

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011191.D
 Acq On : 30 Jul 2019 13:46
 Operator : JC/SP
 Sample : K4043-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-278-280

Quant Time: Jul 31 08:09:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	234781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333170	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141301	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	114505	45.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.68%	
35) Dibromofluoromethane	5.49	113	100319	47.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.88%	
50) Toluene-d8	8.71	98	389902	49.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.13	95	129406	44.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.78%	

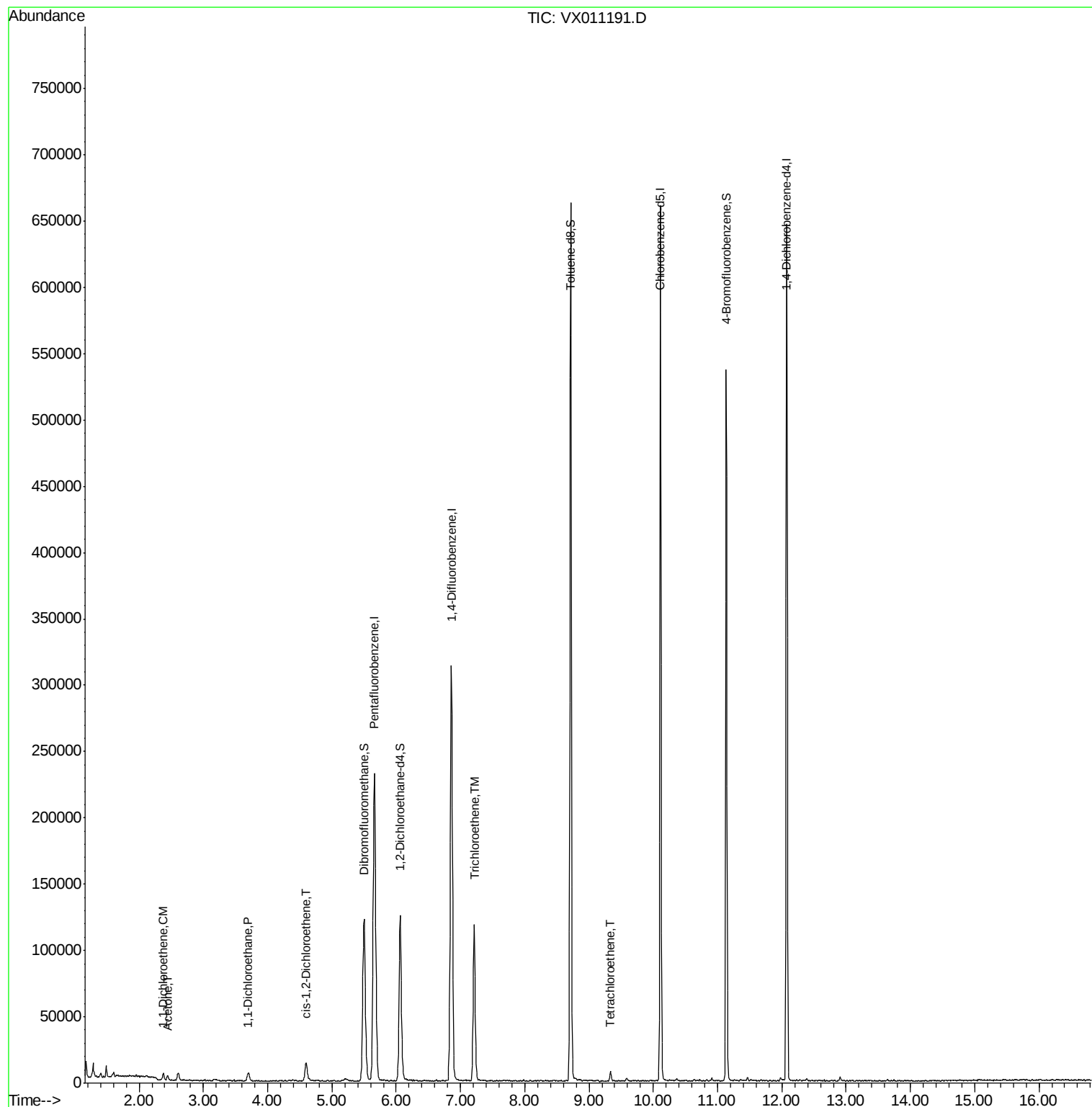
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.37	96	1912	0.914	ug/l #	79
16) Acetone	2.44	43	4038	3.580	ug/l	93
24) 1,1-Dichloroethane	3.70	63	6345	1.705	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	8950	3.485	ug/l	90
44) Trichloroethene	7.21	130	46641	18.796	ug/l	97
64) Tetrachloroethene	9.34	164	1351	0.576	ug/l	97

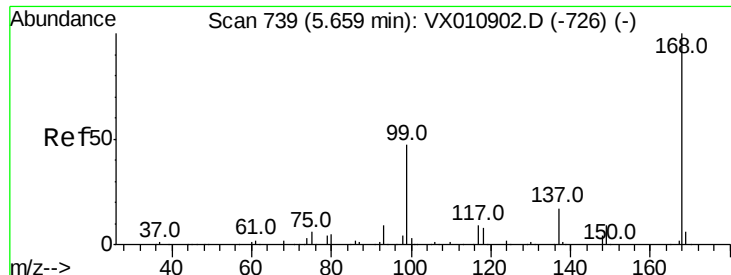
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 31 08:09:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011191.D

