

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004592.D
 Acq On : 10 Aug 2018 13:06
 Operator : SY/AP
 Sample : J4310-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-1

Quant Time: Aug 11 01:48:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	557983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	899154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	748158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	244081	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	289762	46.91	ug/l	0.00
Spiked Amount			Recovery	=	93.82%	
35) Dibromofluoromethane	7.89	113	275974	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	
50) Toluene-d8	10.33	98	885712	38.75	ug/l	0.00
Spiked Amount			Recovery	=	77.50%	
62) 4-Bromofluorobenzene	12.62	95	221275	26.88	ug/l	0.00
Spiked Amount			Recovery	=	53.76%	

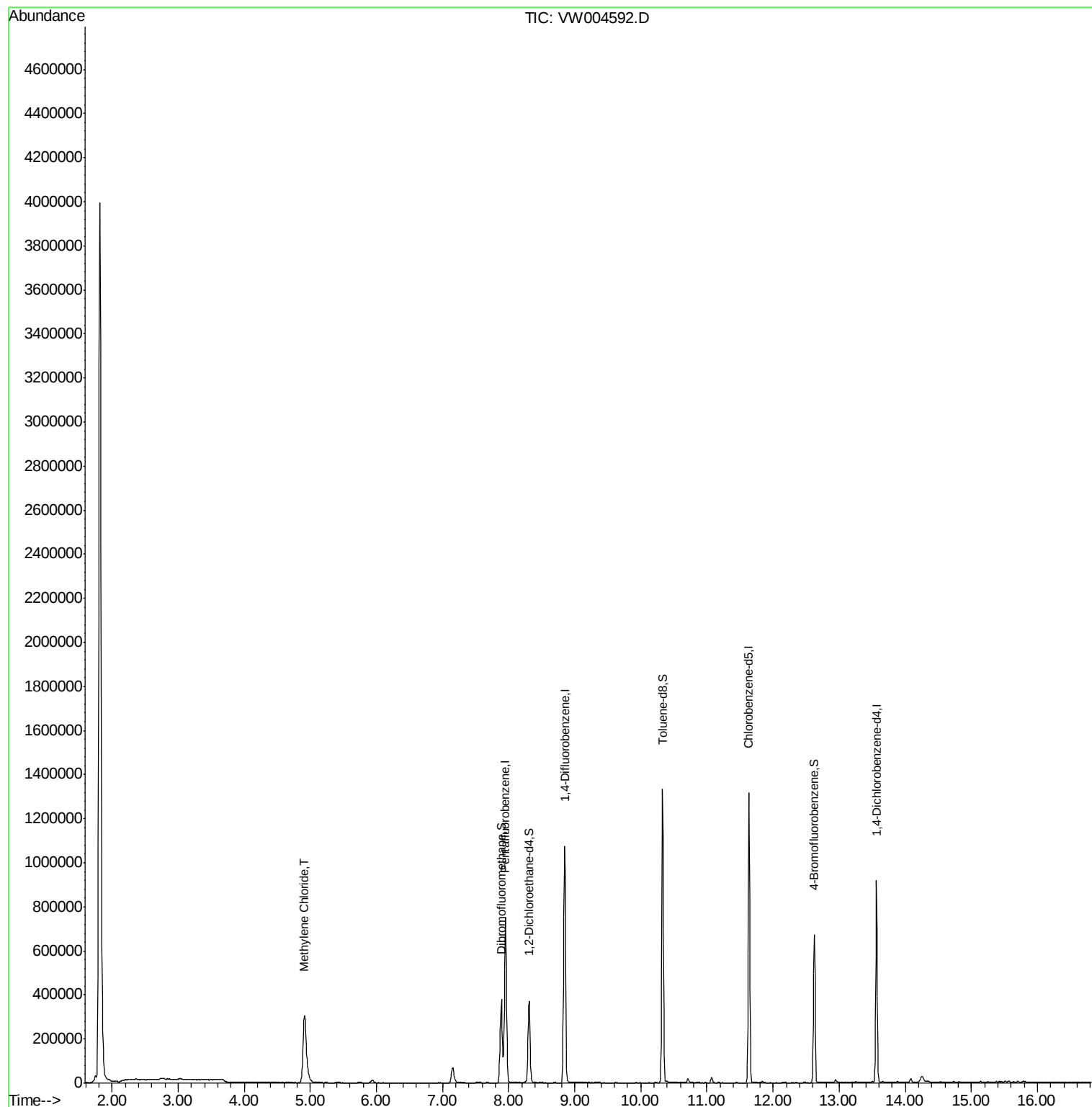
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	285566	35.30	ug/l	99

