

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080818\
 Data File : VW004518.D
 Acq On : 08 Aug 2018 02:47
 Operator : SY/AP
 Sample : J4313-11
 Misc : 3.38G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-10

Quant Time: Aug 08 09:14:54 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	204731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	349916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	109021	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	175270	77.34	ug/l	0.00
Spiked Amount			Recovery	=	154.68%	
35) Dibromofluoromethane	7.88	113	148167	63.51	ug/l	0.00
Spiked Amount			Recovery	=	127.02%	
50) Toluene-d8	10.33	98	295851	33.26	ug/l	0.00
Spiked Amount			Recovery	=	66.52%	
62) 4-Bromofluorobenzene	12.62	95	83002	25.91	ug/l	0.00
Spiked Amount			Recovery	=	51.82%	

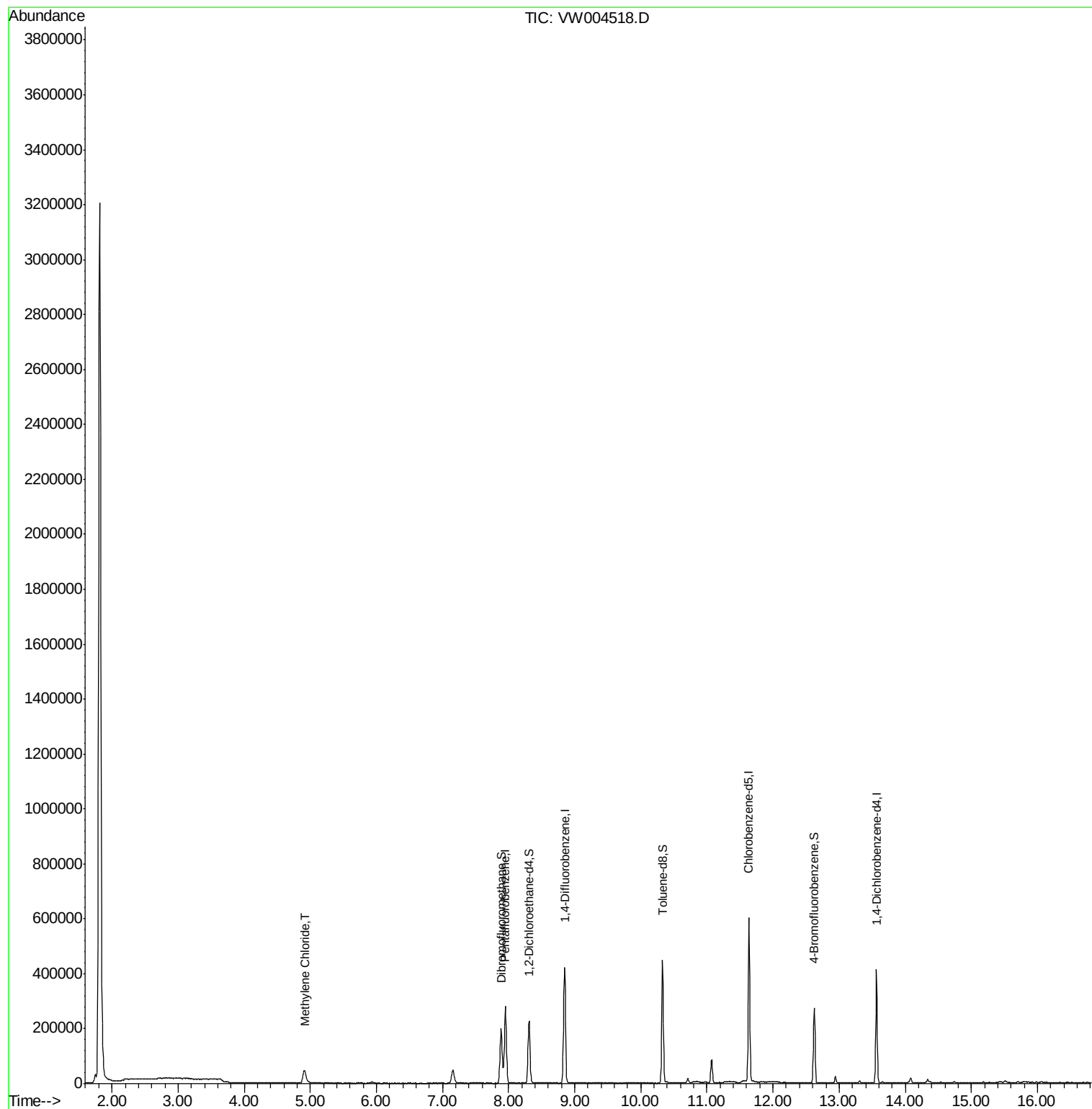
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	39949	6.79	ug/l	98

