

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009449.D
 Acq On : 10 May 2019 00:20
 Operator : JC/SP
 Sample : K2782-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW714-190506

Quant Time: May 10 08:32:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	305943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119119	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	125322	47.78	ug/l	0.00
Spiked Amount						
			Recovery	=	95.56%	
35) Dibromofluoromethane	5.49	113	94067	48.91	ug/l	0.00
Spiked Amount						
			Recovery	=	97.82%	
50) Toluene-d8	8.71	98	382788	49.30	ug/l	0.00
Spiked Amount						
			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.13	95	130798	46.36	ug/l	0.00
Spiked Amount						
			Recovery	=	92.72%	

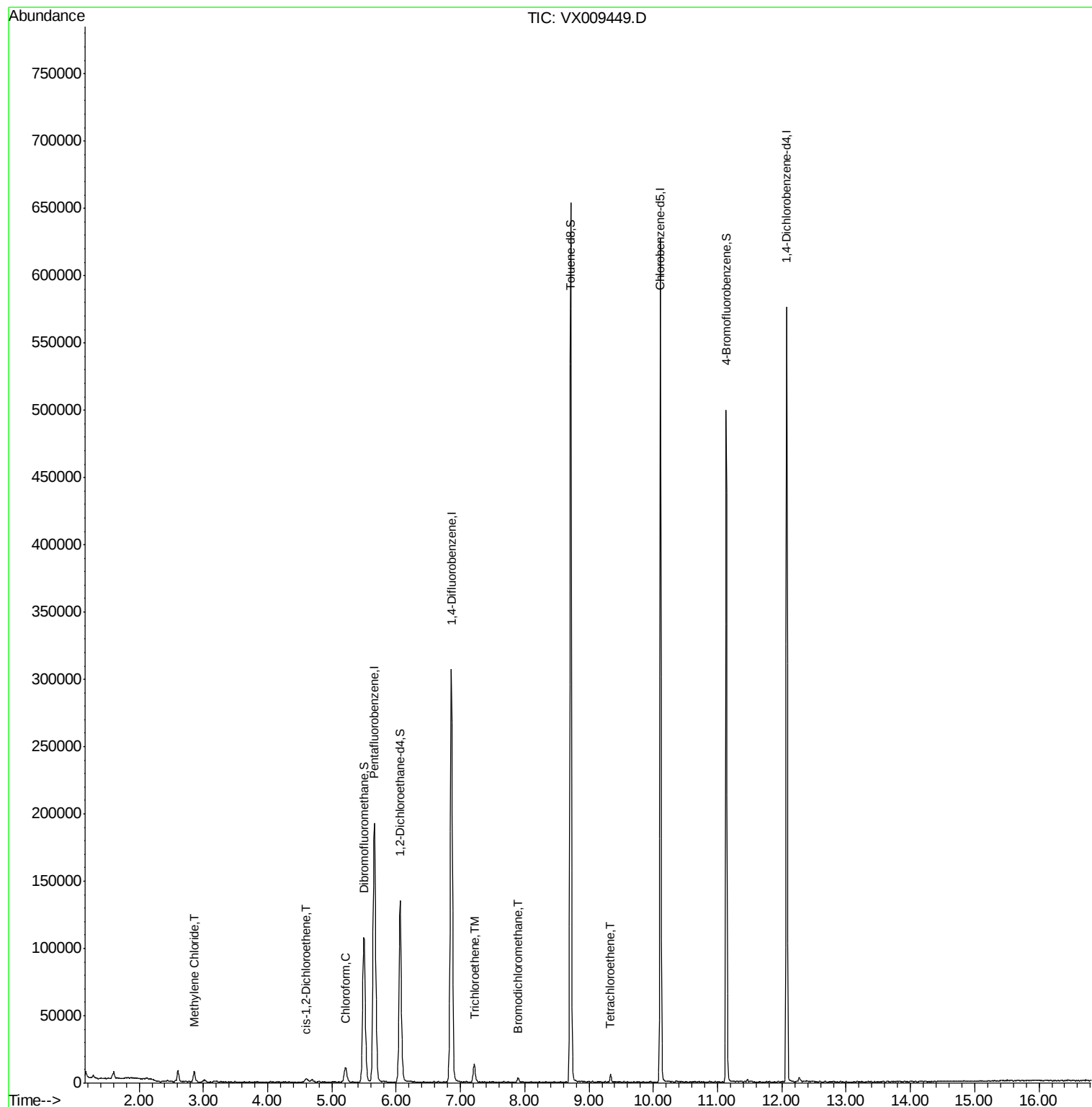
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.85	84	3737	1.639	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	1570	0.673	ug/l	85
30) Chloroform	5.21	83	12798	3.395	ug/l	96
44) Trichloroethene	7.21	130	5392	2.535	ug/l	99
47) Bromodichloromethane	7.90	83	1731	0.600	ug/l	87
64) Tetrachloroethene	9.34	164	1198	0.643	ug/l	87