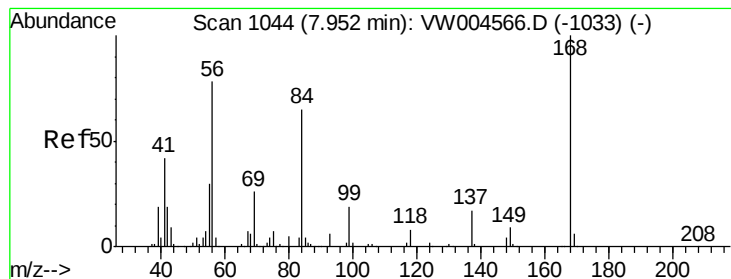
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW004592.D

Acq: 10 Aug 2018 13:06

Instrument :

MSVOA_W

ClientSampled :

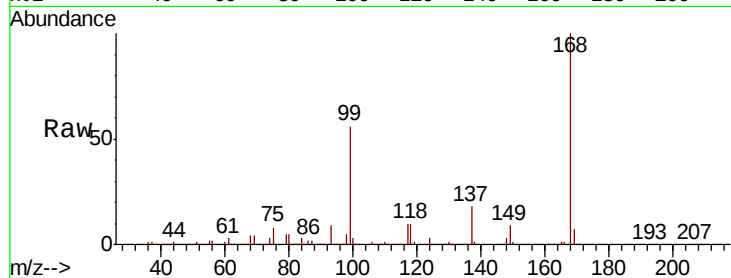
C-1

Tot Ion:168 Resp: 557983

Ion Ratio Lower Upper

168 100

99 55.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

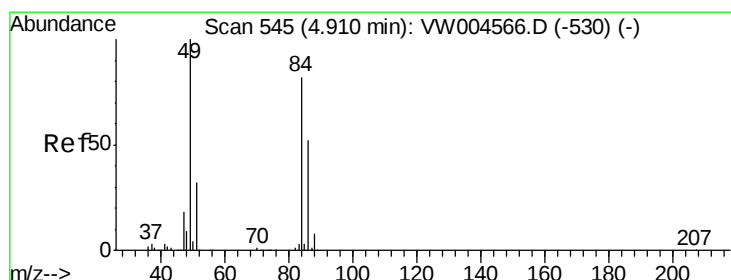
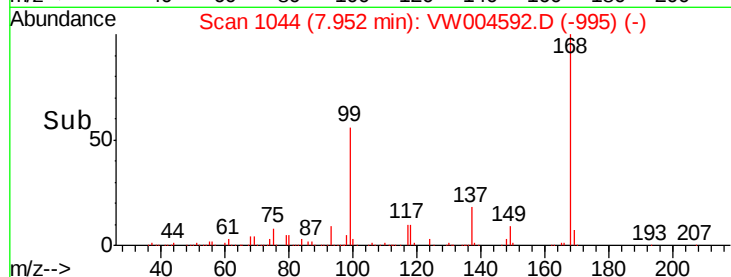
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 35.30 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004592.D