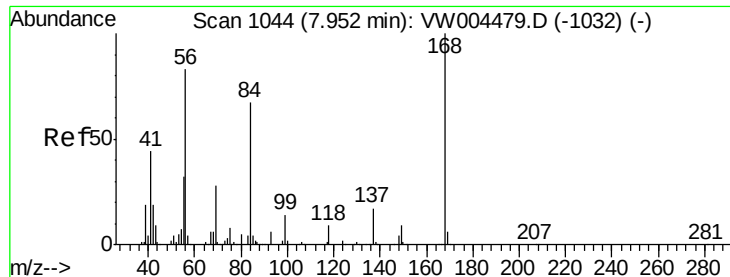
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 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: VW004518.D

Acq: 08 Aug 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

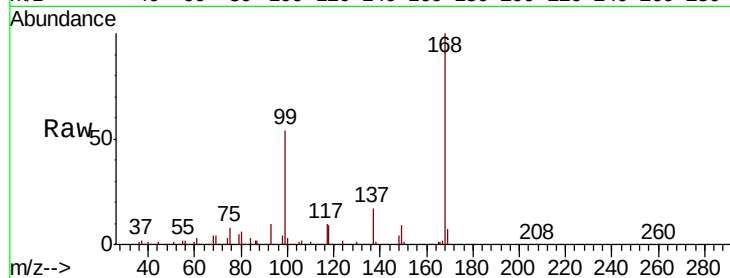
C-10

Tot Ion:168 Resp: 204731

Ion Ratio Lower Upper

168 100

99 54.3 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

100000

80000

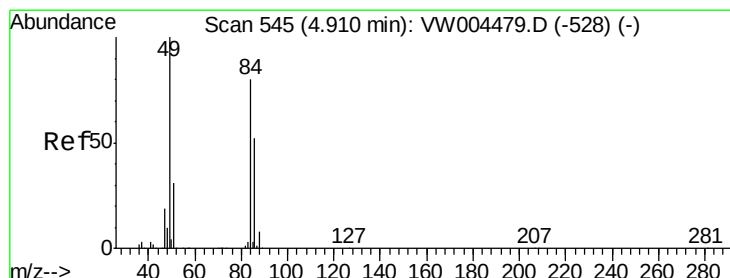
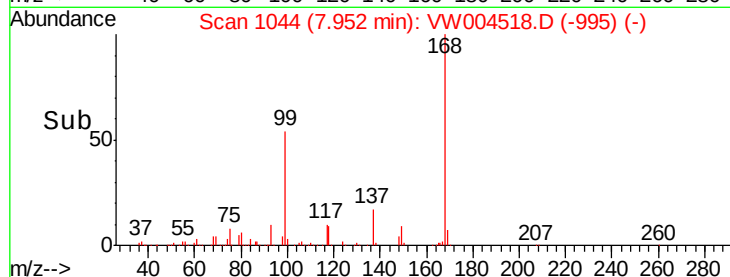
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 6.79 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004518.D