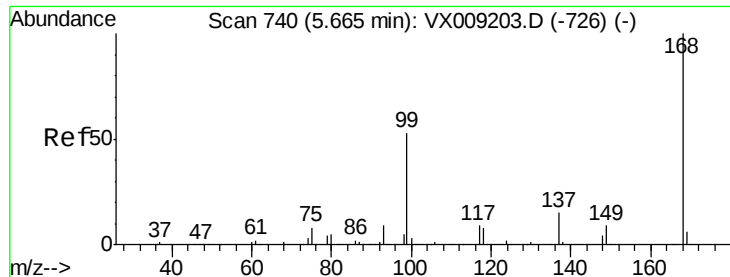
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009449.D

Acq: 10 May 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

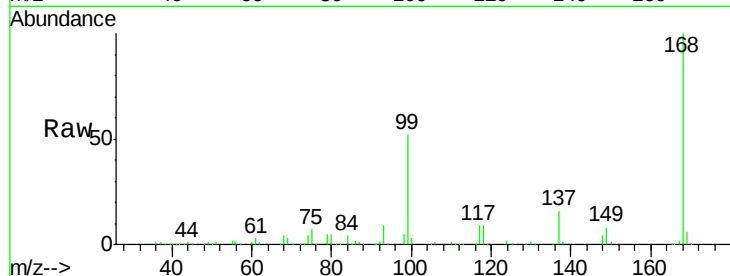
SS052MW714-190506

Tot Ion:168 Resp: 192139

Ion Ratio Lower Upper

168 100

99 52.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

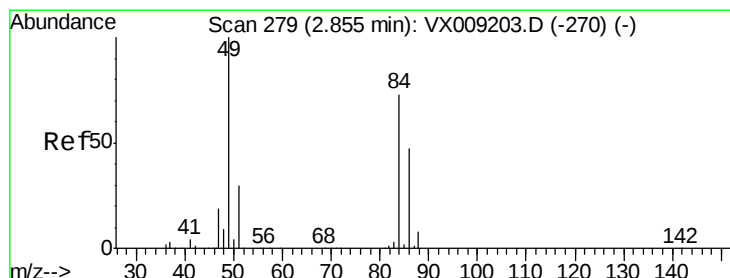
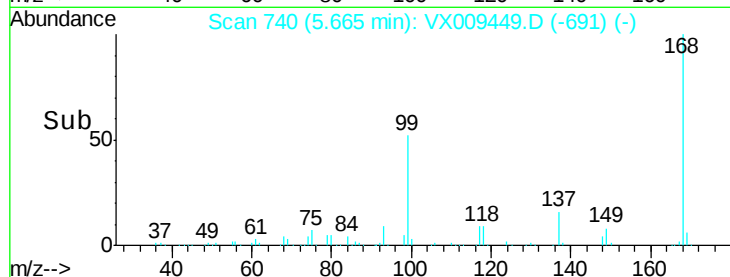
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.639 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX009449.D

