

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081018\
 Data File : VW004545.D
 Acq On : 08 Aug 2018 23:18
 Operator : SY/AP
 Sample : J4313-11RE
 Misc : 4.05G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-10RE

Quant Time: Aug 09 05:48:49 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	256294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	419784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	397124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	132399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	228745	80.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	161.26%	
35) Dibromofluoromethane	7.88	113	186894	66.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.54%	
50) Toluene-d8	10.33	98	457672	42.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.78%	
62) 4-Bromofluorobenzene	12.62	95	124044	32.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.54%	

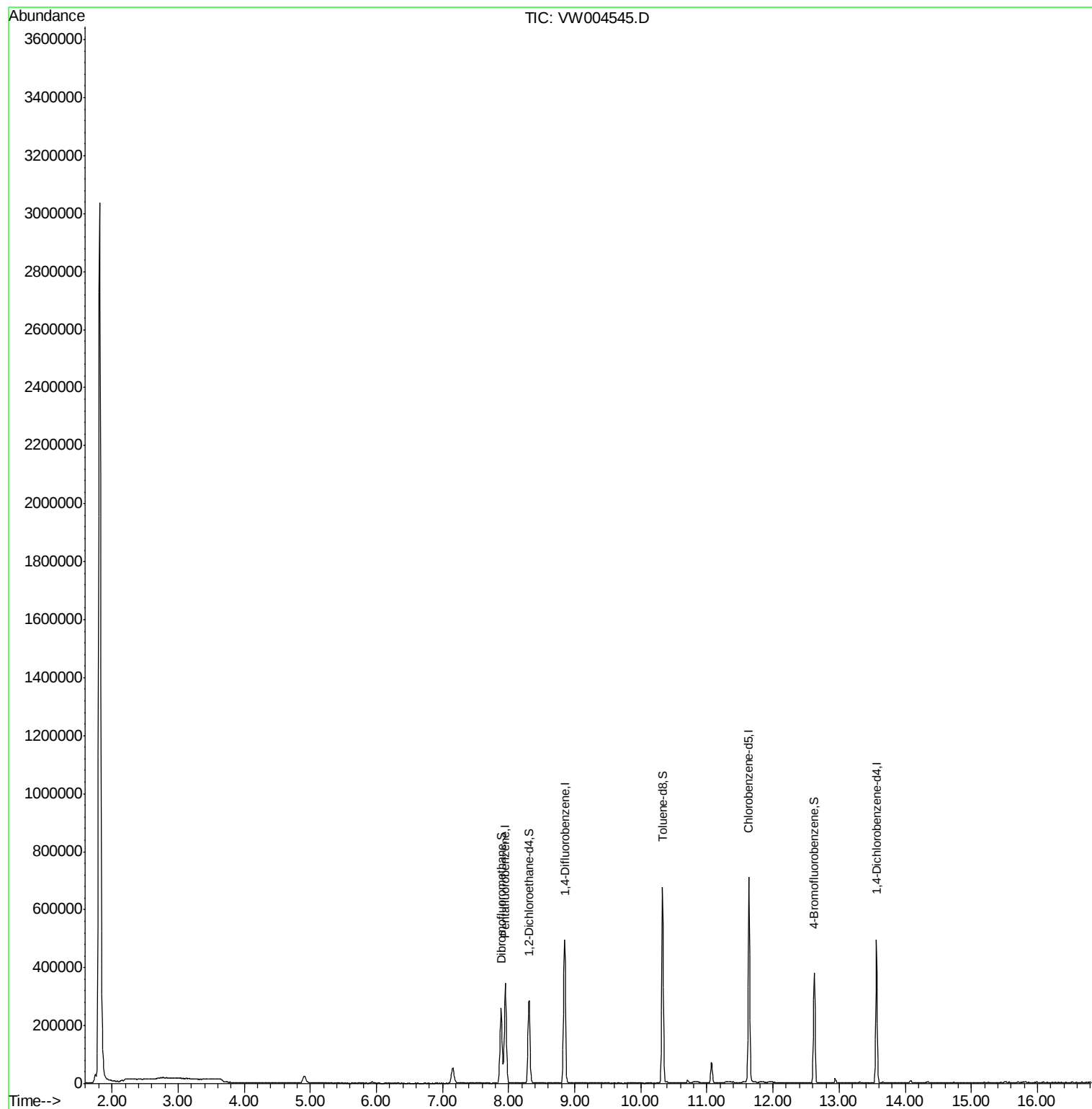
Target Compounds	Qvalue
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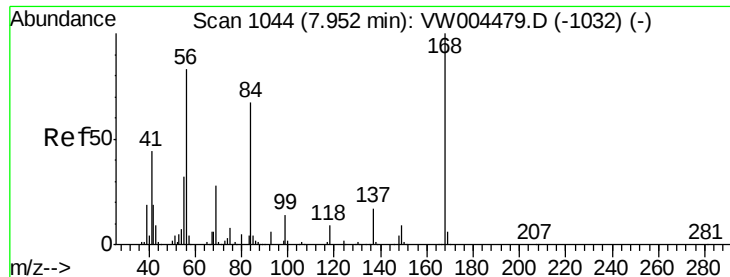
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
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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: VW004545.D