Acq: 08 Aug 2018 02:47

Tgt Ion: 84 Resp: 39949

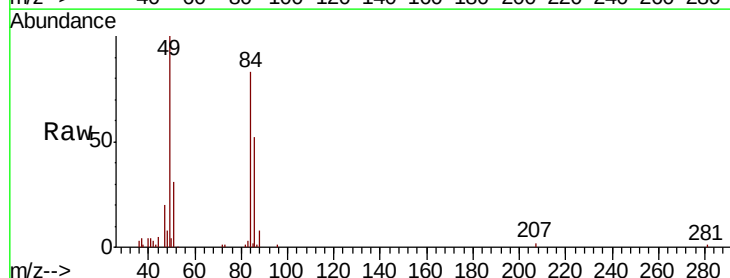
Ion Ratio Lower Upper

84 100

49 121.2 99.6 149.4

51 37.7 31.0 46.4

86 62.7 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

20000

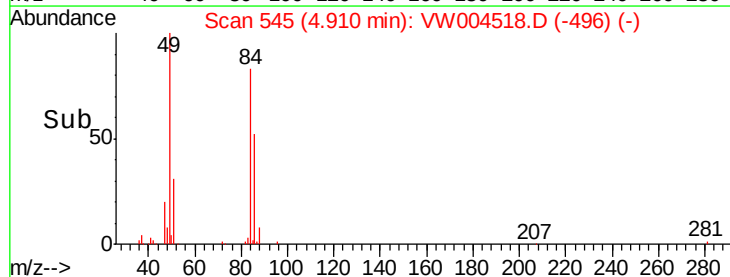
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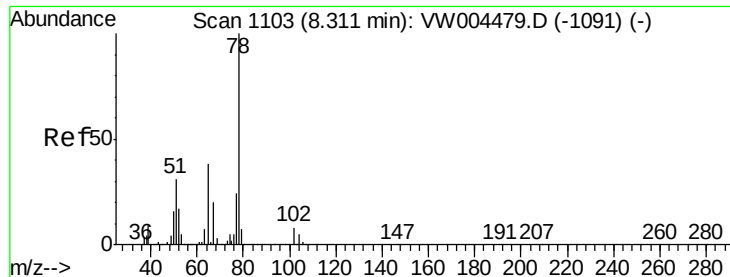
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5000

0

Time-->

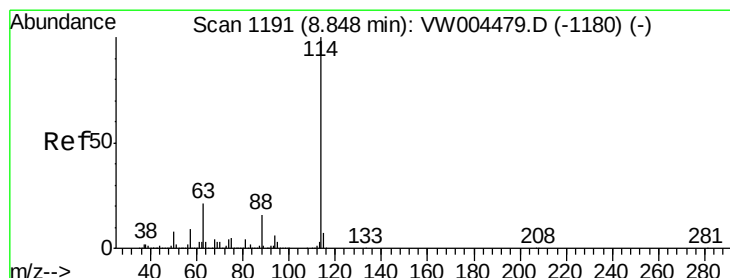
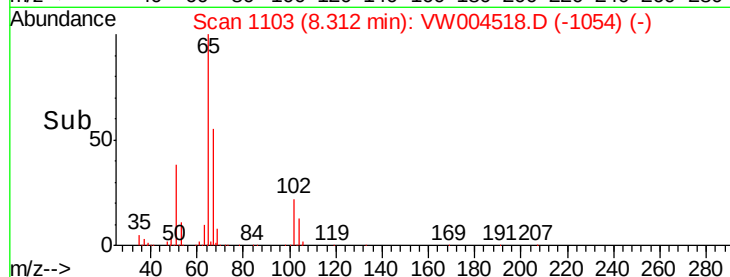
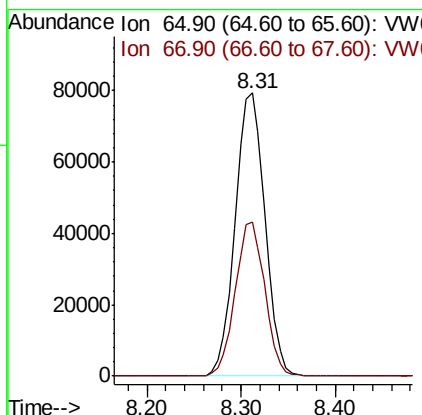
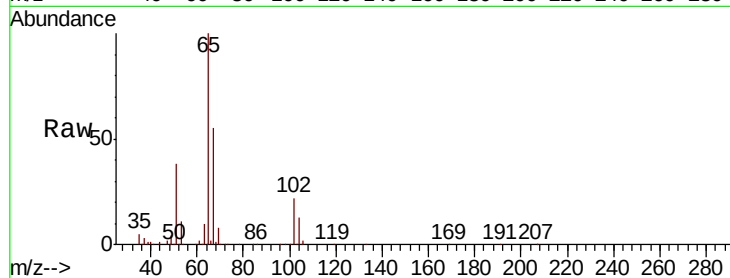