Acq: 10 May 2019 00:20

Tgt Ion: 84 Resp: 3737

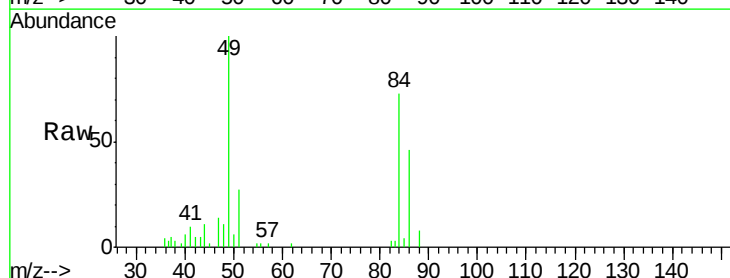
Ion Ratio Lower Upper

84 100

49 136.4 109.9 164.9

51 36.4 32.7 49.1

86 62.9 52.0 78.0



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

4000

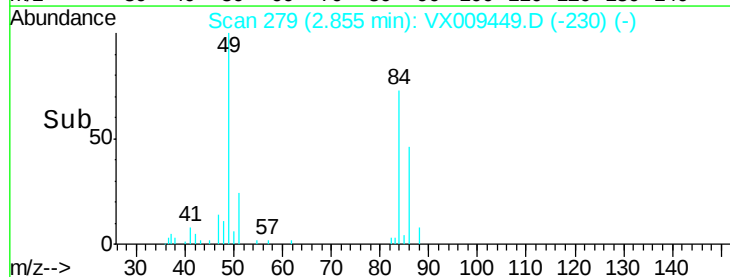
3000

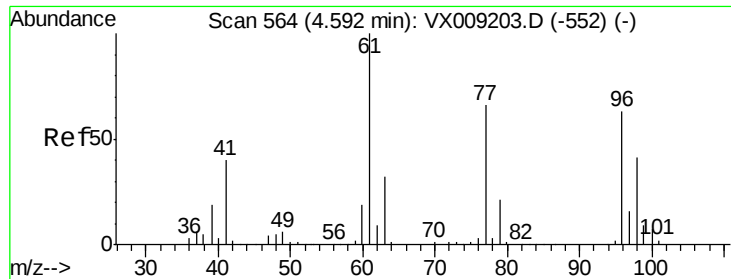
2000

1000

0

Time--> 2.80 2.85 2.90 2.95



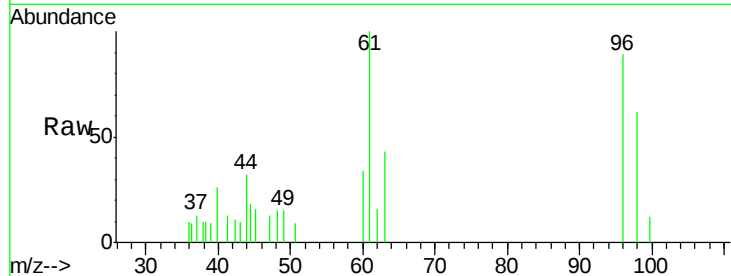


#27

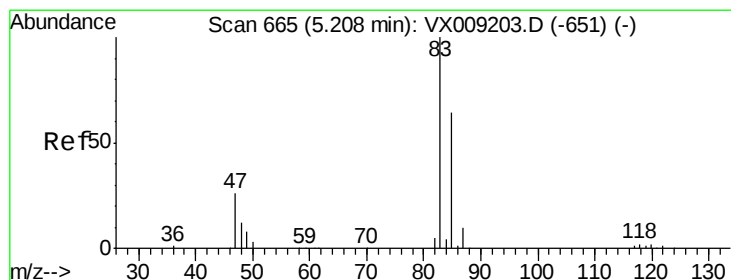
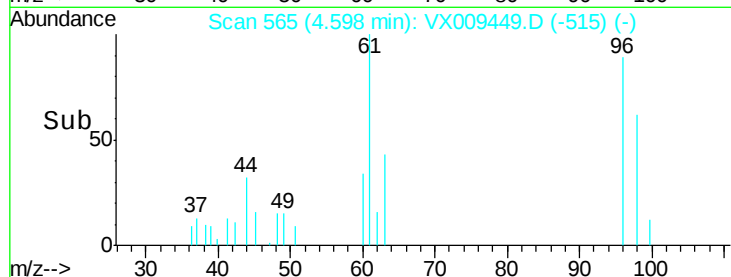
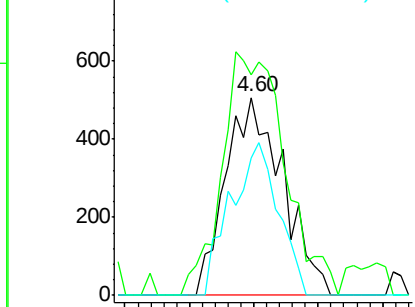
cis-1,2-Dichloroethene
 Concen: 0.673 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009449.D
 Acq: 10 May 2019 00:20

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW714-190506

Tot Ion: 96 Resp: 1570
 Ion Ratio Lower Upper
 96 100
 61 134.3 0.0 324.0
 98 64.1 0.0 130.4



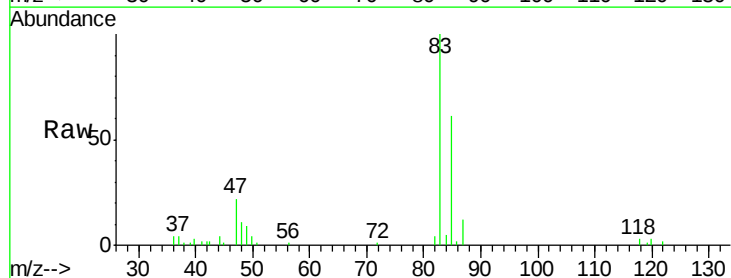
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



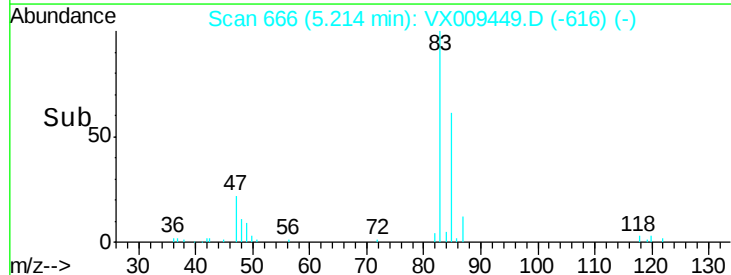
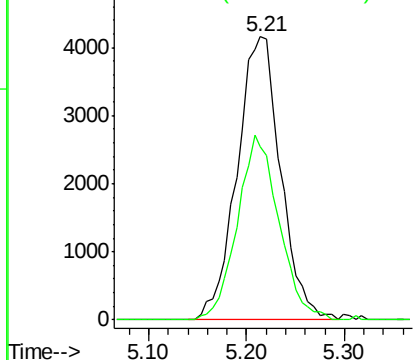
#30

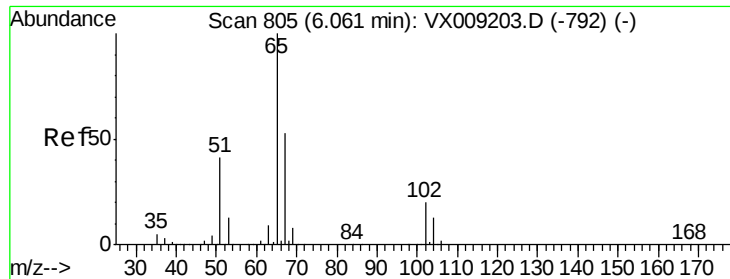
Chloroform
 Concen: 3.395 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: VX009449.D
 Acq: 10 May 2019 00:20