Acq: 08 Aug 2018 23:18

Instrument :

MSVOA_W

ClientSampleId :

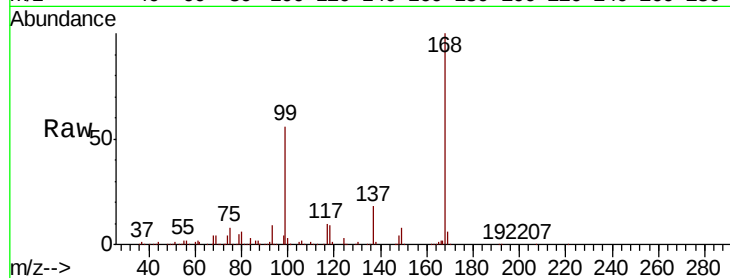
C-10RE

Tot Ion:168 Resp: 256294

Ion Ratio Lower Upper

168 100

99 56.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

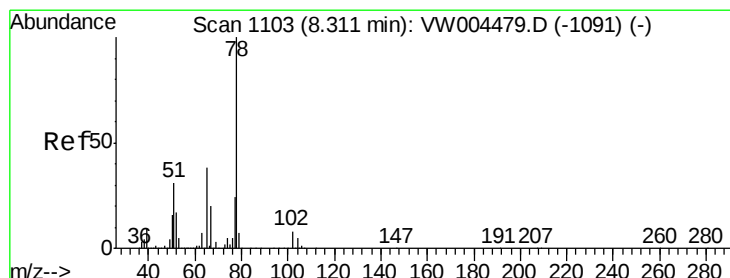
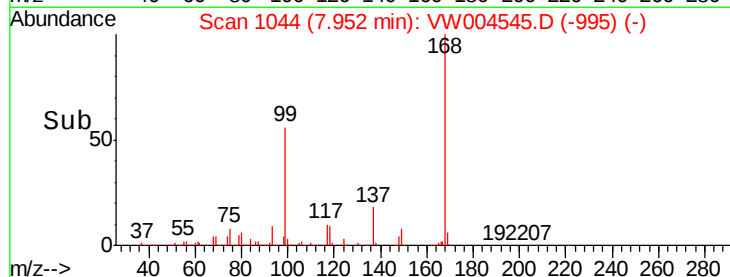
7.95

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 80.63 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004545.D