#33
 1,2-Dichloroethane-d4
 Concen: 77.34 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004518.D
 Acq: 08 Aug 2018 02:47

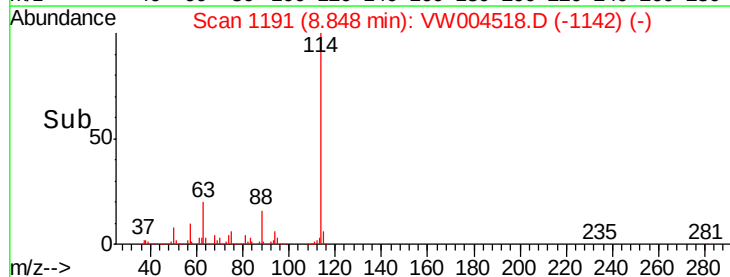
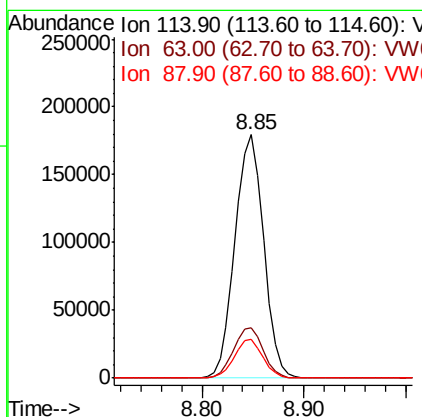
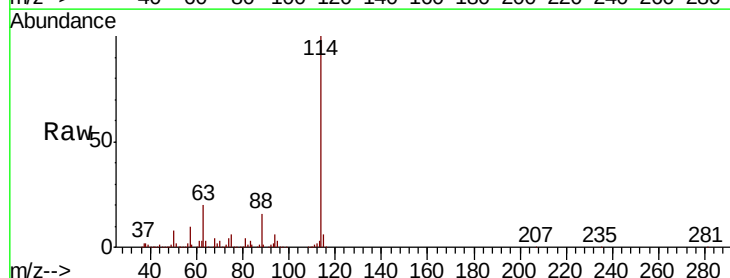
Instrument :
 MSVOA_W
 ClientSampled :
 C-10

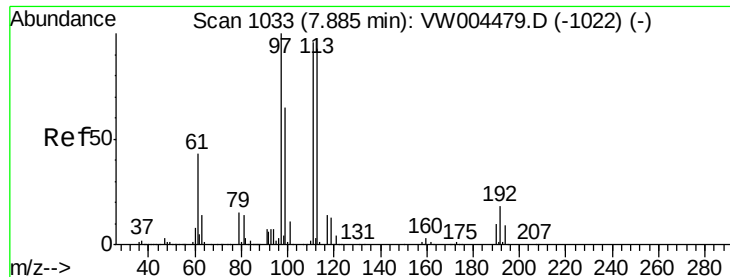
Tot Ion: 65 Resp: 175270
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004518.D
 Acq: 08 Aug 2018 02:47

Tgt Ion: 114 Resp: 349916
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 63.51 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004518.D