Acq: 10 Aug 2018 13:06

Tgt Ion: 84 Resp: 285566

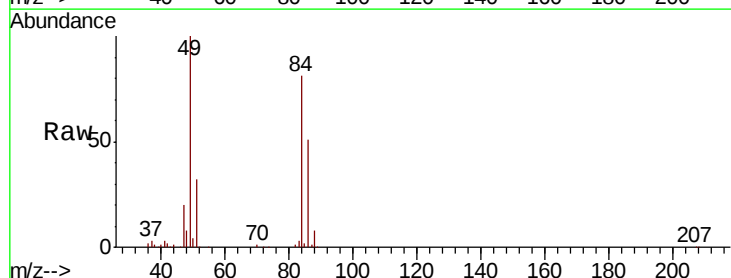
Ion Ratio Lower Upper

84 100

49 123.8 99.6 149.4

51 39.3 31.0 46.4

86 63.7 51.5 77.3



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

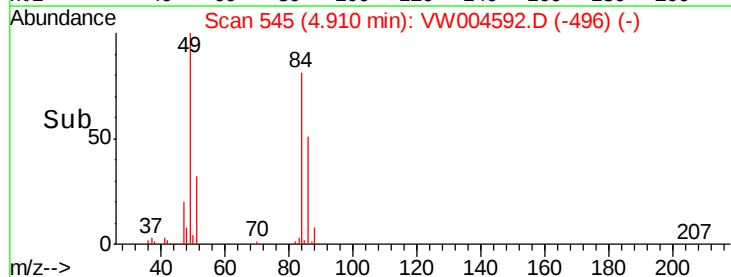
4.91

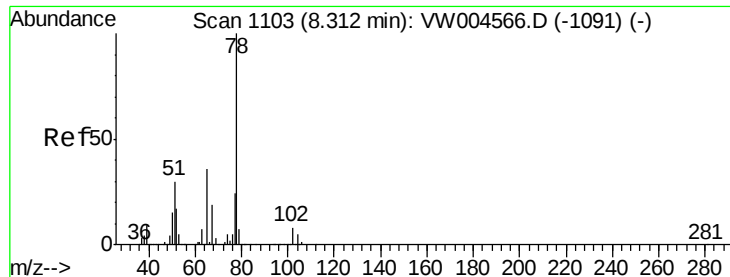
100000

50000

0

Time--> 4.80 4.90 5.00 5.20





#33

1,2-Dichloroethane-d4

Concen: 46.91 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004592.D

Acq: 10 Aug 2018 13:06

Instrument :

MSVOA_W

ClientSampled :

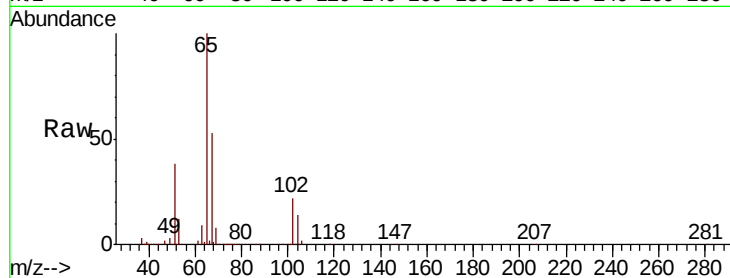
C-1

Tot Ion: 65 Resp: 289762

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

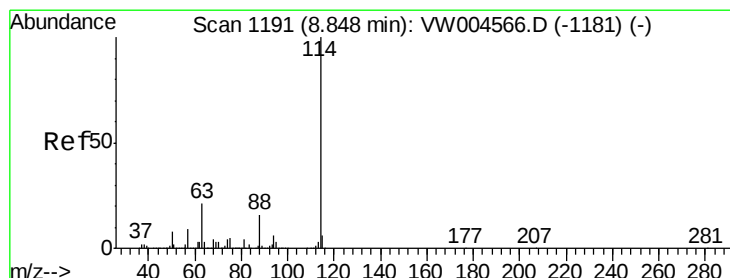
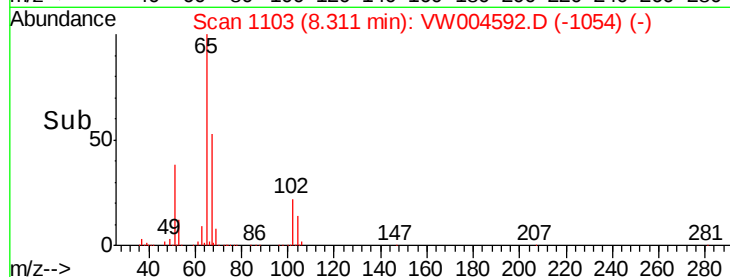
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004592.D