Acq: 30 Jul 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

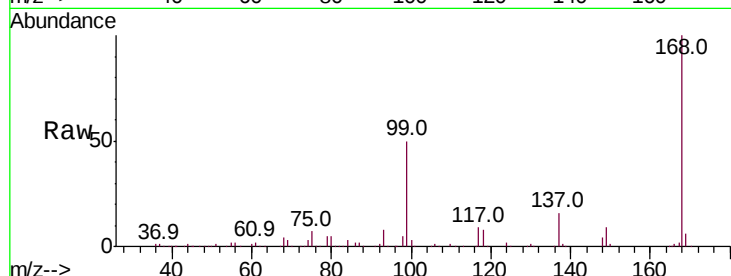
BP-VPB203-GW-278-280

Tot Ion:168 Resp: 234781

Ion Ratio Lower Upper

168 100

99 50.3 37.6 56.4

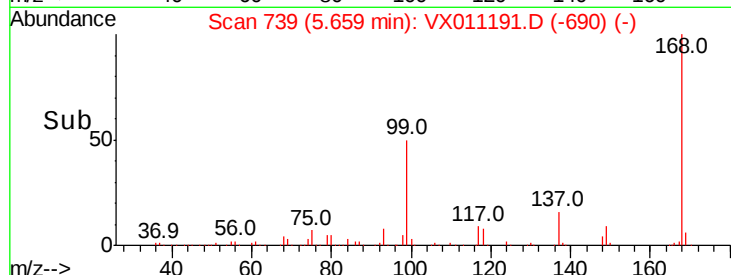


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



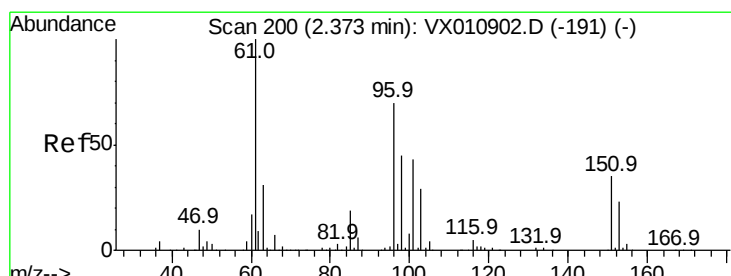
Abundance

Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



#12

1,1-Dichloroethene

Concen: 0.914 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011191.D

Acq: 30 Jul 2019 13:46

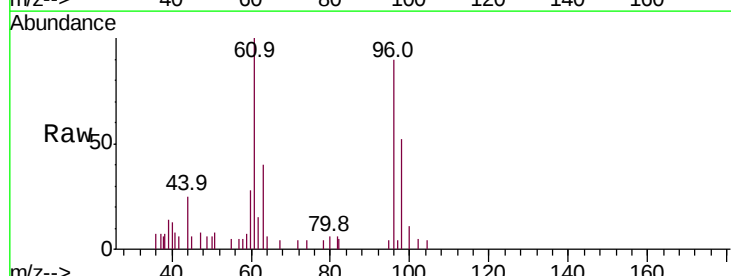
Tgt Ion: 96 Resp: 1912

Ion Ratio Lower Upper

96 100

61 111.1 115.0 172.4#

98 58.3 52.2 78.2



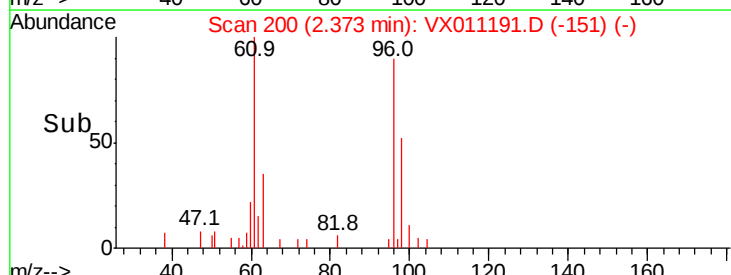
Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2.37

Time-->



Abundance

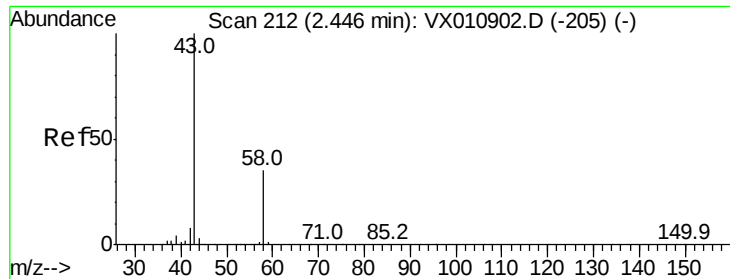
Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2.37