Acq: 08 Aug 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

C-10

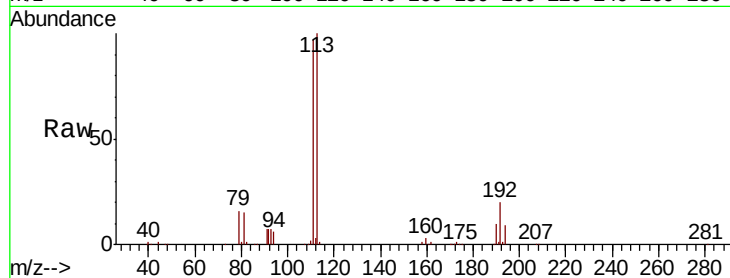
Tot Ion:113 Resp: 148167

Ion Ratio Lower Upper

113 100

111 100.7 82.9 124.3

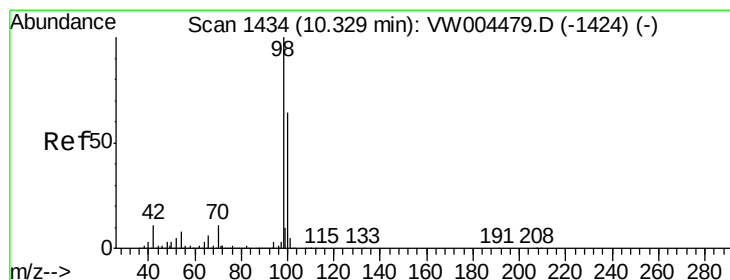
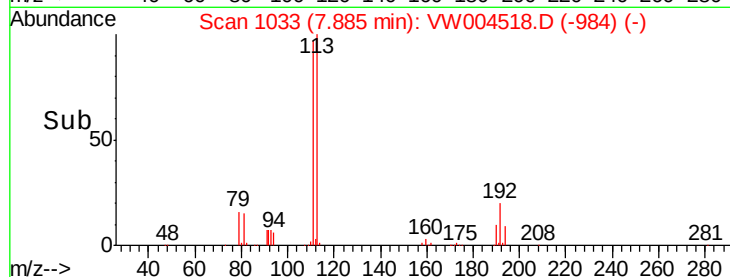
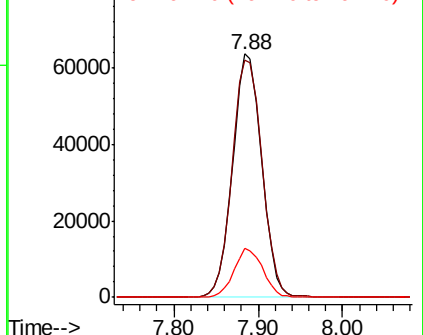
192 20.0 15.8 23.6



