

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004802.D
 Acq On : 20 Aug 2018 20:02
 Operator : SY/AP
 Sample : J4499-07
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)

Quant Time: Aug 21 01:45:26 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	599588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	955445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	799122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	288160	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	323529	55.81	ug/l	0.00
Spiked Amount			Recovery	=	111.62%	
35) Dibromofluoromethane	7.89	113	320834	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
50) Toluene-d8	10.33	98	1068438	44.82	ug/l	0.00
Spiked Amount			Recovery	=	89.64%	
62) 4-Bromofluorobenzene	12.62	95	299025	34.87	ug/l	0.00
Spiked Amount			Recovery	=	69.74%	

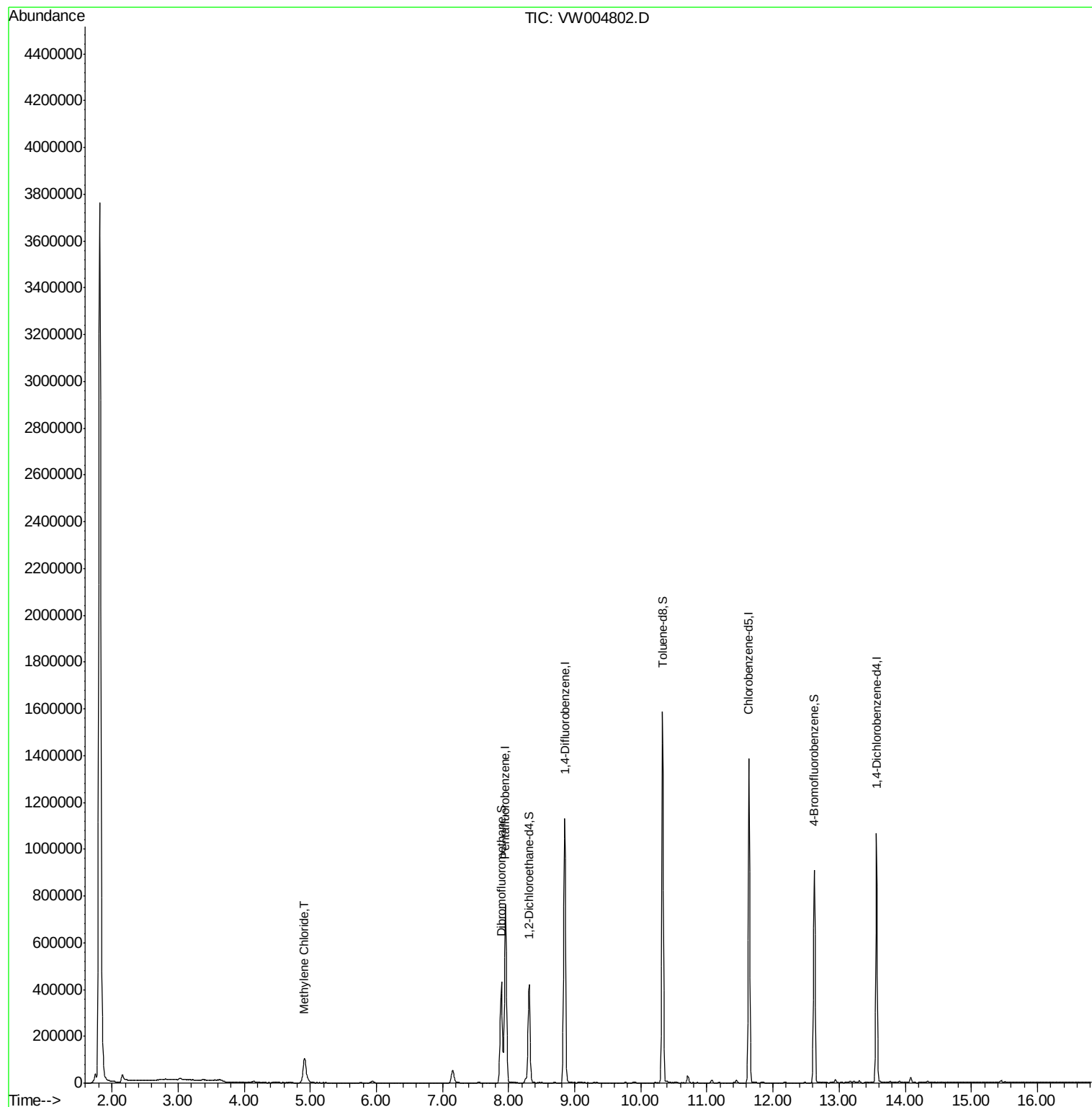
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	92233	10.22	ug/l	99