Acq: 10 Aug 2018 13:06

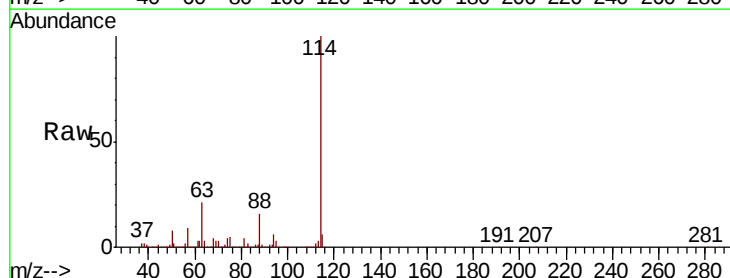
Tgt Ion: 114 Resp: 899154

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

88 15.8 0.0 31.2



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

600000

500000

400000

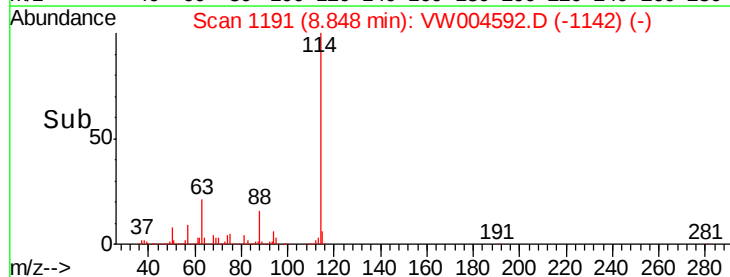
300000

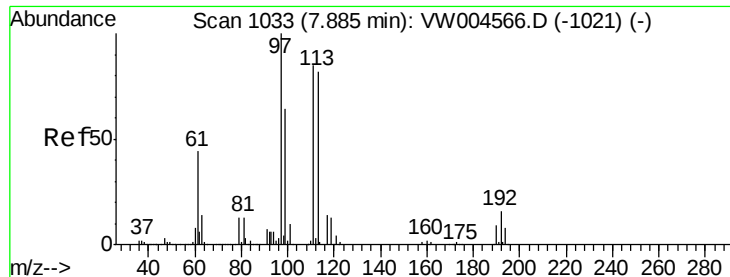
200000

100000

0

Time-->

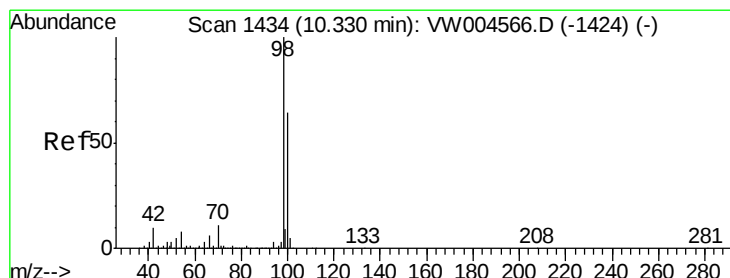
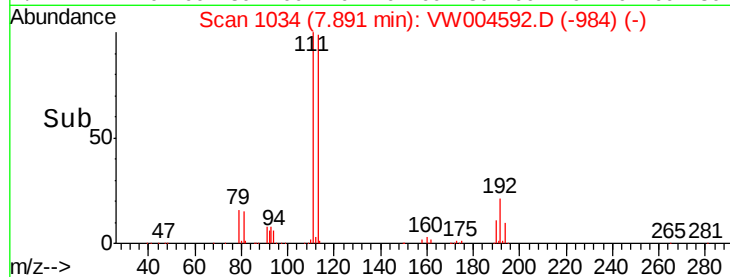
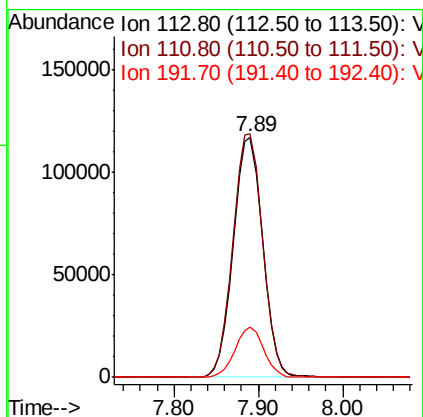
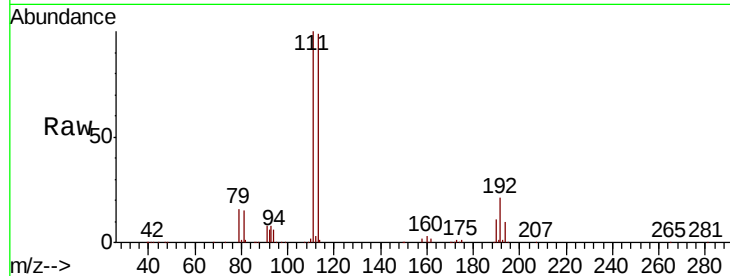




#35
 Dibromofluoromethane
 Concen: 46.03 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004592.D
 Acq: 10 Aug 2018 13:06