Time-->



#16

Acetone

Concen: 3.580 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011191.D

Acq: 30 Jul 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

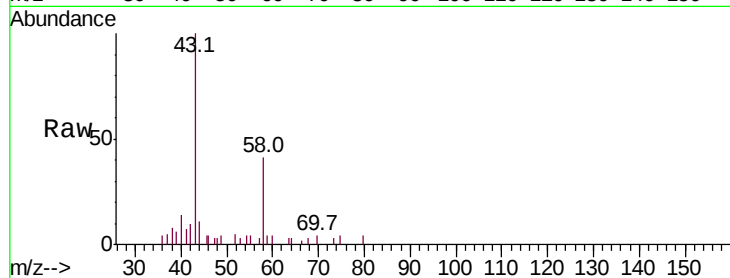
BP-VPB203-GW-278-280

Tot Ion: 43 Resp: 4038

Ion Ratio Lower Upper

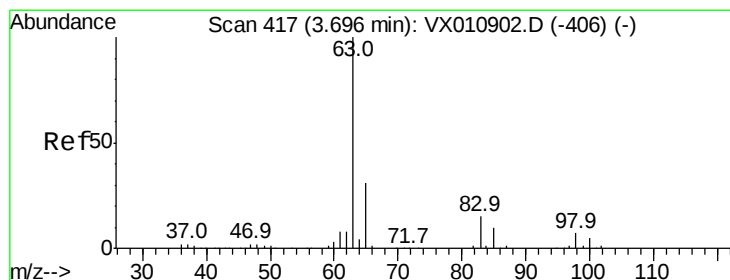
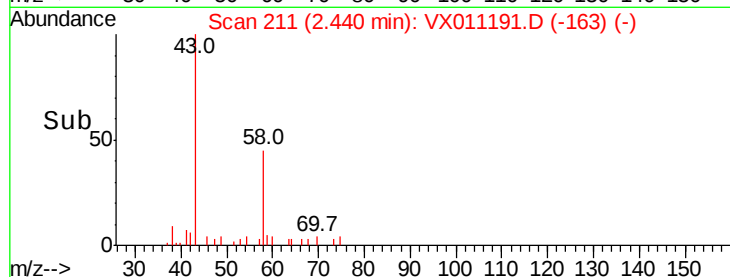
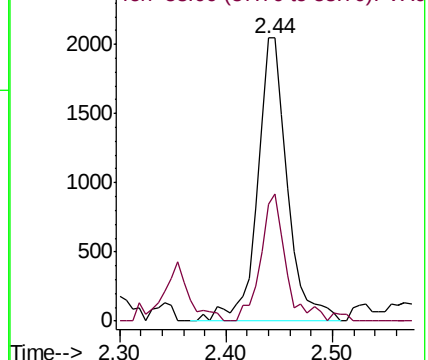
43 100

58 38.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#24

1,1-Dichloroethane

Concen: 1.705 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX011191.D

Acq: 30 Jul 2019 13:46

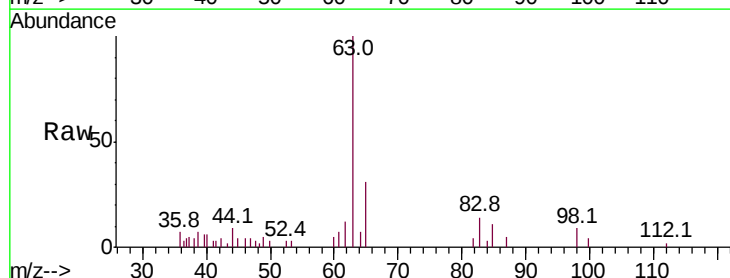
Tgt Ion: 63 Resp: 6345

Ion Ratio Lower Upper

63 100

98 8.8 3.6 10.9

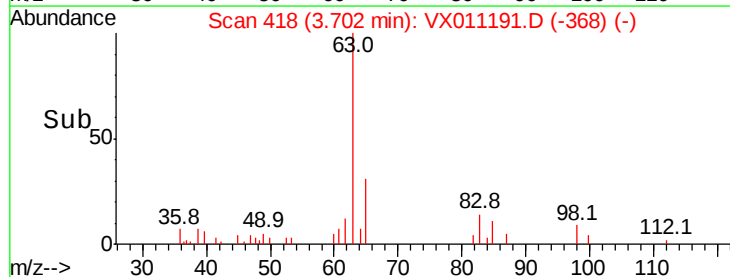
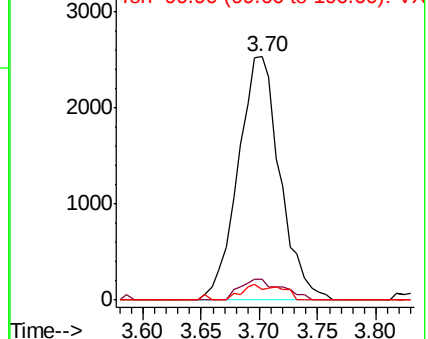
100 4.4 2.4 7.2