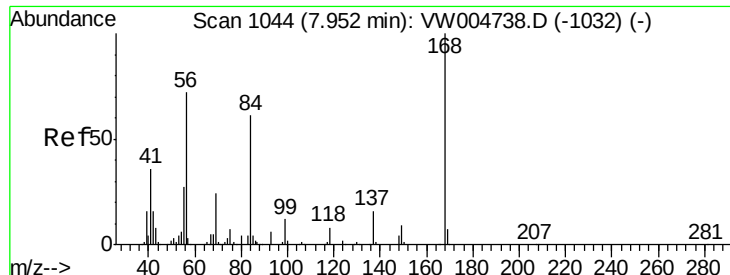
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004802.D

Acq: 20 Aug 2018 20:02

Instrument :

MSVOA_W

ClientSampleId :

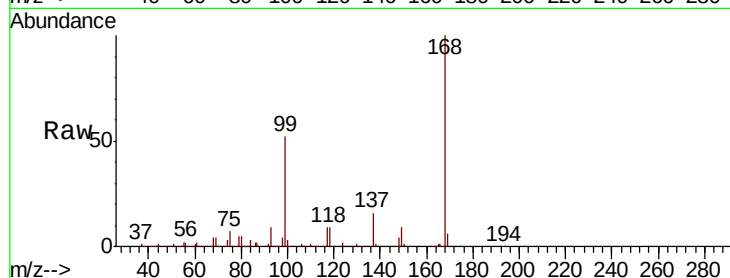
LSB-07(0-1)

Tot Ion:168 Resp: 599588

Ion Ratio Lower Upper

168 100

99 51.9 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

300000

250000

200000

150000

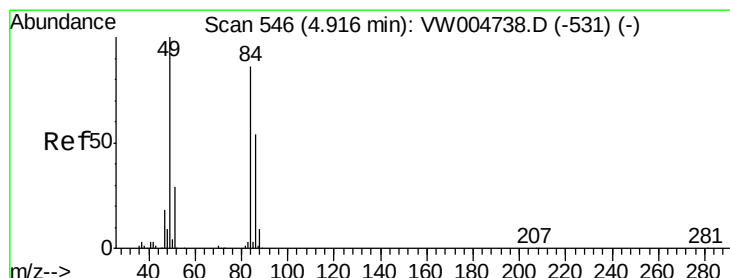
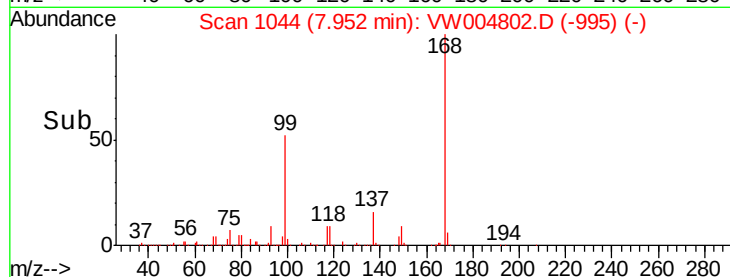
100000

50000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 10.22 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.00 min

