004749.D

Acq: 17 Aug 2018 22:47

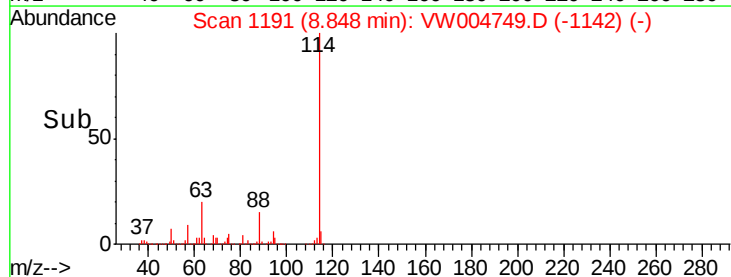
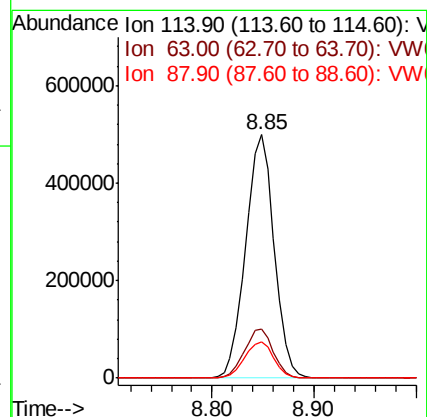
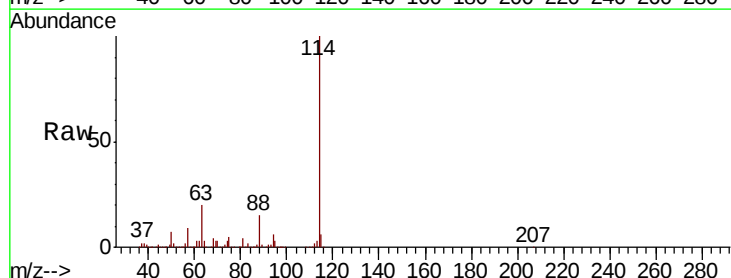
Tgt Ion: 114 Resp: 967367

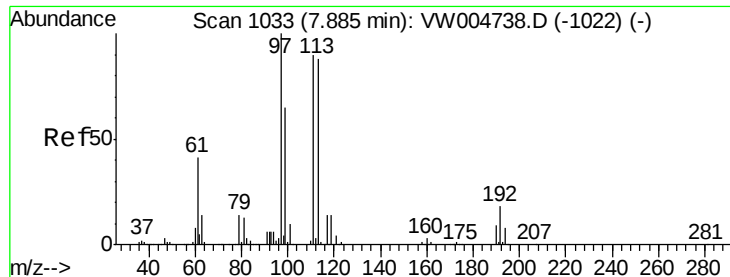
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.75 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004749.D

Acq: 17 Aug 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

SU-01-081518-B

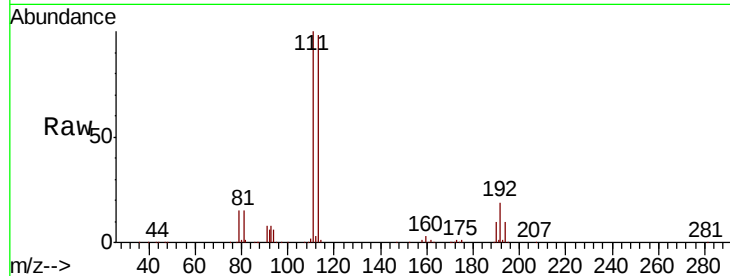
Tot Ion:113 Resp: 301440

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

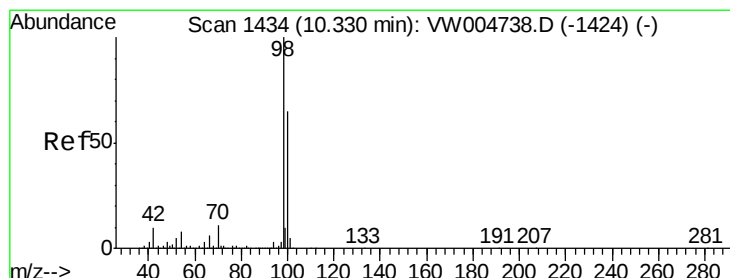
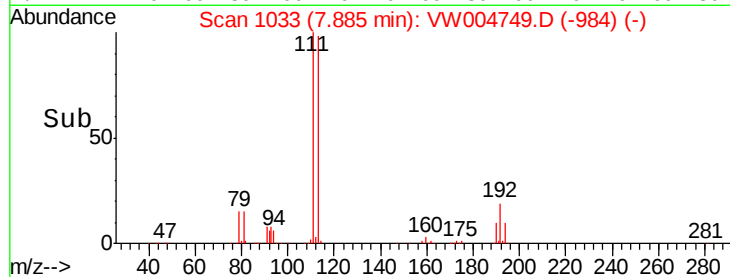
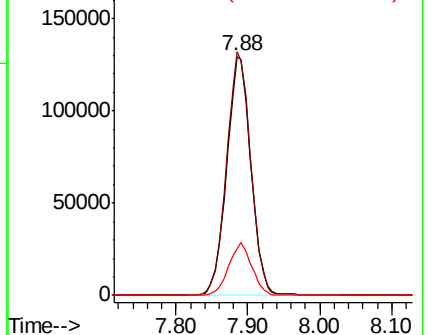
192 21.3 16.7 25.1