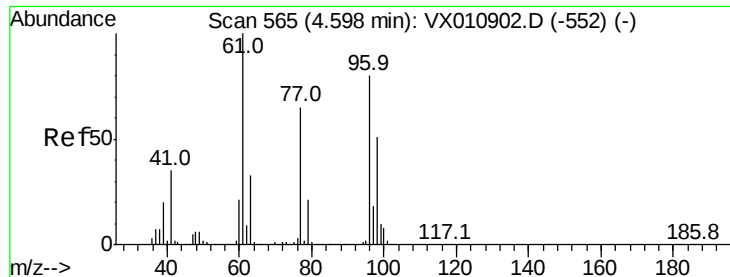


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



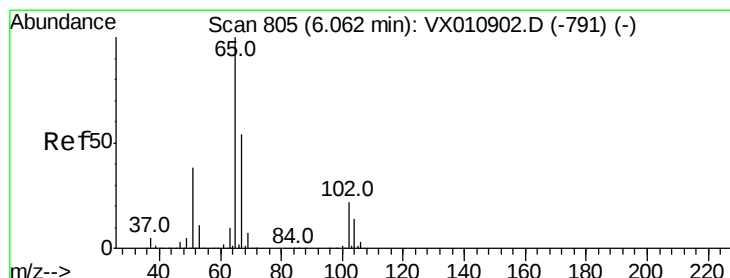
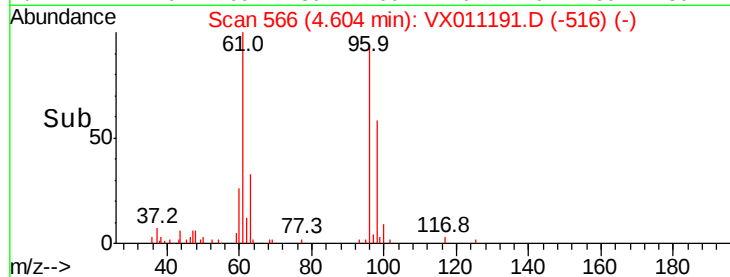
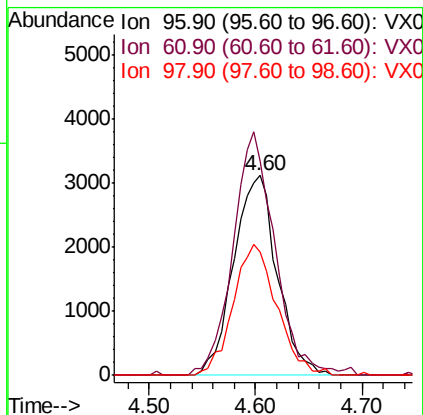
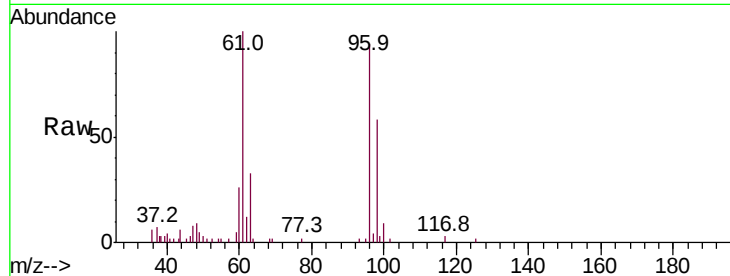


#27

cis-1,2-Dichloroethene
 Concen: 3.485 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX011191.D
 Acq: 30 Jul 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-278-280

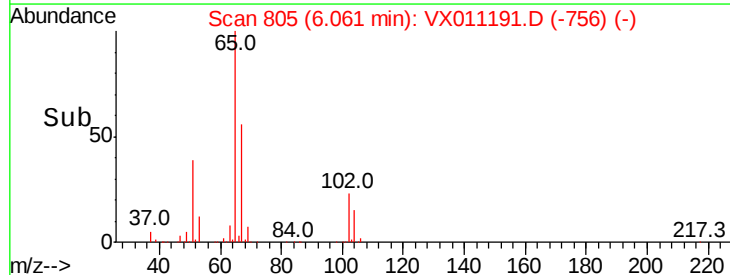
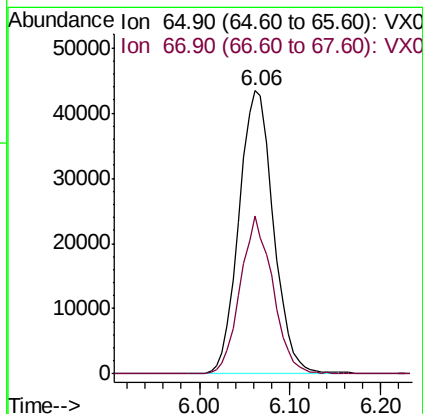
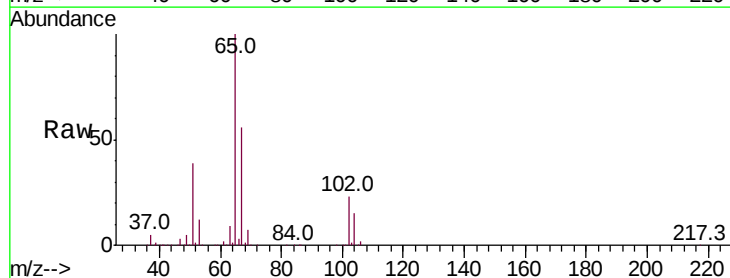
Tot Ion	Ratio	Lower	Upper
96	100		
61	116.5	0.0	269.0
98	65.7	0.0	131.4

