

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072519\
 Data File : VX011074.D
 Acq On : 25 Jul 2019 13:42
 Operator : JC/SP
 Sample : K3973-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-218-220

Quant Time: Jul 26 02:19:27 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	5.67	168	203411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	300565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	140754	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	112674	52.07	ug/l	0.00
Spiked Amount						
			Recovery	=	104.14%	
35) Dibromofluoromethane	5.50	113	102141	49.56	ug/l	0.00
Spiked Amount						
			Recovery	=	99.12%	
50) Toluene-d8	8.71	98	389298	50.37	ug/l	0.00
Spiked Amount						
			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.13	95	137629	48.44	ug/l	0.00
Spiked Amount						
			Recovery	=	96.88%	

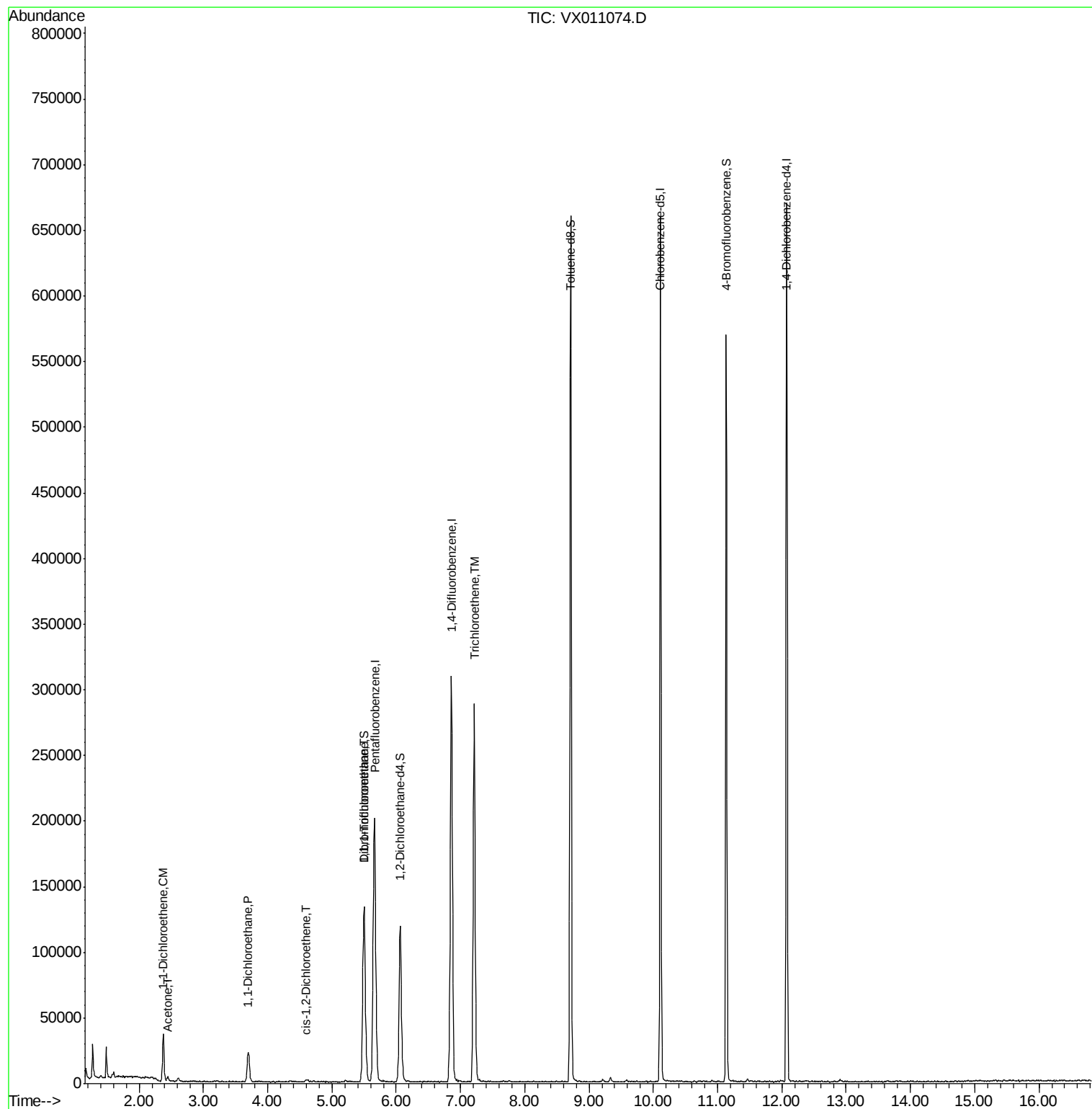
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.38	96	13137	7.251	ug/l	94
16) Acetone	2.45	43	3520	3.602	ug/l	95
24) 1,1-Dichloroethane	3.70	63	25634	7.952	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	1079	0.485	ug/l	81
32) 1,1,1-Trichloroethane	5.50	97	8946	2.968	ug/l	96
44) Trichloroethene	7.21	130	112106	46.360	ug/l	94