Lab File: VW004802.D

Acq: 20 Aug 2018 20:02

Tgt Ion: 84 Resp: 92233

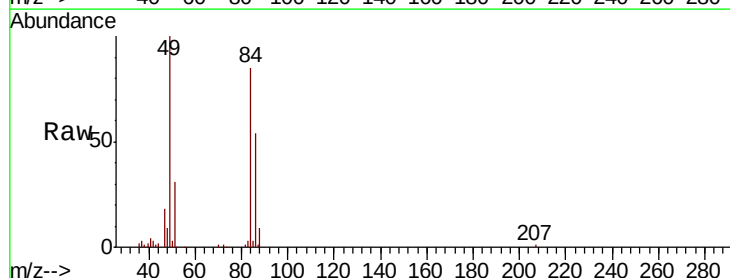
Ion Ratio Lower Upper

84 100

49 117.5 93.2 139.8

51 36.5 27.4 41.0

86 63.2 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

4.92

50000

40000

30000

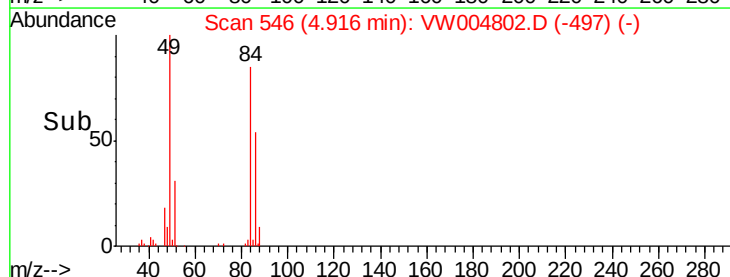
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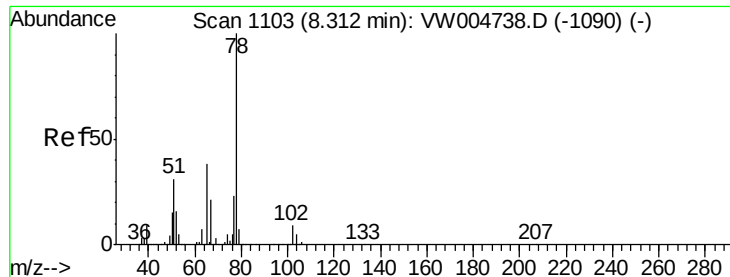
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0

4.80 4.90 5.00 5.10

Time-->

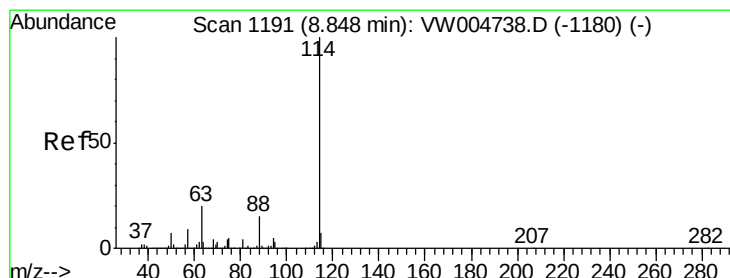
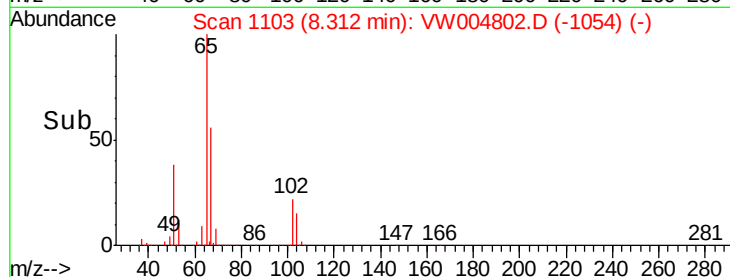
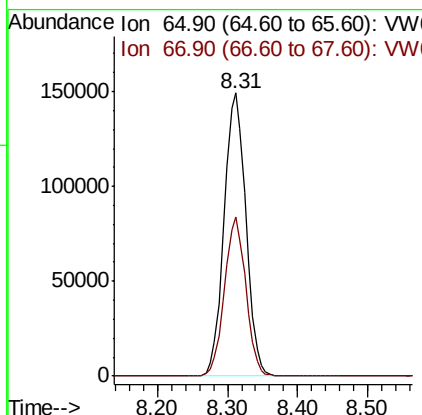
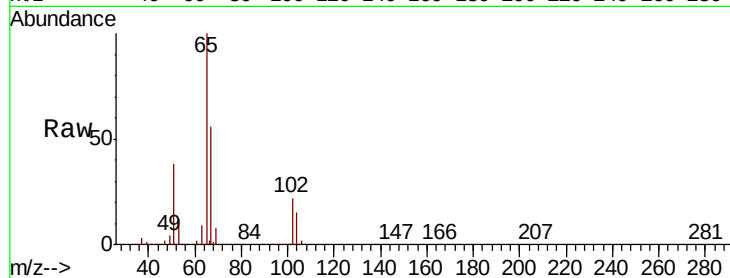