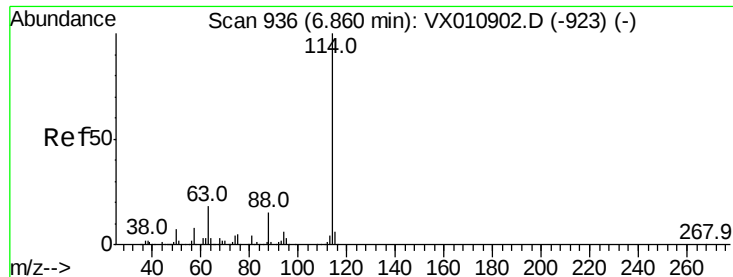


#33

1,2-Dichloroethane-d4
 Concen: 45.844 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011191.D
 Acq: 30 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011191.D

Acq: 30 Jul 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-278-280

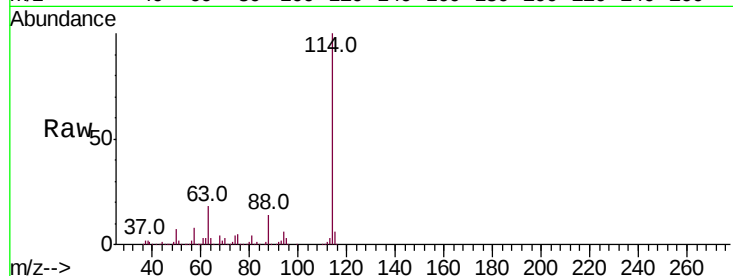
Tot Ion:114 Resp: 333170

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

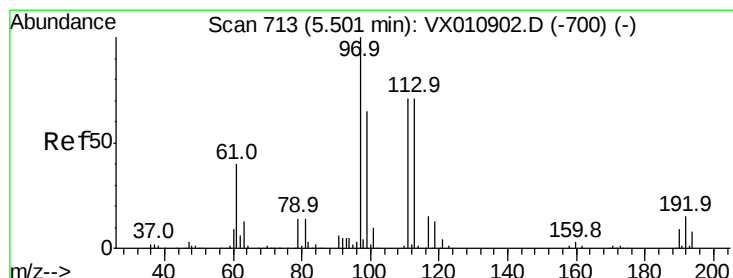
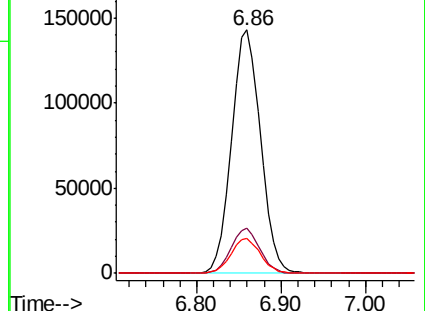
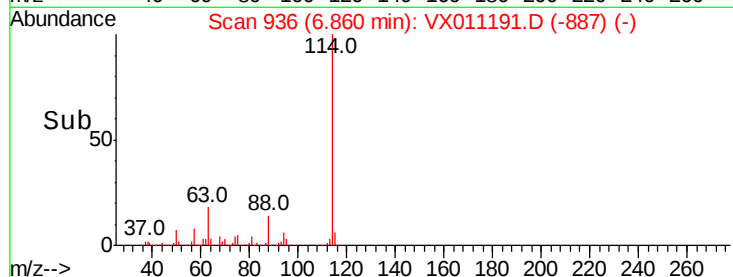
88 14.2 0.0 29.8



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: 47.439 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011191.D

Acq: 30 Jul 2019 13:46

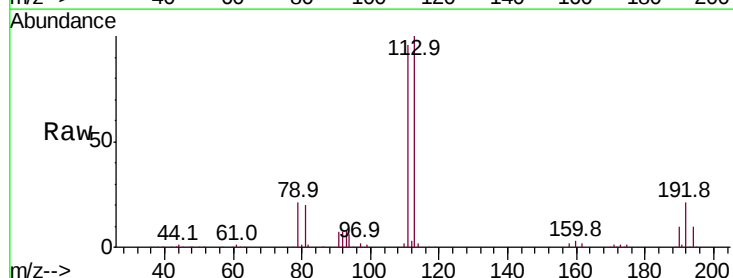
Tgt Ion:113 Resp: 100319

Ion Ratio Lower Upper

113 100

111 100.8 82.3 123.5

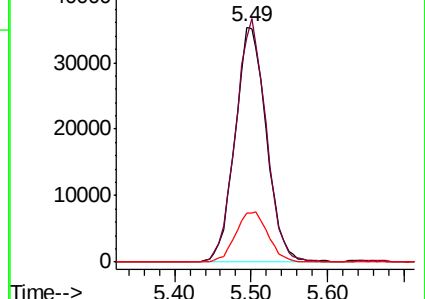
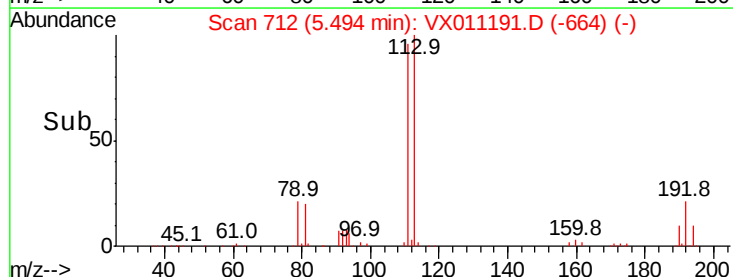
192 22.2 17.4 26.2