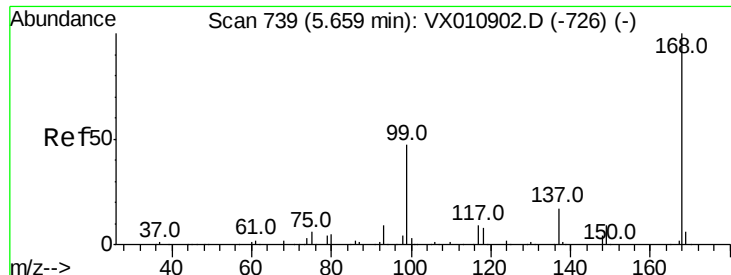
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
BP-VPB203-GW-218-220

Quant Time: Jul 26 02:19:27 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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011074.D

Acq: 25 Jul 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

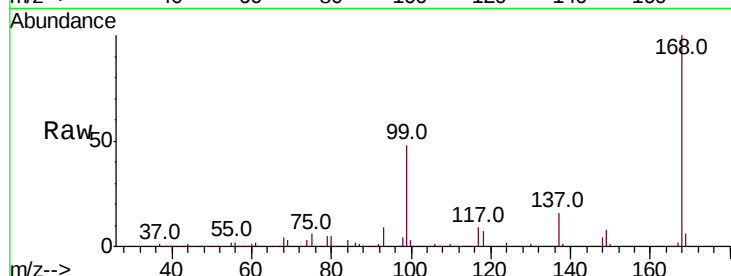
BP-VPB203-GW-218-220

Tot Ion:168 Resp: 203411

Ion Ratio Lower Upper

168 100

99 48.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

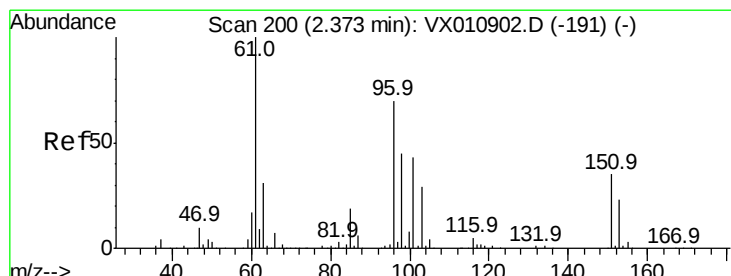
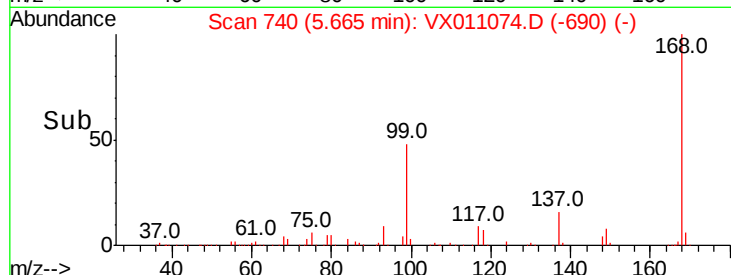
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 7.251 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011074.D