#33
 1,2-Dichloroethane-d4
 Concen: 55.81 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004802.D
 Acq: 20 Aug 2018 20:02

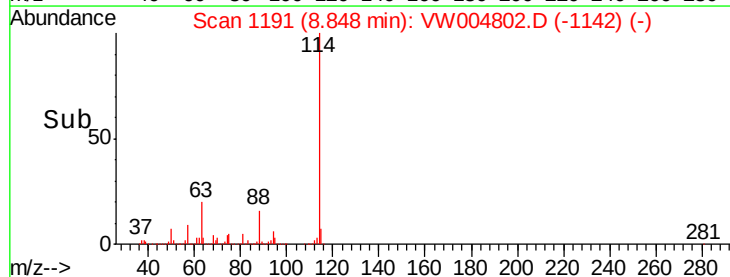
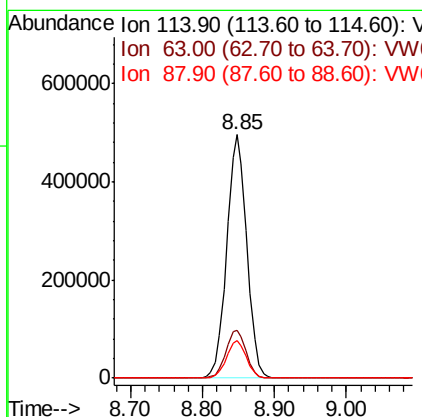
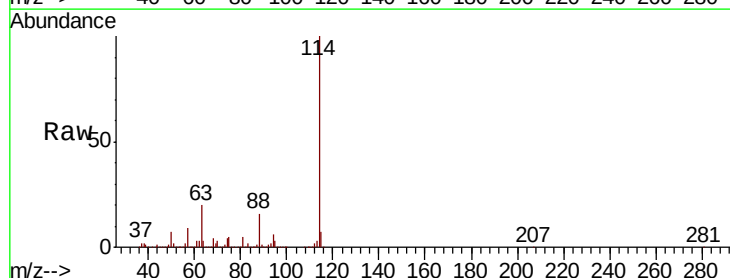
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)

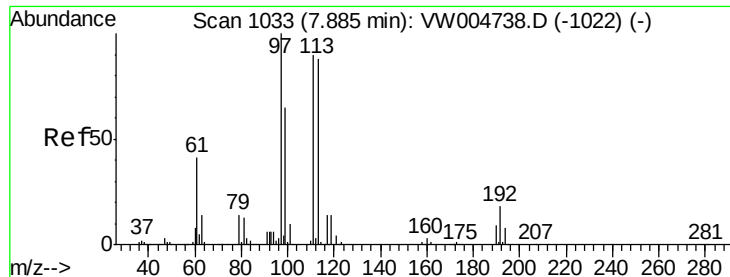
Tot Ion: 65 Resp: 323529
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004802.D
 Acq: 20 Aug 2018 20:02

Tgt Ion: 114 Resp: 955445
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.7 0.0 30.0