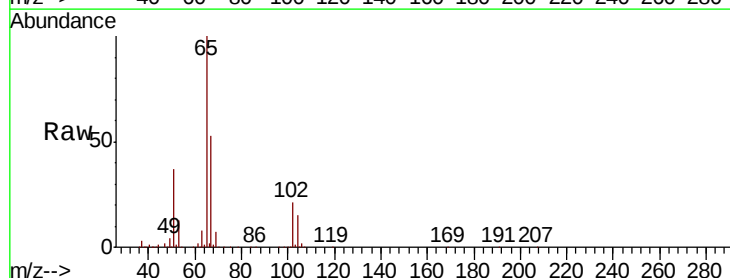
Acq: 08 Aug 2018 23:18

Tgt Ion: 65 Resp: 228745

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

120000

100000

80000

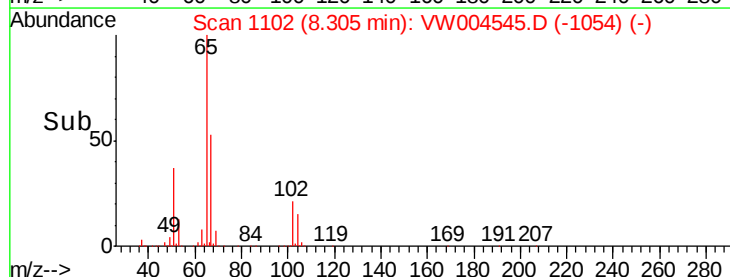
60000

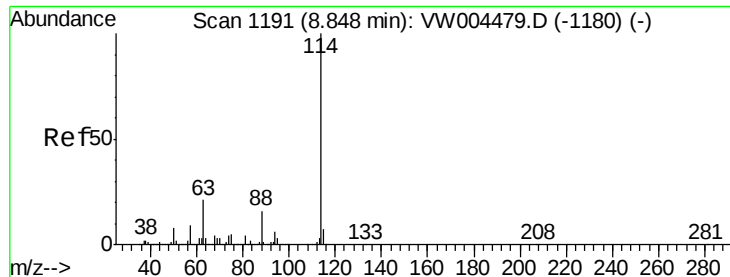
40000

20000

0

Time-->

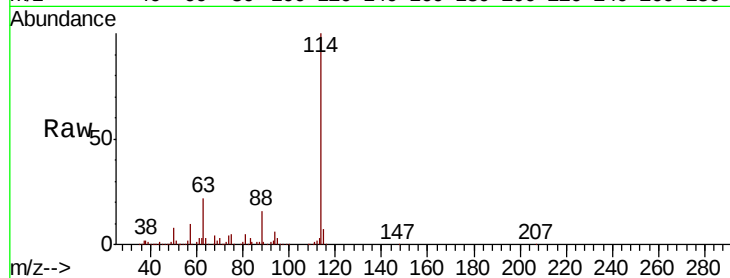




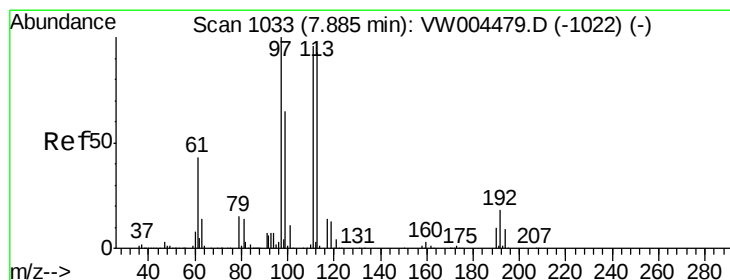
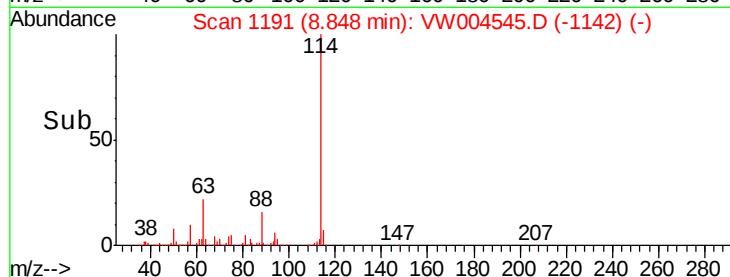
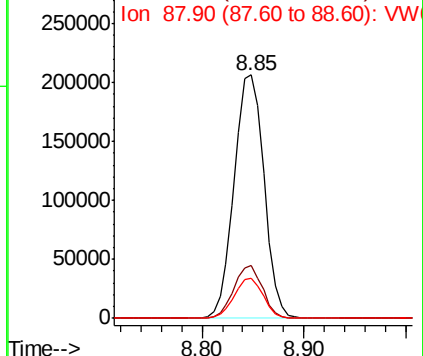
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004545.D
 Acq: 08 Aug 2018 23:18