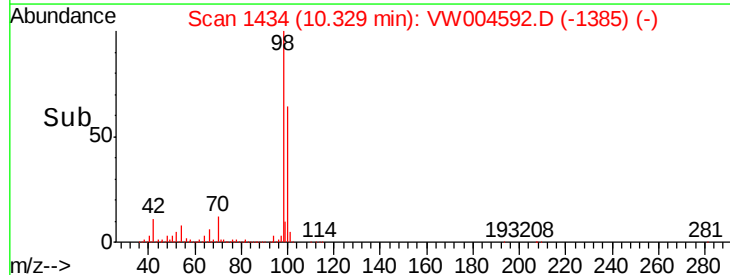
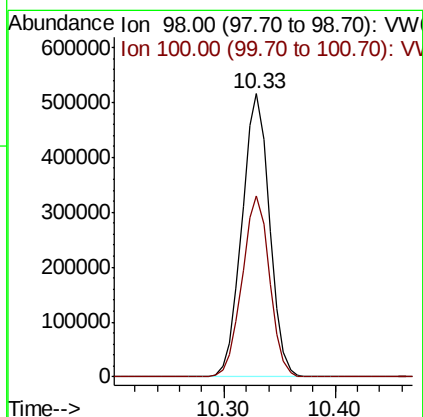
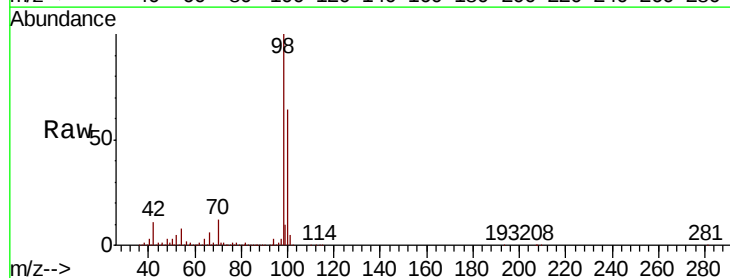
Instrument :
 MSVOA_W
 ClientSampleId :
 C-1

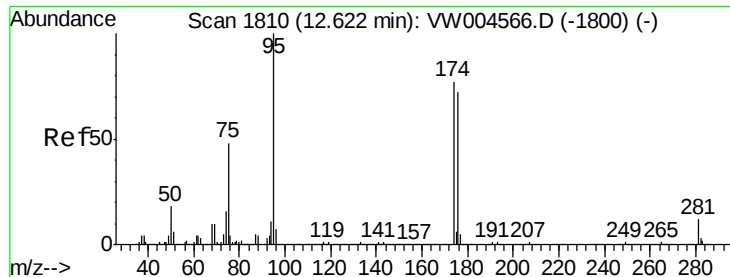
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	20.4	15.8	23.6



#50
 Toluene-d8
 Concen: 38.75 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW004592.D
 Acq: 10 Aug 2018 13:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.4	77.2

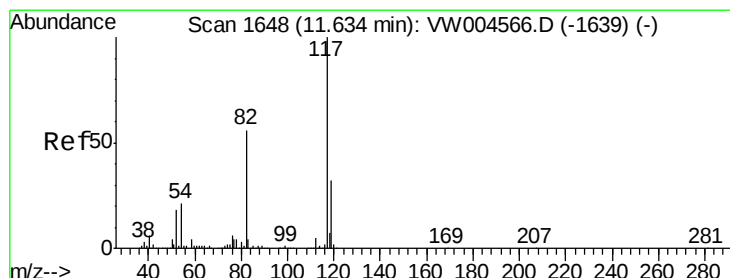
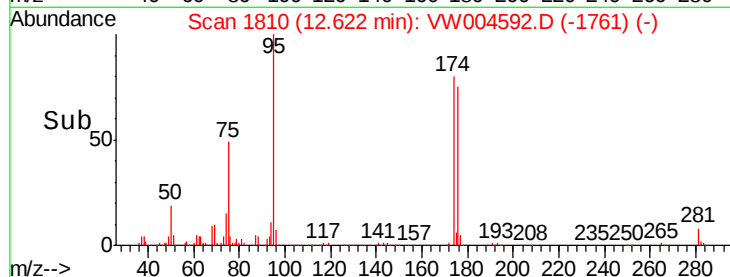
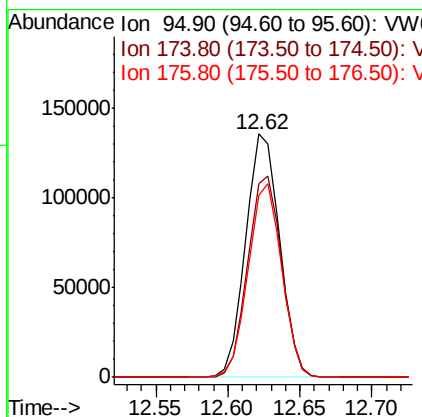
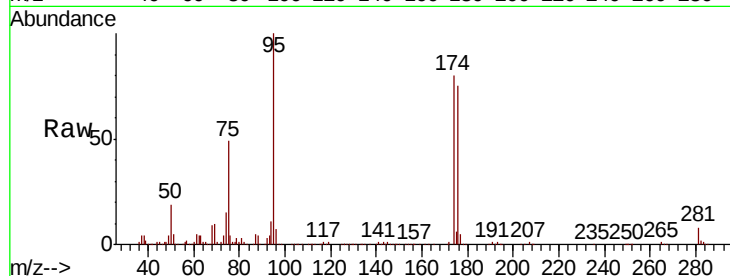