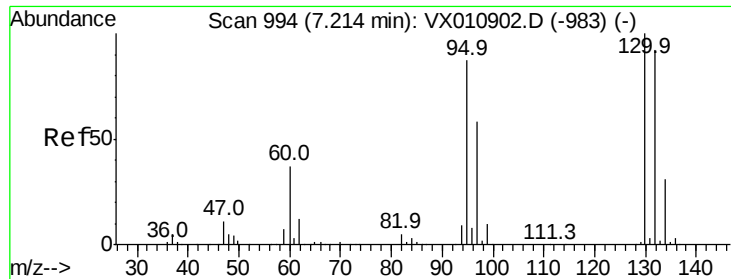


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

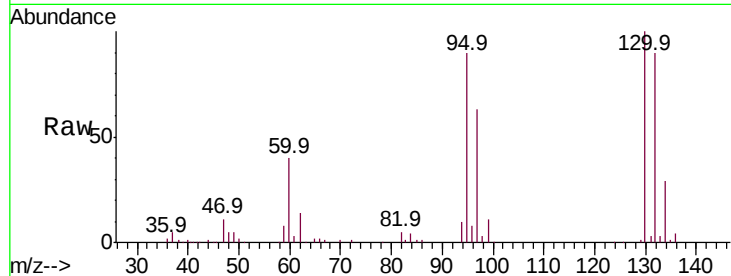




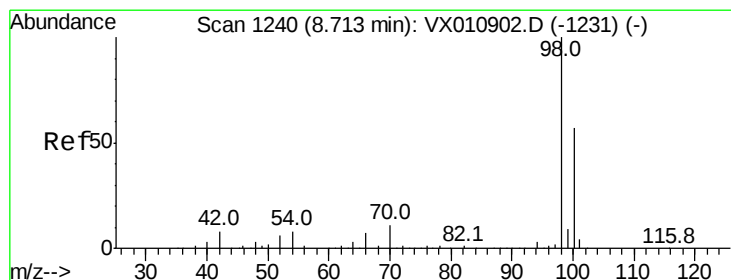
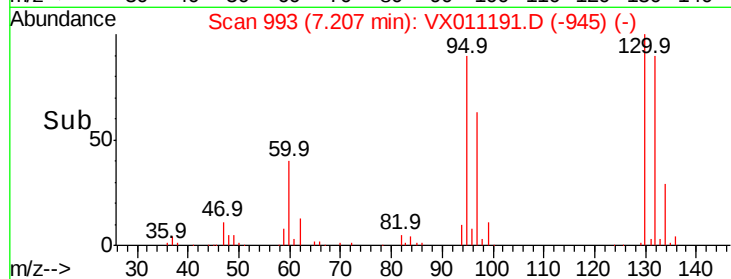
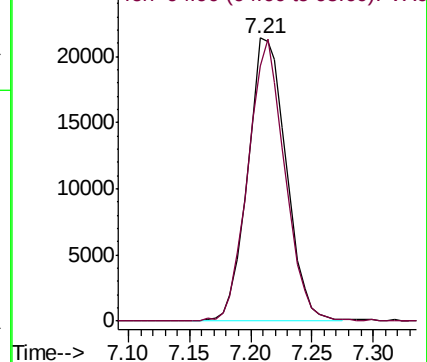
#44
 Trichloroethene
 Concen: 18.796 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX011191.D
 Acq: 30 Jul 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-278-280

Tot Ion:130 Resp: 46641
 Ion Ratio Lower Upper
 130 100
 95 90.2 0.0 174.8

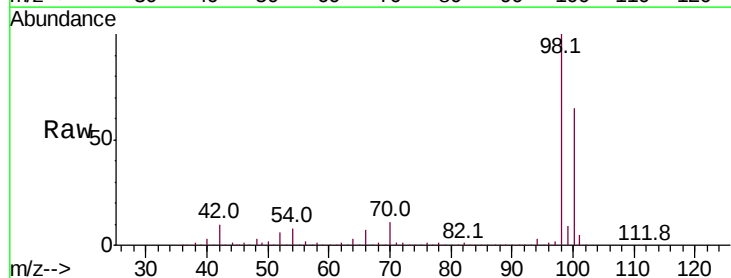


Abundance Ion 129.80 (129.50 to 130.50): V

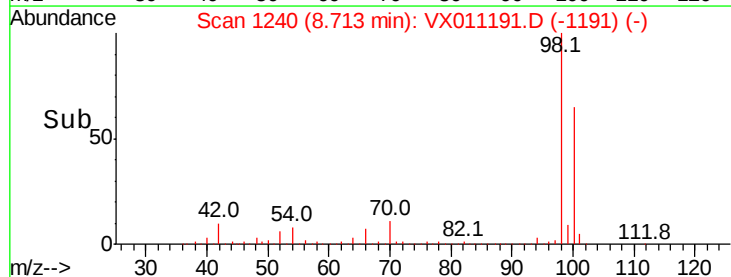
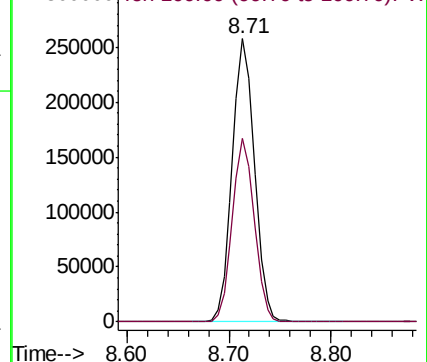