Instrument :
 MSVOA_W
 ClientSampled :
 C-10RE

Tot Ion:114 Resp: 419784
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.4
 88 16.4 0.0 31.2

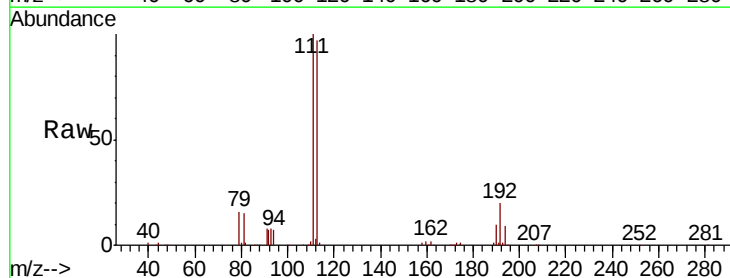


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

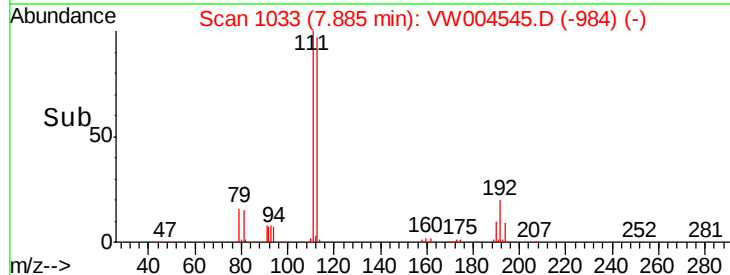
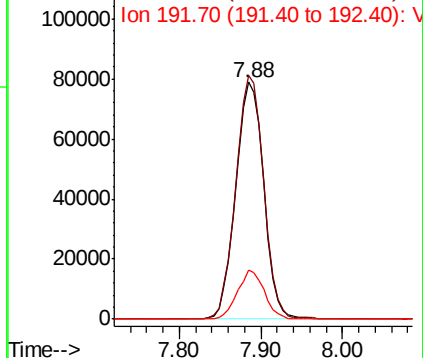


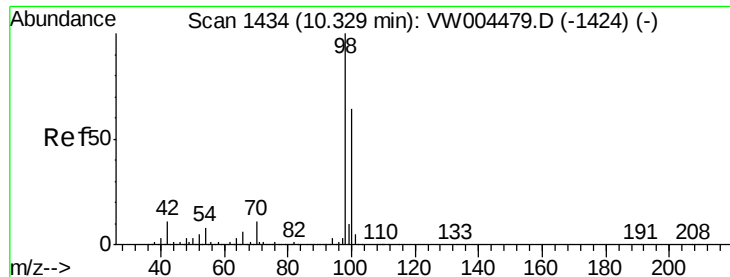
#35
 Dibromofluoromethane
 Concen: 66.77 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004545.D
 Acq: 08 Aug 2018 23:18

Tgt Ion:113 Resp: 186894
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.9 124.3
 192 19.7 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: 42.89 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004545.D

Acq: 08 Aug 2018 23:18

Instrument :

MSVOA_W

ClientSampleId :