Acq: 25 Jul 2019 13:42

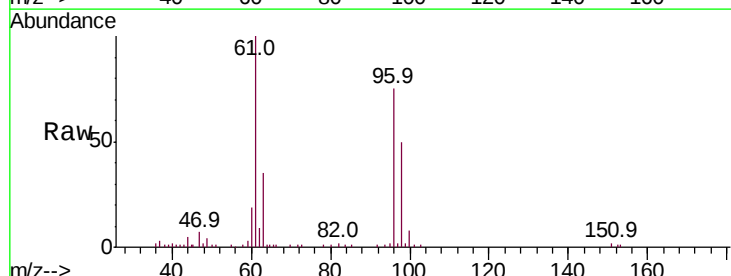
Tgt Ion: 96 Resp: 13137

Ion Ratio Lower Upper

96 100

61 133.3 115.0 172.4

98 66.4 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

15000

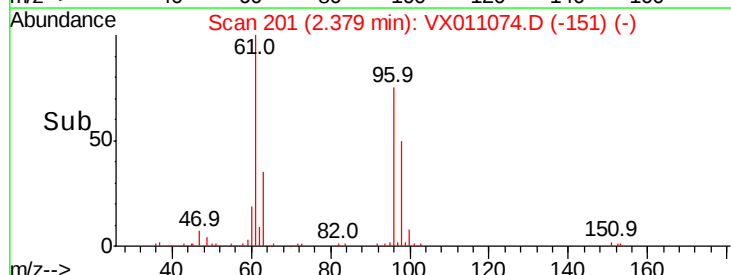
10000

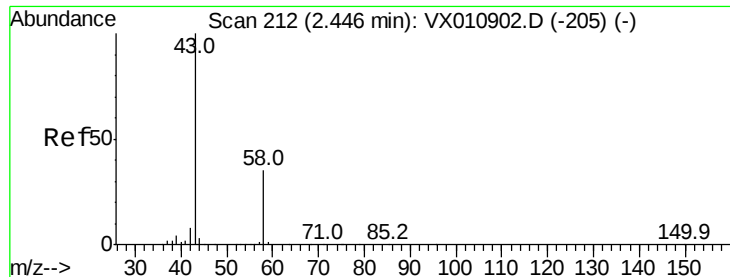
5000

0

Time-->

2.30 2.35 2.40 2.45





#16

Acetone

Concen: 3.602 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011074.D

Acq: 25 Jul 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

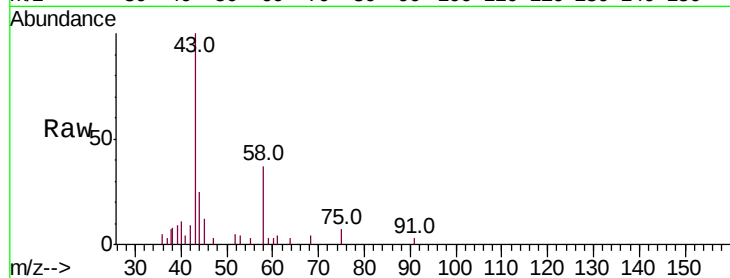
BP-VPB203-GW-218-220

Tot Ion: 43 Resp: 3520

Ion Ratio Lower Upper

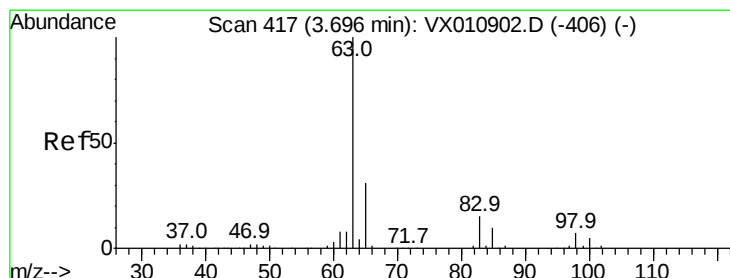
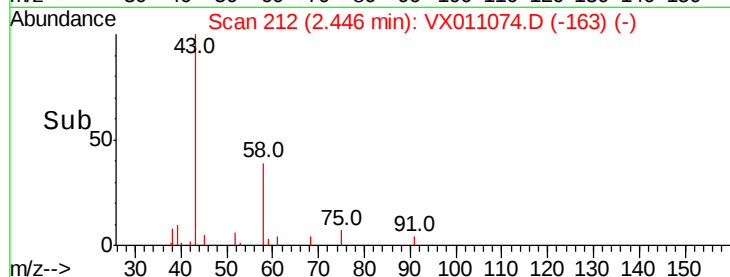
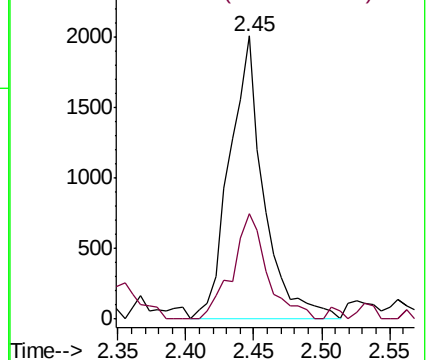
43 100