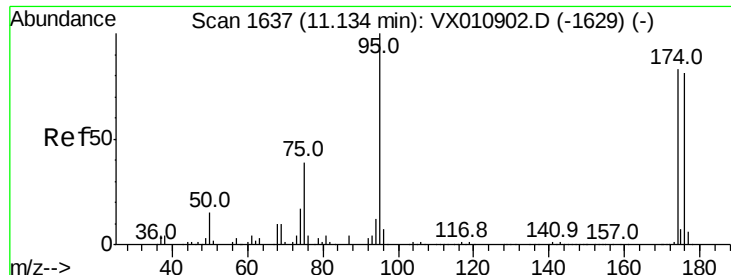
#50
 Toluene-d8
 Concen: 49.159 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011191.D
 Acq: 30 Jul 2019 13:46

Tgt Ion: 98 Resp: 389902
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.388 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011191.D

Acq: 30 Jul 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-278-280

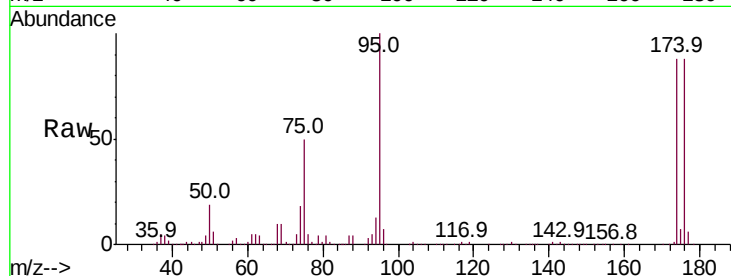
Tot Ion: 95 Resp: 129406

Ion Ratio Lower Upper

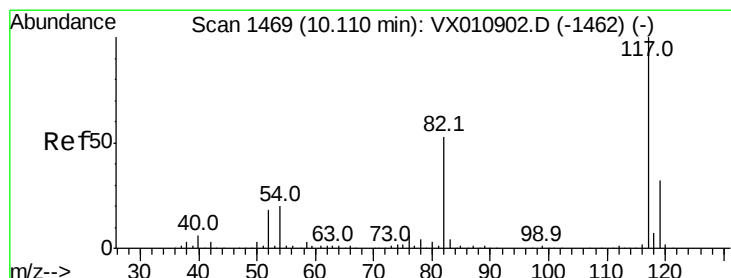
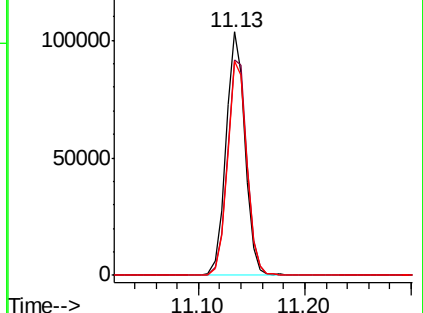
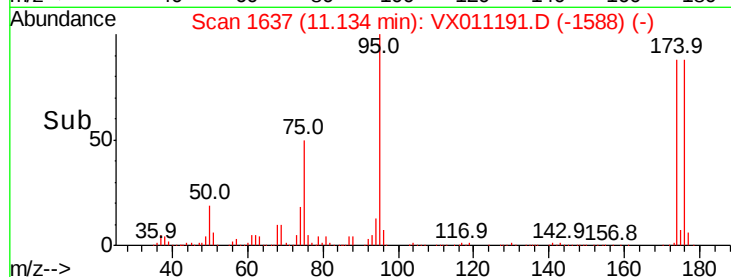
95 100

174 91.8 0.0 180.6

176 89.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011191.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011191.D

Acq: 30 Jul 2019 13:46

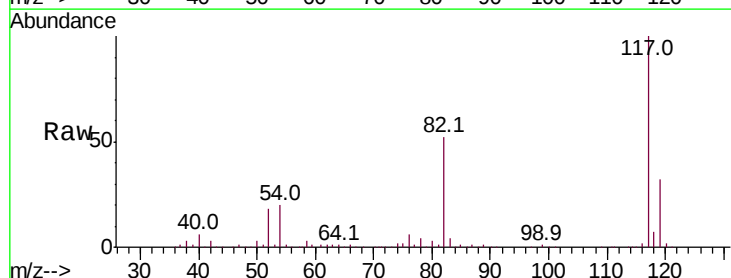
Tgt Ion: 117 Resp: 298280

Ion Ratio Lower Upper

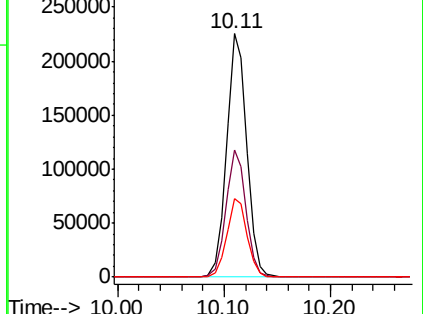
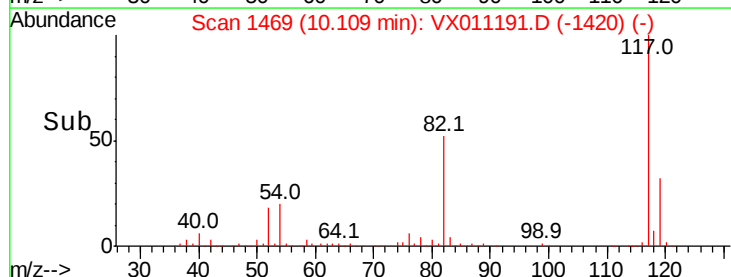
117 100