Tgt Ion: 83 Resp: 12798
 Ion Ratio Lower Upper
 83 100
 85 61.4 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.779 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009449.D

Acq: 10 May 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

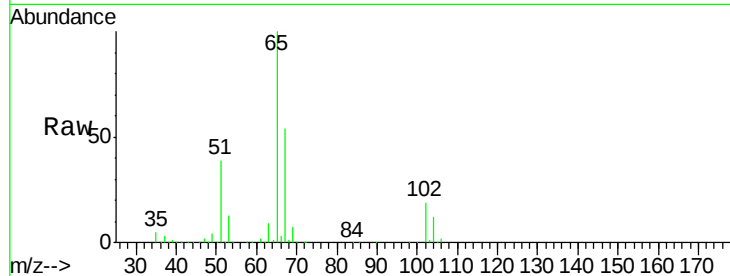
SS052MW714-190506

Tot Ion: 65 Resp: 125322

Ion Ratio Lower Upper

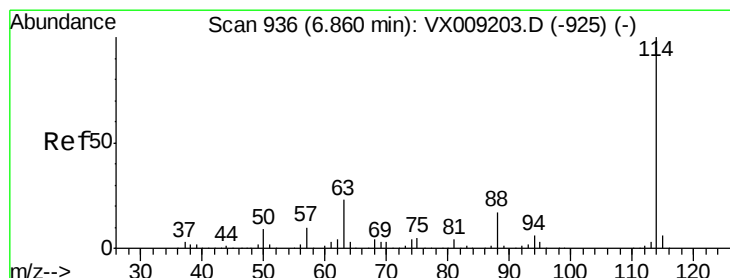
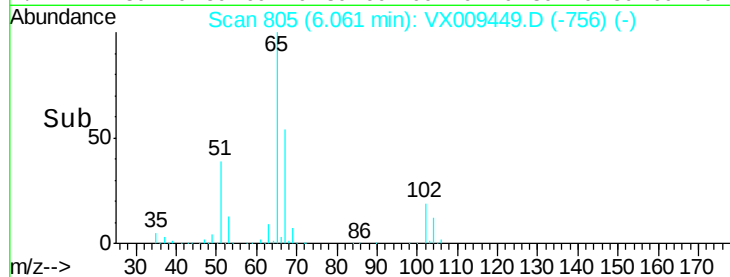
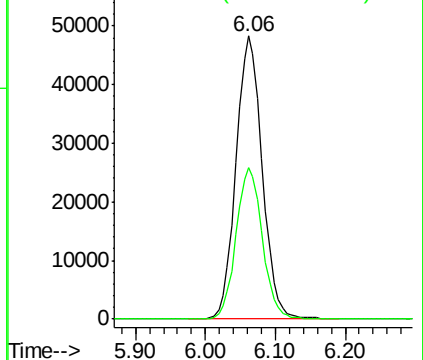
65 100

67 53.9 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009449.D

Acq: 10 May 2019 00:20

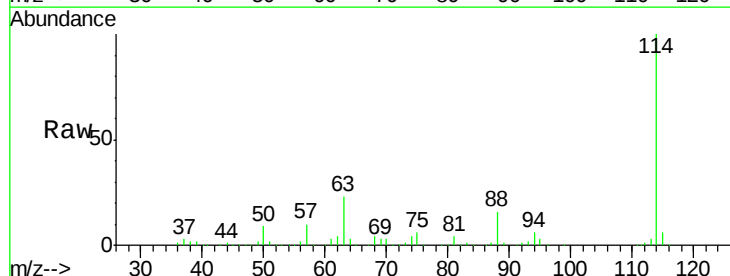
Tgt Ion: 114 Resp: 305943

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

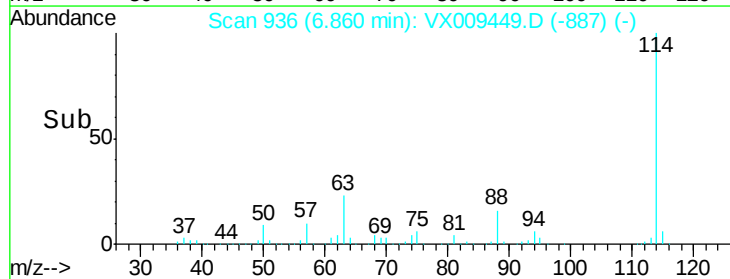
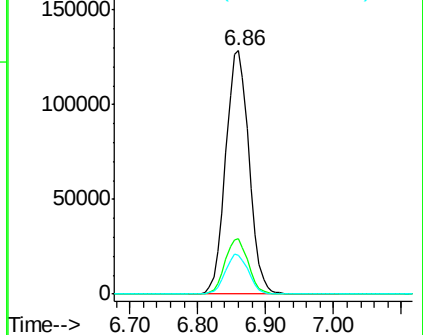
88 16.2 0.0 33.2