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



#50

Toluene-d8

Concen: 33.26 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004518.D

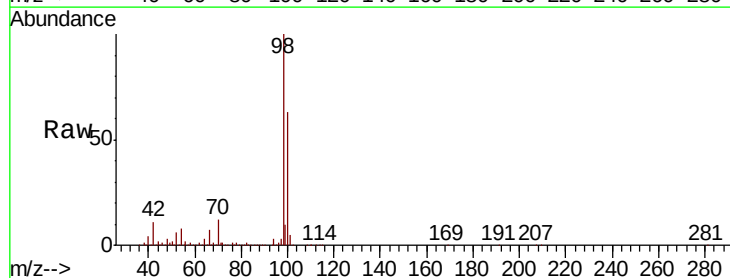
Acq: 08 Aug 2018 02:47

Tgt Ion: 98 Resp: 295851

Ion Ratio Lower Upper

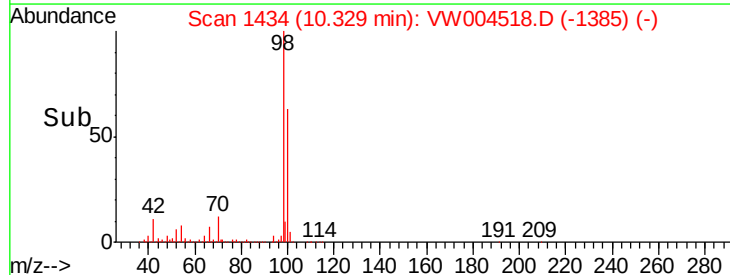
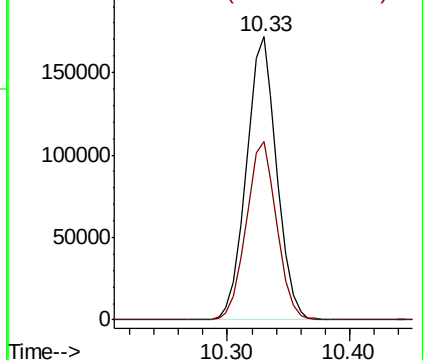
98 100

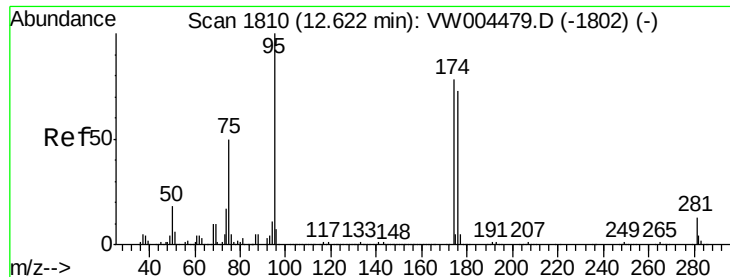
100 63.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

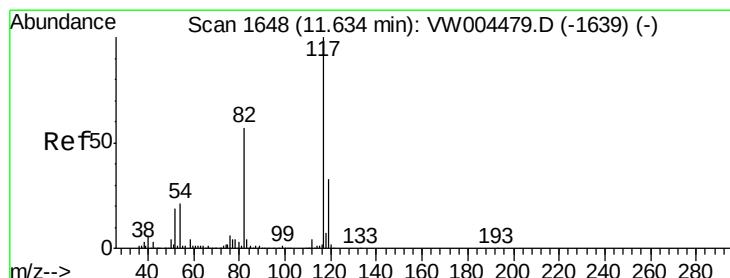
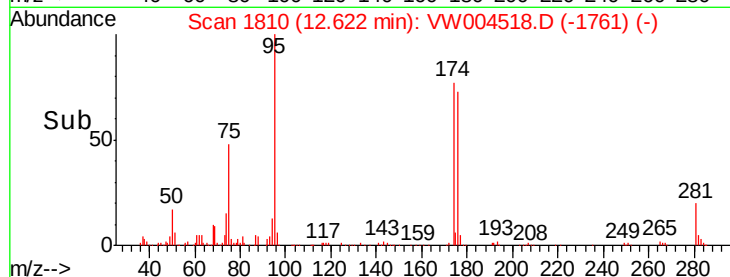
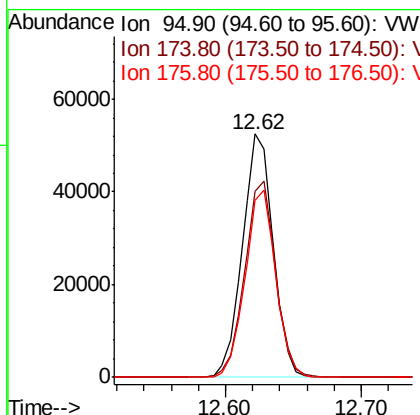
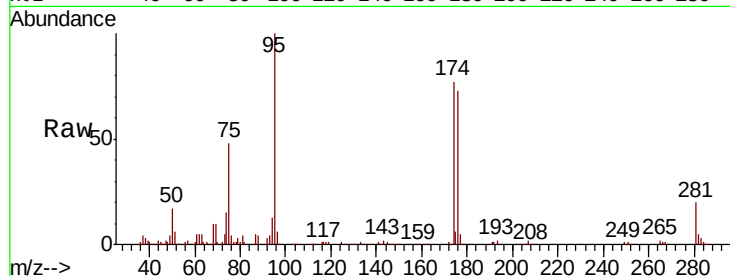