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



#50

Toluene-d8

Concen: 43.73 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004749.D

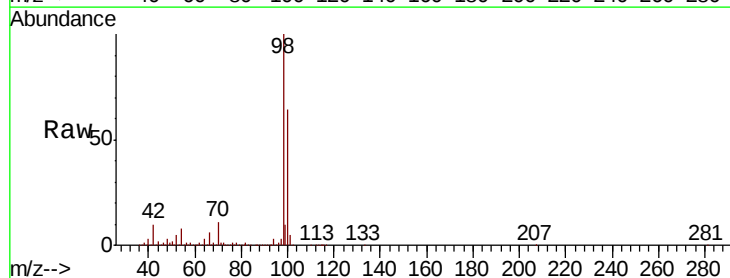
Acq: 17 Aug 2018 22:47

Tgt Ion: 98 Resp: 1055523

Ion Ratio Lower Upper

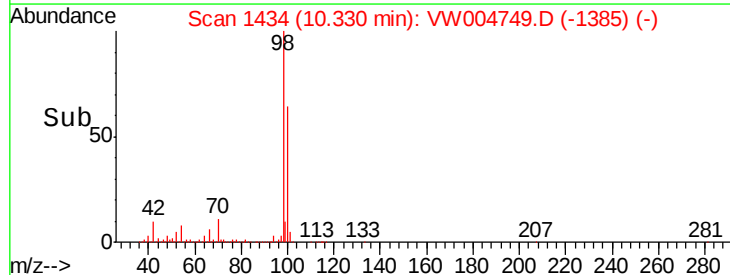
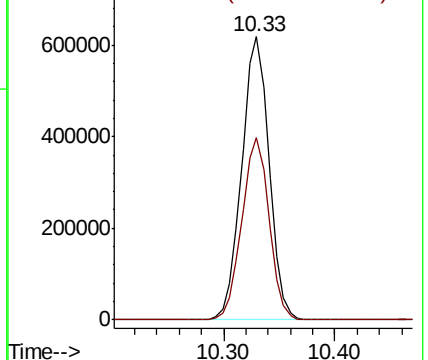
98 100

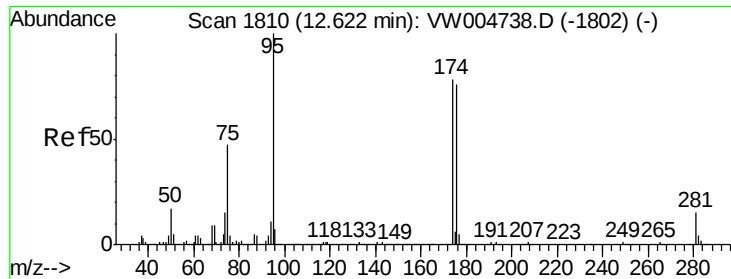
100 63.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

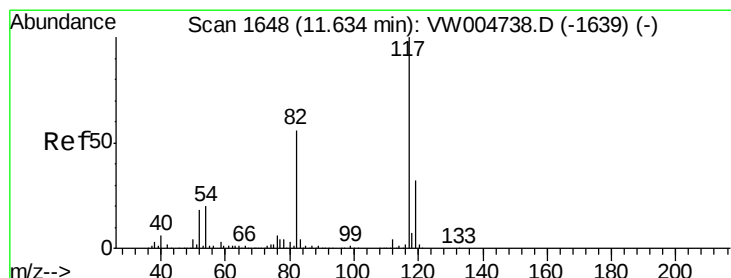
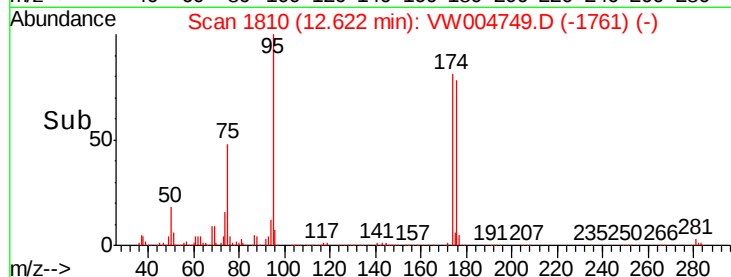
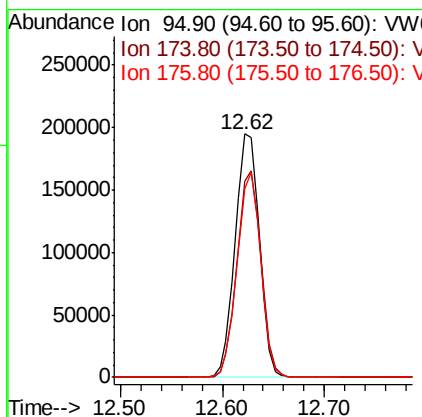
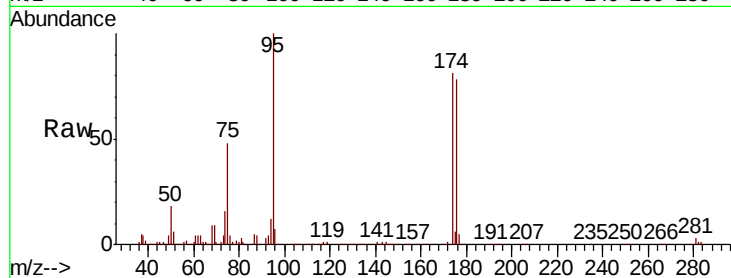