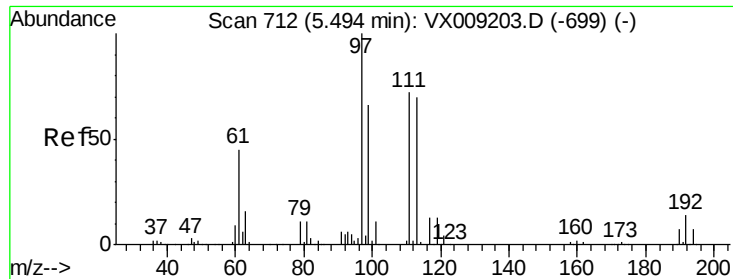


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

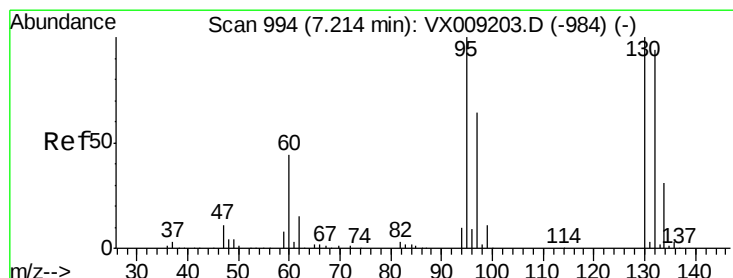
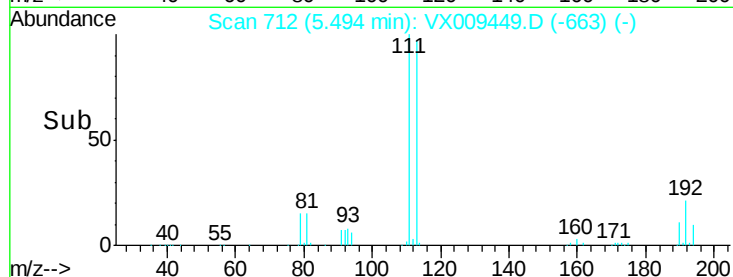
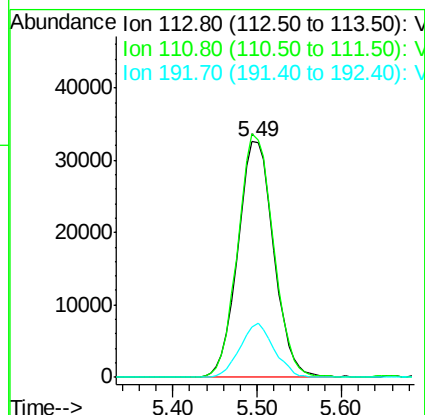
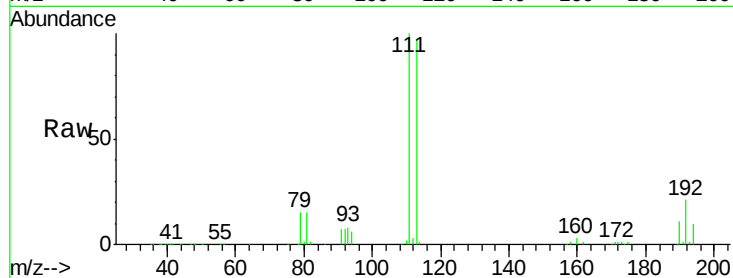




#35
 Dibromofluoromethane
 Concen: 48.910 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009449.D
 Acq: 10 May 2019 00:20

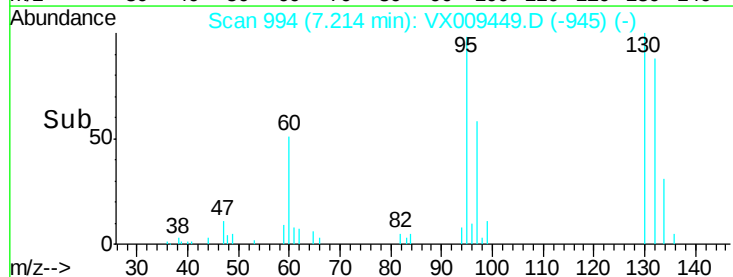
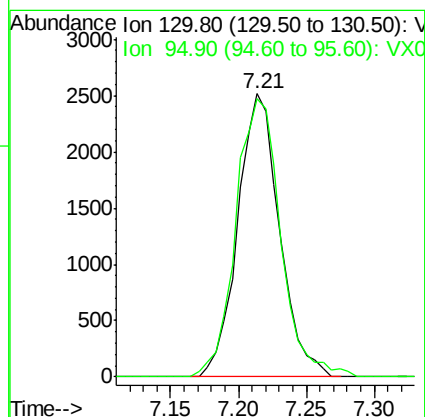
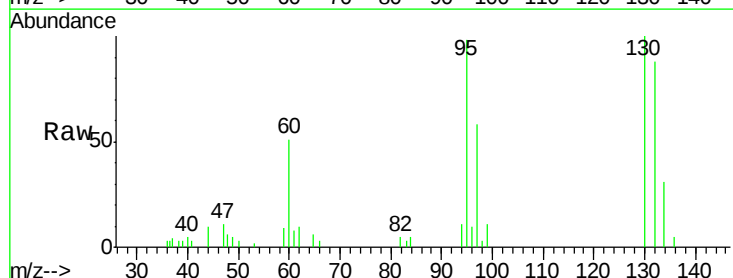
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW714-190506