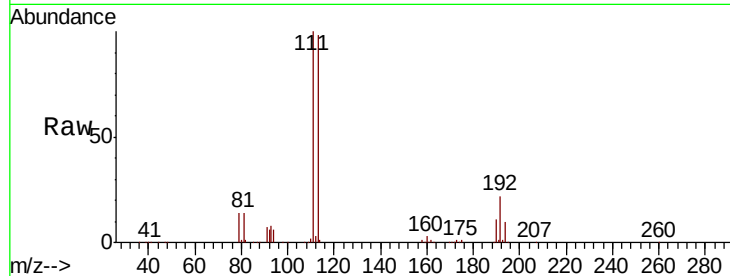




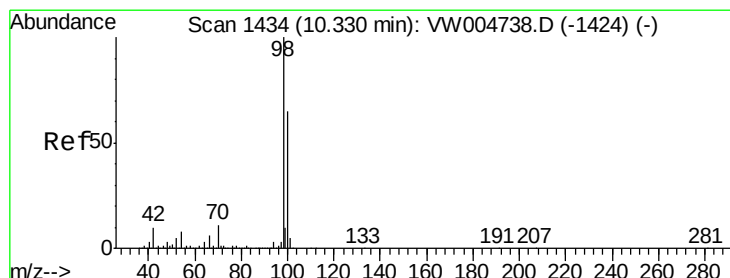
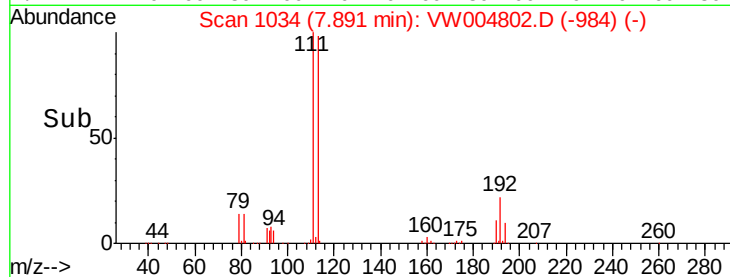
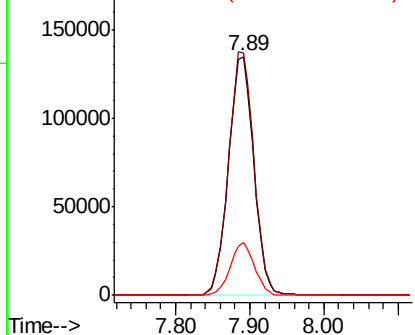
#35
 Dibromofluoromethane
 Concen: 52.54 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004802.D
 Acq: 20 Aug 2018 20:02

Instrument :
 MSVOA_W
 ClientSampled :
 LSB-07(0-1)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	21.1	16.7	25.1