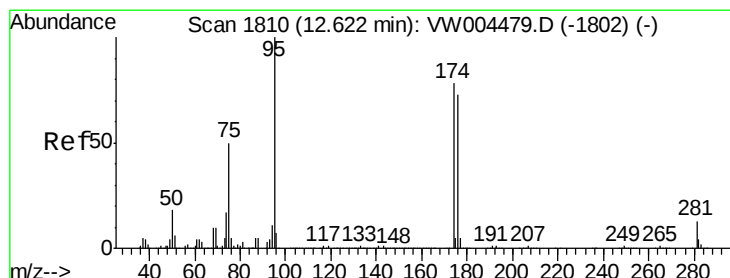
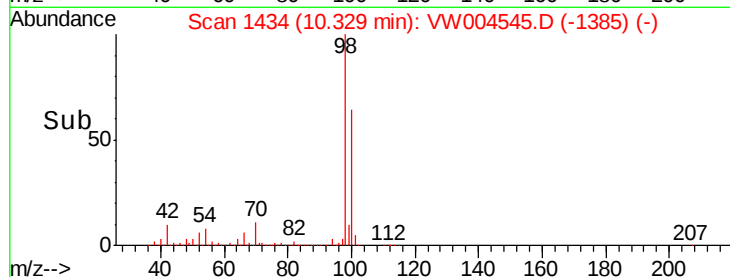
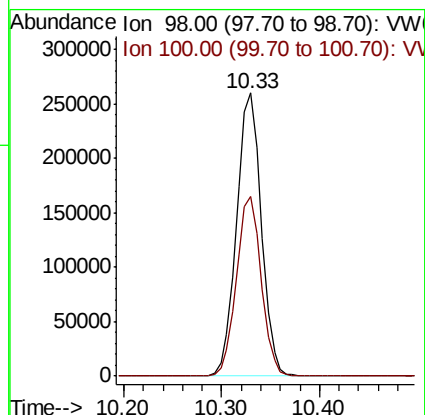
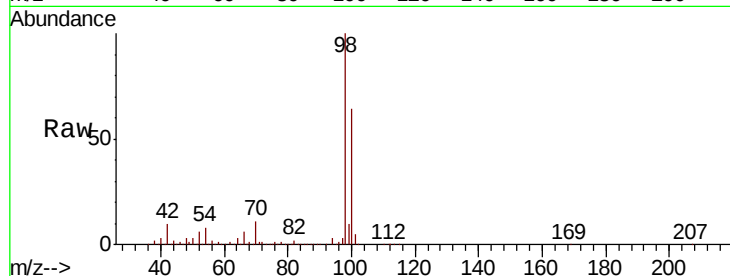
C-10RE

Tot Ion: 98 Resp: 457672

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 32.27 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004545.D

Acq: 08 Aug 2018 23:18

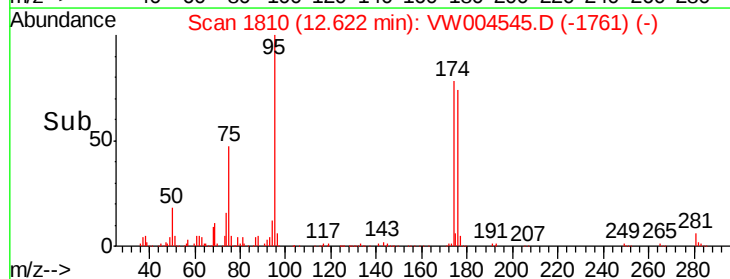
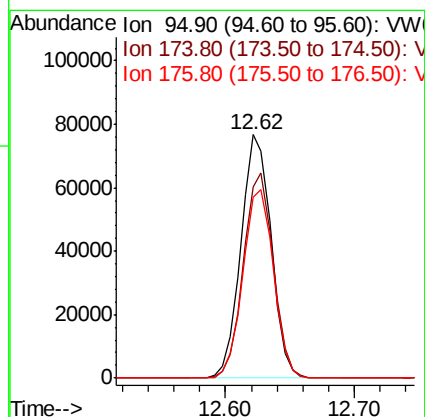
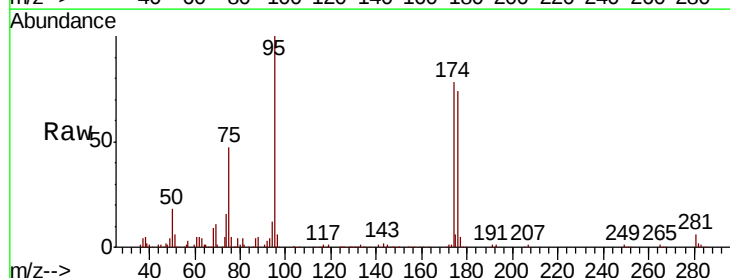
Tgt Ion: 95 Resp: 124044