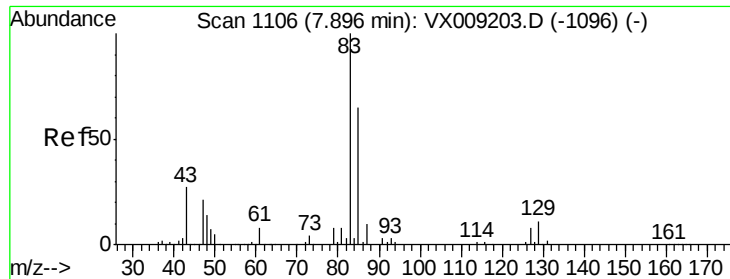
Tot Ion:113 Resp: 94067
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.8 124.2
 192 21.7 17.0 25.6



#44
 Trichloroethene
 Concen: 2.535 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009449.D
 Acq: 10 May 2019 00:20

Tgt Ion:130 Resp: 5392
 Ion Ratio Lower Upper
 130 100
 95 98.4 0.0 199.2





#47

Bromodichloromethane

Concen: 0.600 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009449.D

Acq: 10 May 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

SS052MW714-190506

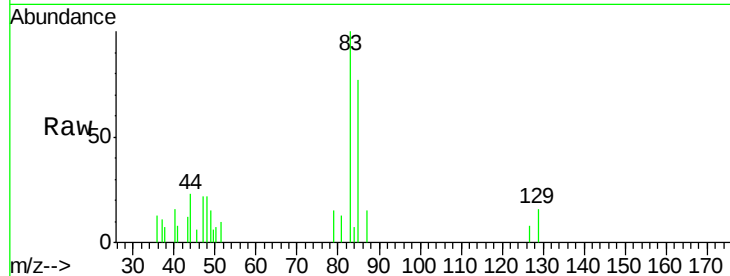
Tot Ion: 83 Resp: 1731

Ion Ratio Lower Upper

83 100

85 77.1 52.4 78.6

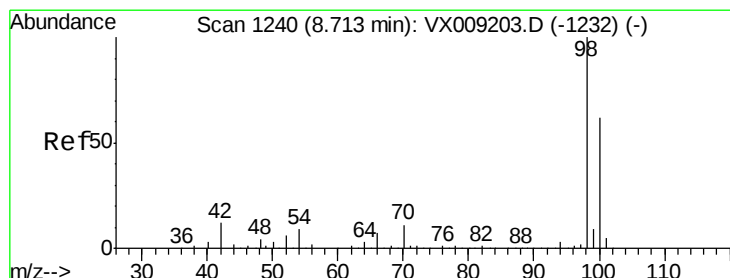
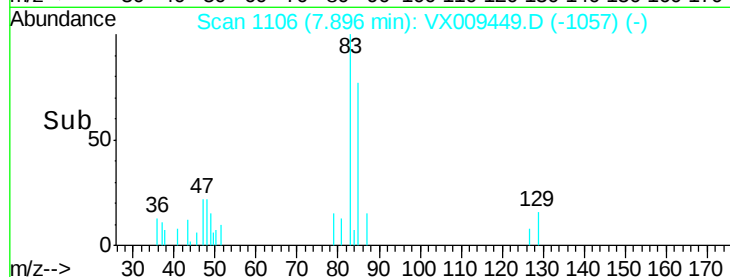
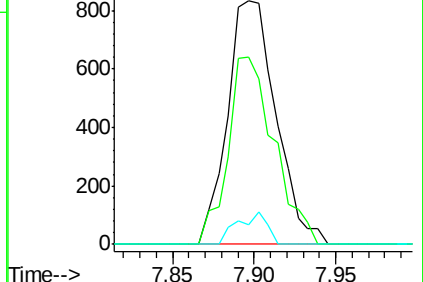
127 8.0 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 49.298 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009449.D

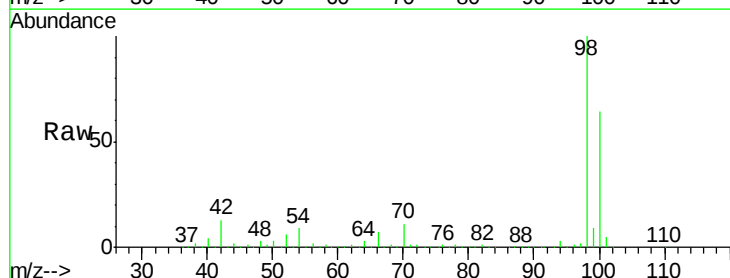
Acq: 10 May 2019 00:20

Tgt Ion: 98 Resp: 382788

Ion Ratio Lower Upper

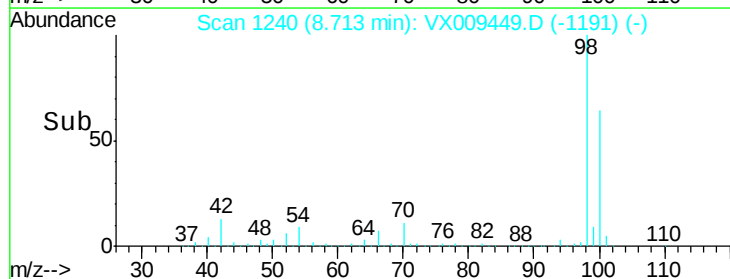
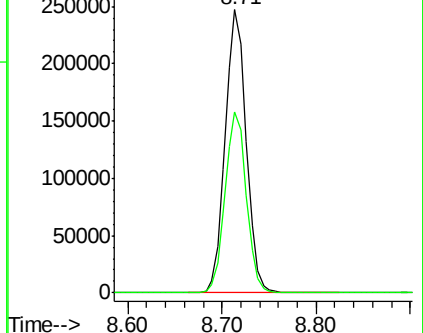
98 100