#62
4-Bromofluorobenzene
Concen: 26.88 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004592.D
Acq: 10 Aug 2018 13:06

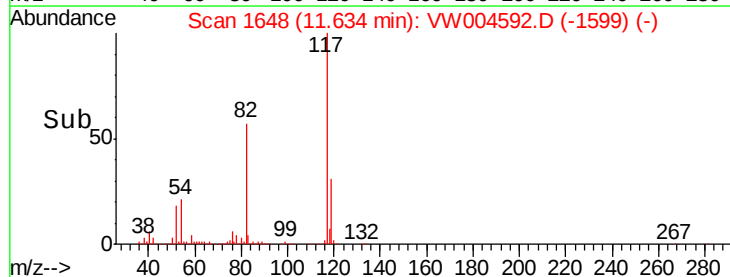
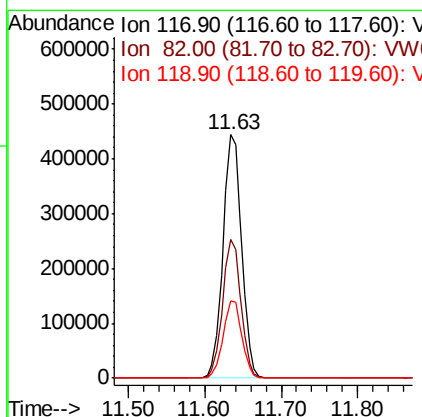
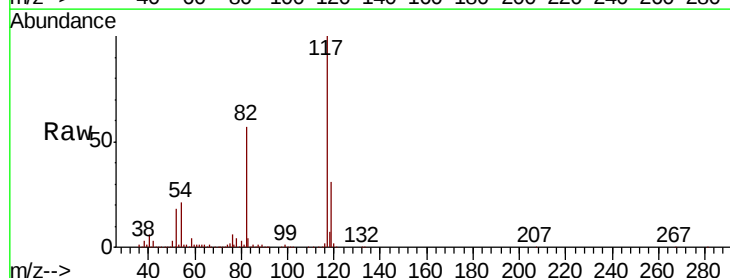
Instrument :
MSVOA_W
ClientSampleId :
C-1

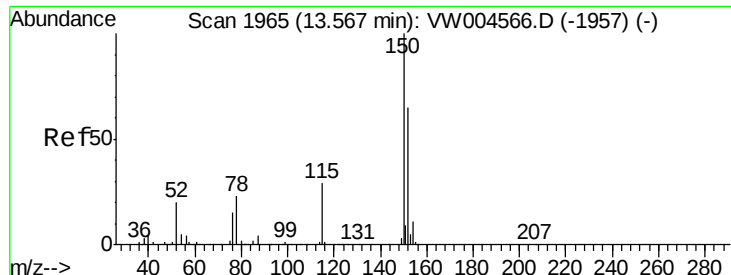
Tot Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	160.4
176	78.3	0.0	153.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004592.D
Acq: 10 Aug 2018 13:06

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.3	67.9
119	31.5	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004592.D

Acq: 10 Aug 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

C-1

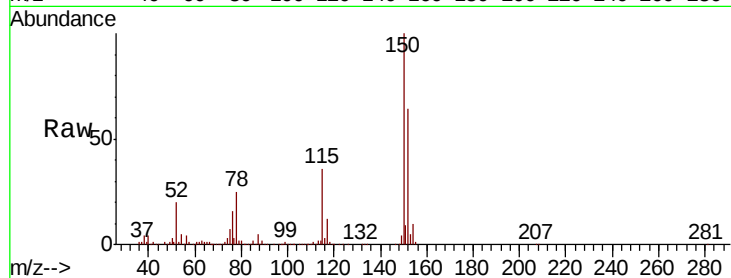
Tot Ion:152 Resp: 244081

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.3

150 156.9 0.0 349.6



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