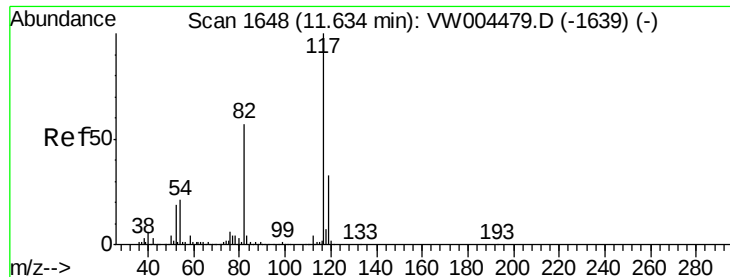
Ion Ratio Lower Upper

95 100

174 83.3 0.0 160.4

176 78.5 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: VW004545.D

Acq: 08 Aug 2018 23:18

Instrument :

MSVOA_W

ClientSampled :

C-10RE

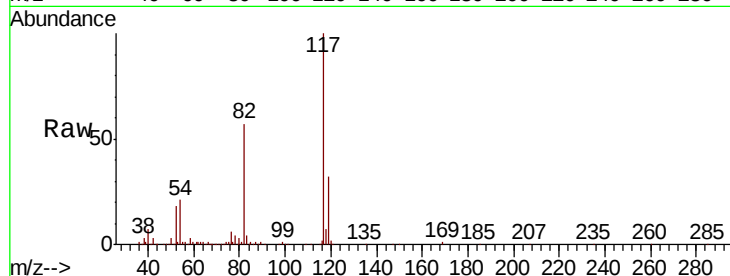
Tot Ion:117 Resp: 397124

Ion Ratio Lower Upper

117 100

82 56.8 45.3 67.9

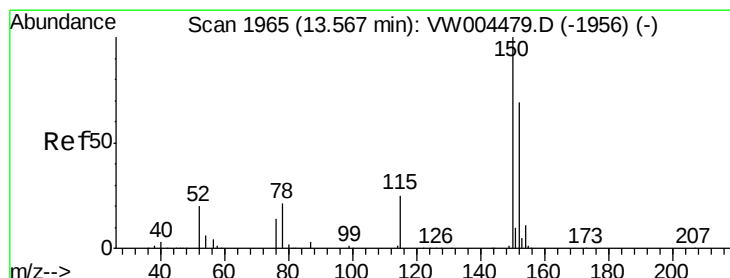
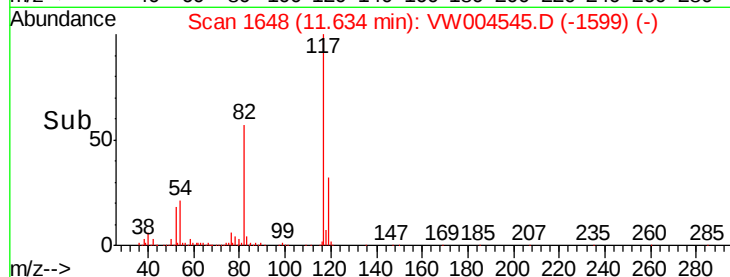
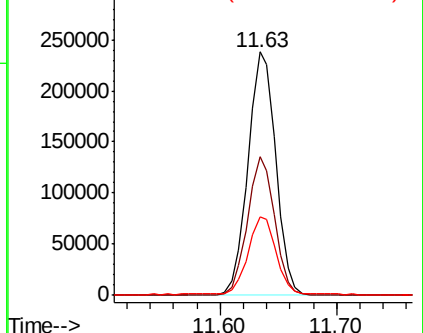
119 31.9 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004545.D

Acq: 08 Aug 2018 23:18

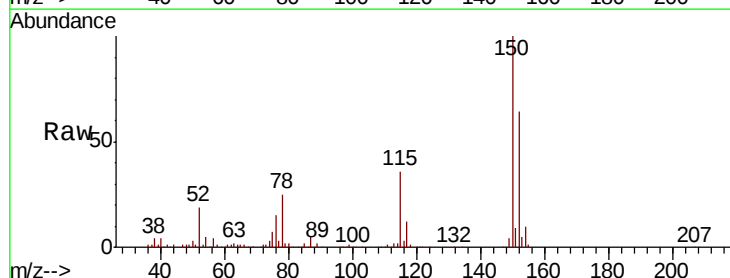
Tgt Ion:152 Resp: 132399

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.3

150 157.9 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