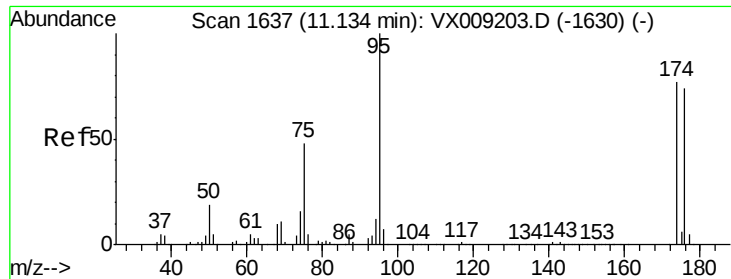
100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.359 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009449.D

Acq: 10 May 2019 00:20

Instrument :

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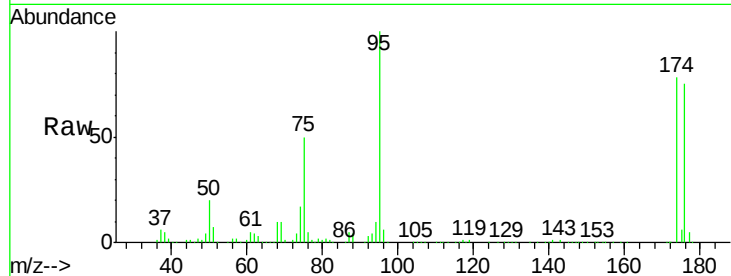
Tot Ion: 95 Resp: 130798

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.6

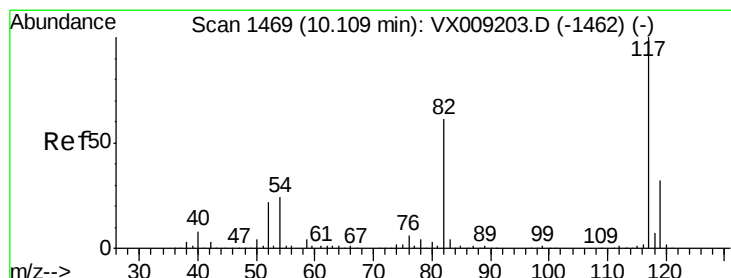
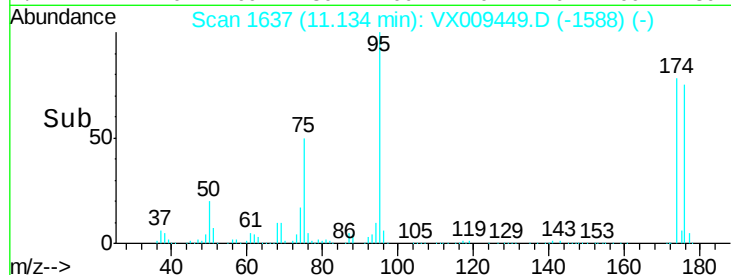
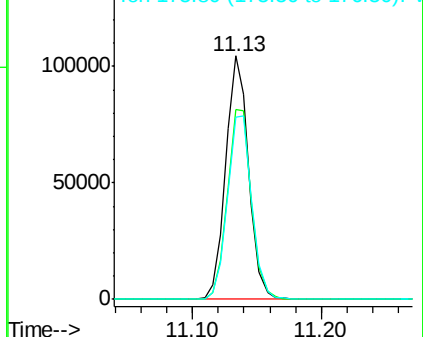
176 79.9 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009449.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009449.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009449.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009449.D