#62
4-Bromofluorobenzene
Concen: 36.81 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004749.D
Acq: 17 Aug 2018 22:47

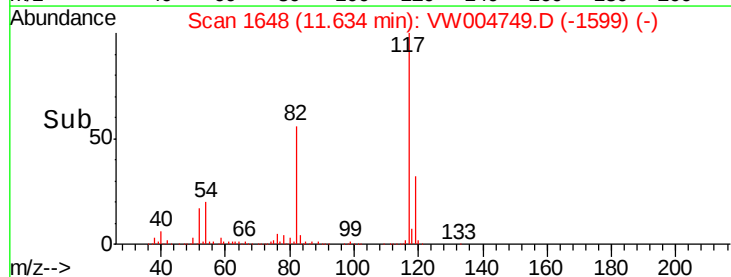
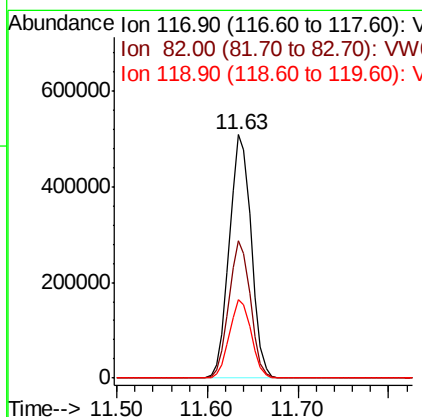
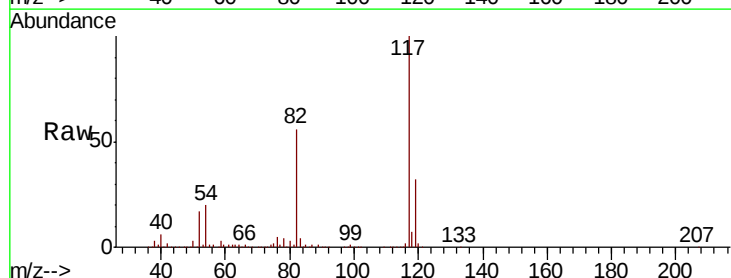
Instrument :
MSVOA_W
ClientSampleId :
SU-01-081518-B

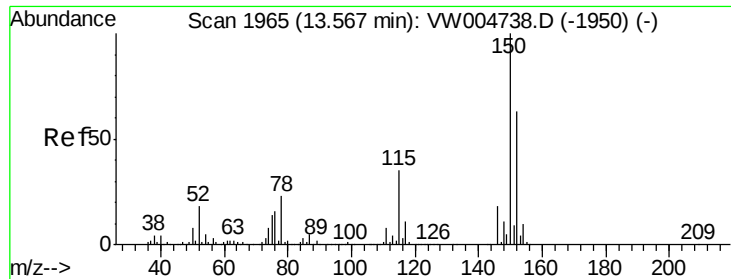
Tot Ion	95	Resp	319598
Ion Ratio	100		
Lower			
Upper			
95	100		
174	84.4	0.0	165.8
176	81.9	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004749.D
Acq: 17 Aug 2018 22:47

Tgt Ion	117	Resp	853350
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
117	100		
82	56.4	44.6	67.0
119	32.4	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: VW004749.D

Acq: 17 Aug 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

SU-01-081518-B

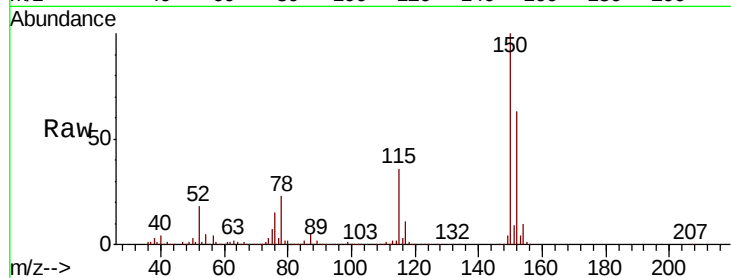
Tot Ion:152 Resp: 362087

Ion Ratio Lower Upper

152 100

115 56.8 28.5 85.5

150 157.8 0.0 344.8



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