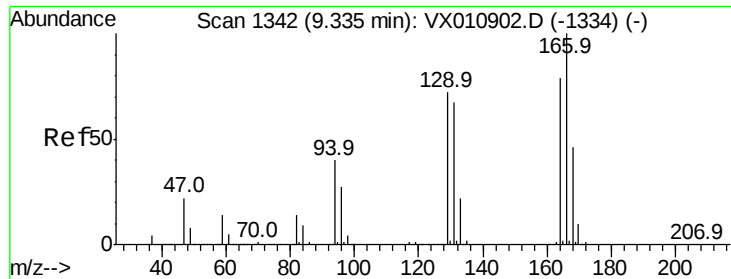
82 52.3 42.6 63.8

119 32.5 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011191.D (-1420) (-)





#64

Tetrachloroethene

Concen: 0.576 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX011191.D

Acq: 30 Jul 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-278-280

Tot Ion:164 Resp: 1351

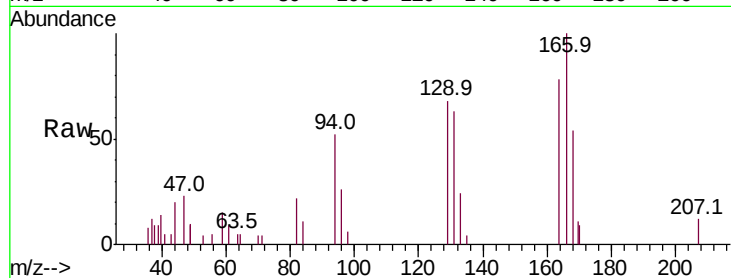
Ion Ratio Lower Upper

164 100

166 128.1 100.8 151.2

129 87.3 72.6 109.0

131 80.4 67.7 101.5

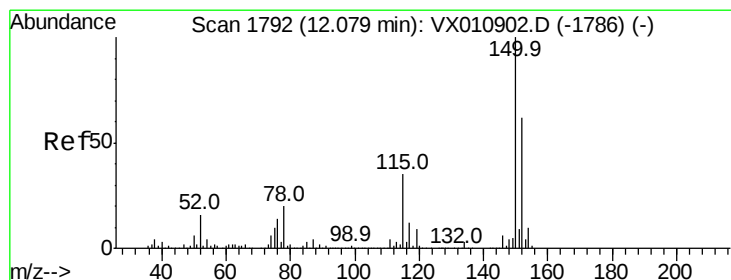
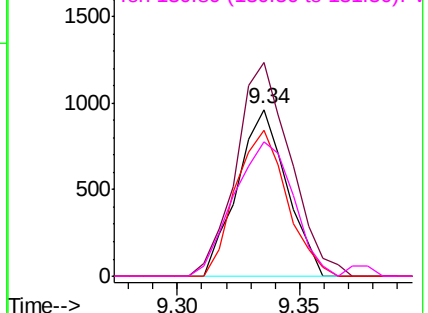
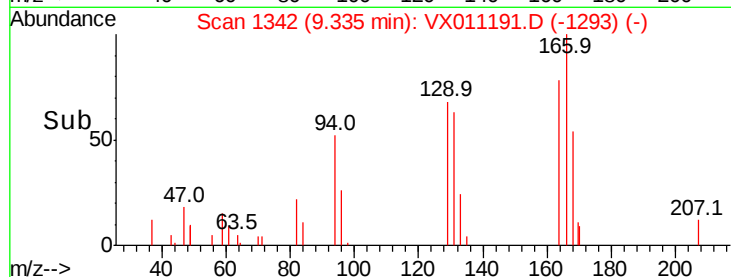


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX011191.D

Acq: 30 Jul 2019 13:46

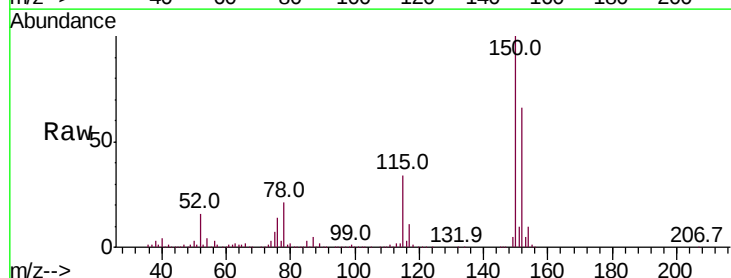
Tgt Ion:152 Resp: 141301

Ion Ratio Lower Upper

152 100

115 54.2 39.7 119.1

150 152.0 0.0 345.6



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