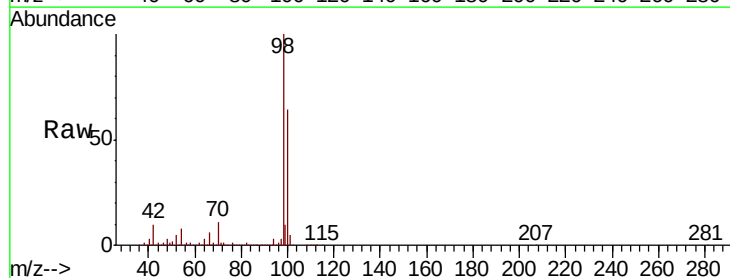


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

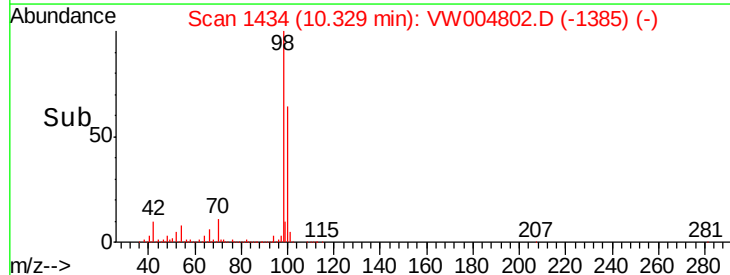
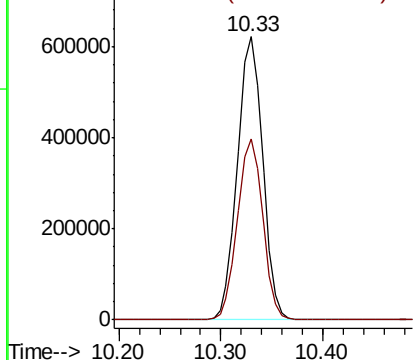


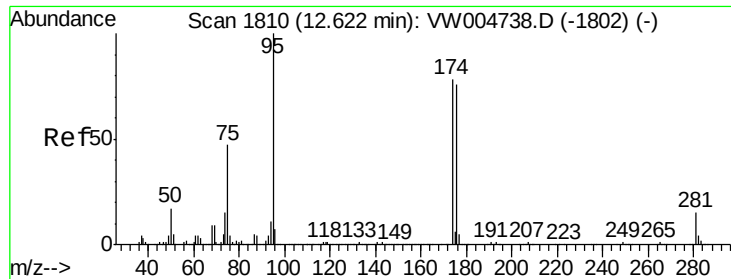
#50
 Toluene-d8
 Concen: 44.82 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW004802.D
 Acq: 20 Aug 2018 20:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.8	77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

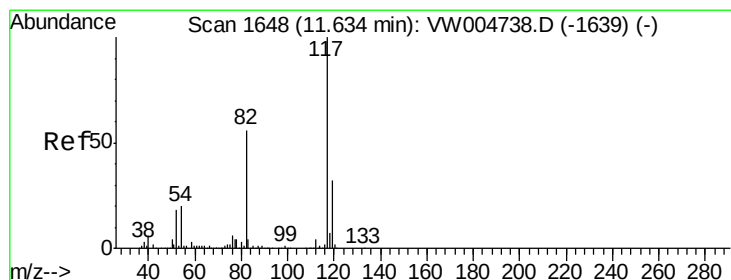
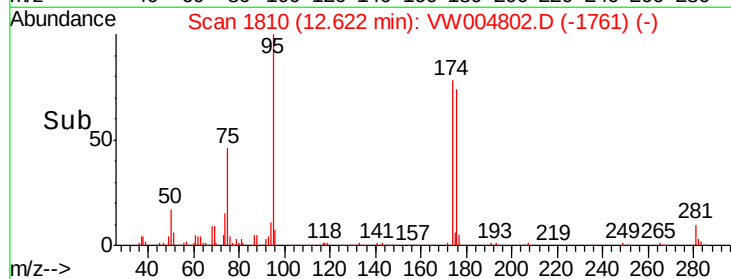
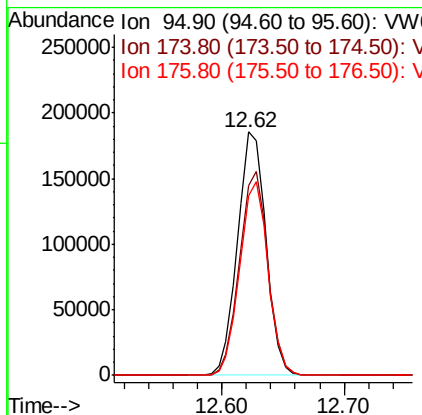
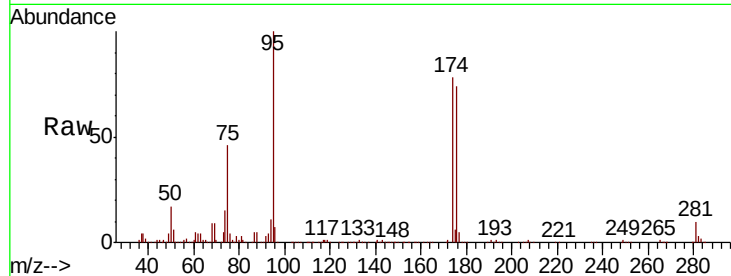