#62
4-Bromofluorobenzene
Concen: 25.91 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004518.D
Acq: 08 Aug 2018 02:47

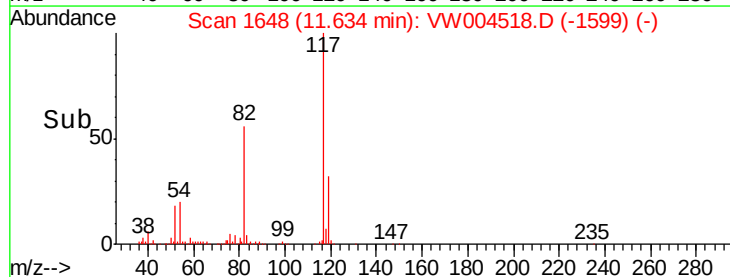
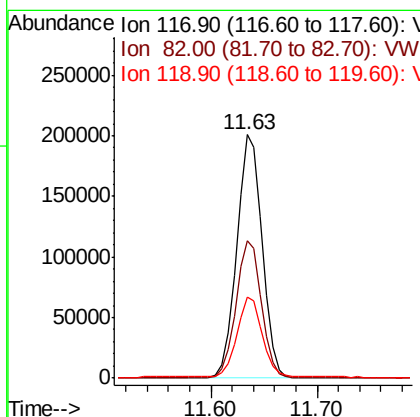
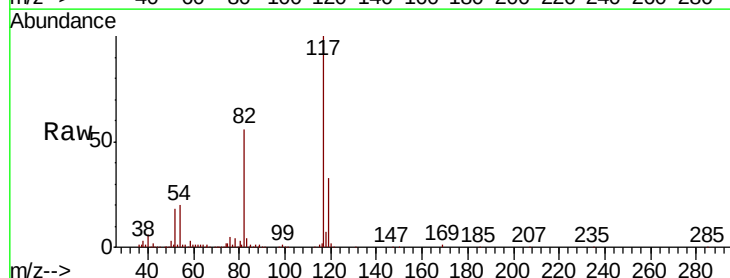
Instrument :
MSVOA_W
ClientSampleId :
C-10

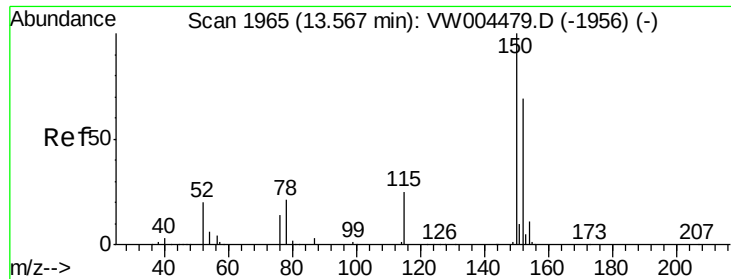
Tot Ion: 95 Resp: 83002
Ion Ratio Lower Upper
95 100
174 81.5 0.0 160.4
176 76.9 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004518.D
Acq: 08 Aug 2018 02:47

Tgt Ion: 117 Resp: 335469
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 32.7 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: VW004518.D

Acq: 08 Aug 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

C-10

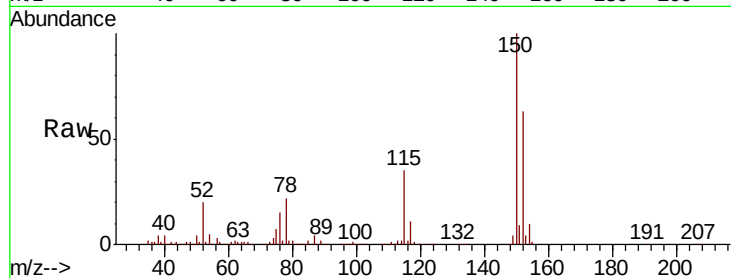
Tot Ion:152 Resp: 109021

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.3

150 157.1 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V

150000 Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