Acq: 10 May 2019 00:20

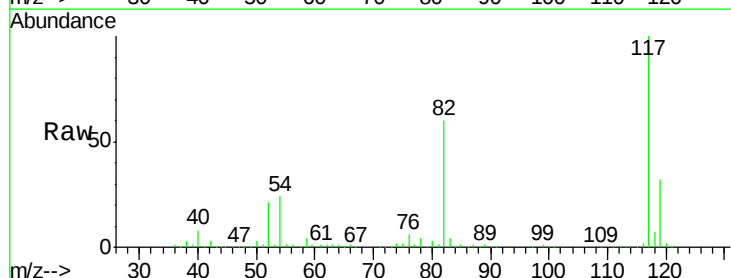
Tgt Ion: 117 Resp: 271515

Ion Ratio Lower Upper

117 100

82 59.8 48.8 73.2

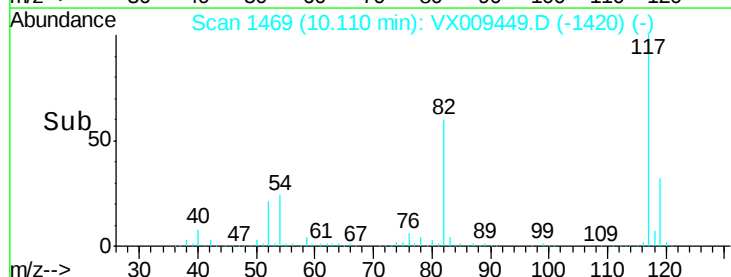
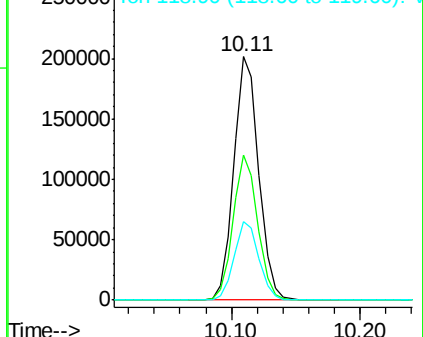
119 32.0 25.8 38.6

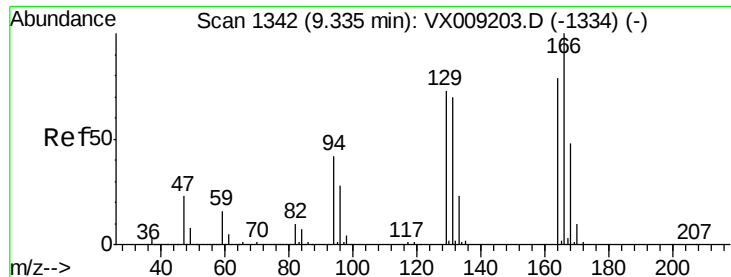


Abundance Ion 116.90 (116.60 to 117.60): VX009449.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009449.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009449.D (-1420) (-)





#64

Tetrachloroethene

Concen: 0.643 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009449.D

Acq: 10 May 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

SS052MW714-190506

Tot Ion:164 Resp: 1198

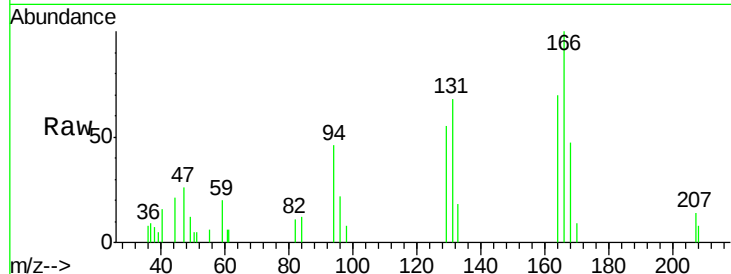
Ion Ratio Lower Upper

164 100

166 143.2 101.2 151.8

129 78.9 74.3 111.5

131 97.3 71.0 106.6

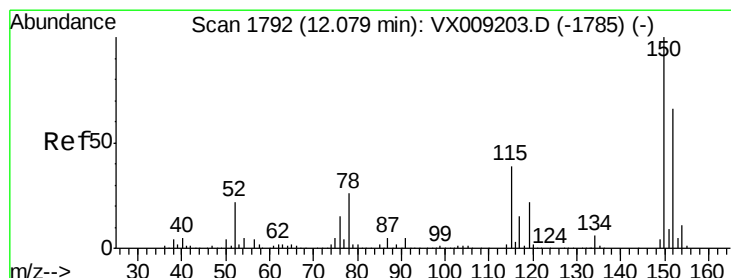
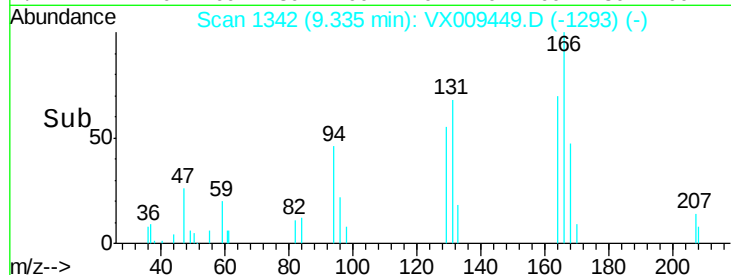
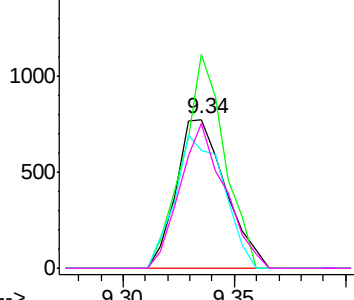


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009449.D

Acq: 10 May 2019 00:20

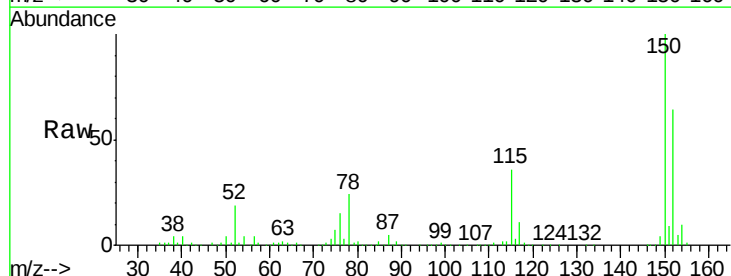
Tgt Ion:152 Resp: 119119

Ion Ratio Lower Upper

152 100

115 58.8 41.2 123.6

150 158.4 0.0 346.4



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