#62
4-Bromofluorobenzene
Concen: 34.87 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004802.D
Acq: 20 Aug 2018 20:02

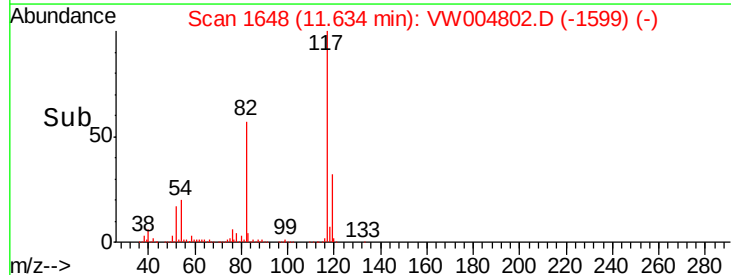
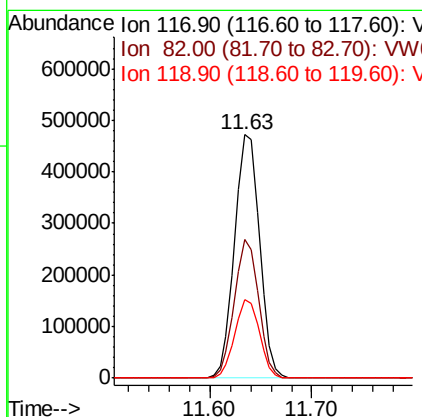
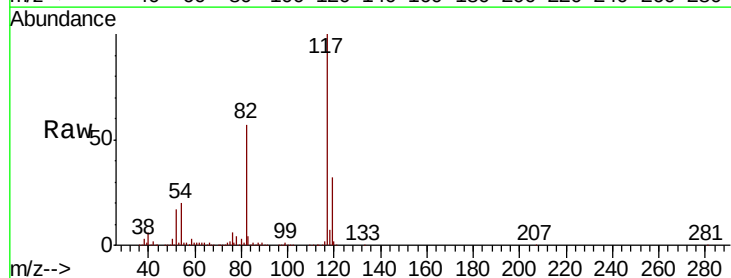
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)

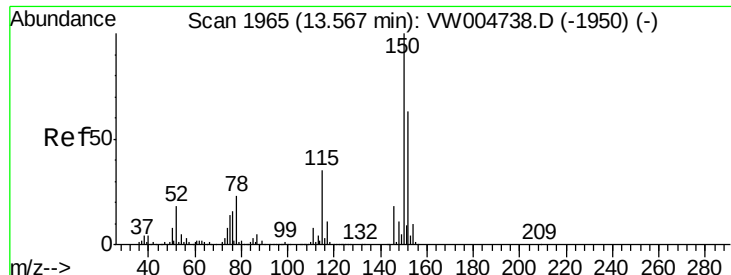
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	165.8
176	79.3	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004802.D
Acq: 20 Aug 2018 20:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.6	67.0
119	32.3	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: VW004802.D

Acq: 20 Aug 2018 20:02

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)

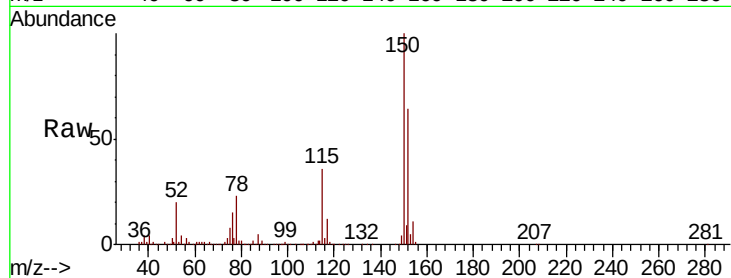
Tot Ion:152 Resp: 288160

Ion Ratio Lower Upper

152 100

115 57.4 28.5 85.5

150 156.9 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