58 37.5 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: 7.952 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX011074.D

Acq: 25 Jul 2019 13:42

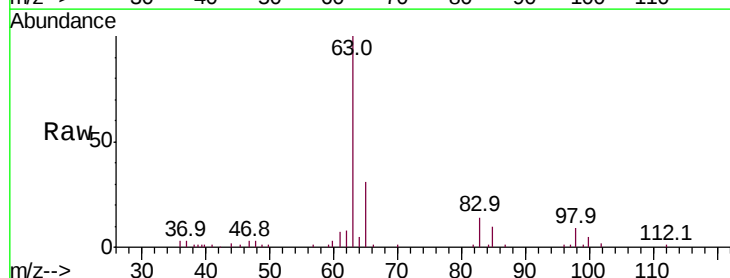
Tgt Ion: 63 Resp: 25634

Ion Ratio Lower Upper

63 100

98 8.7 3.6 10.9

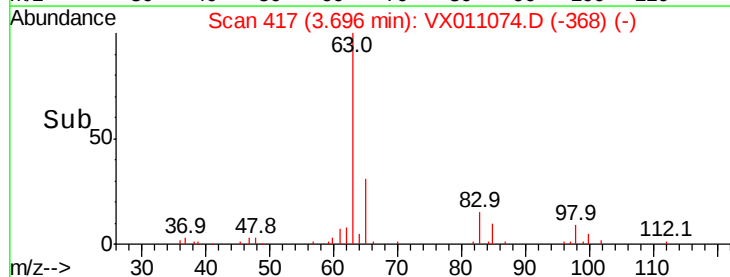
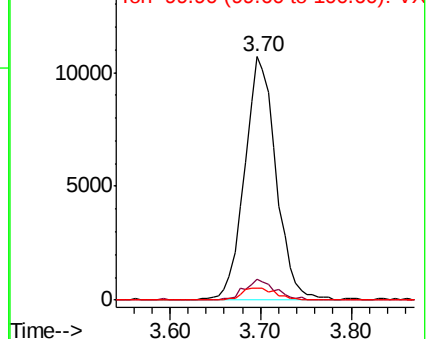
100 5.0 2.4 7.2

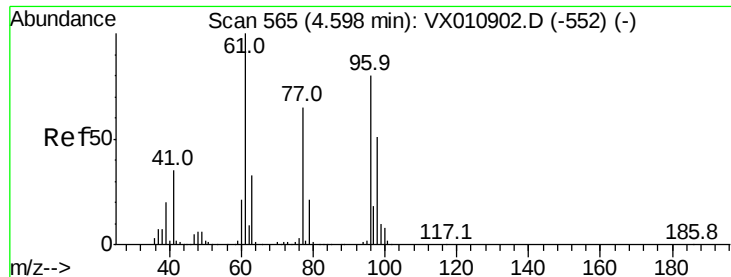


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



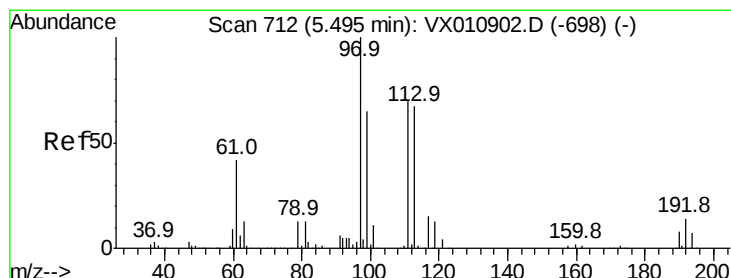
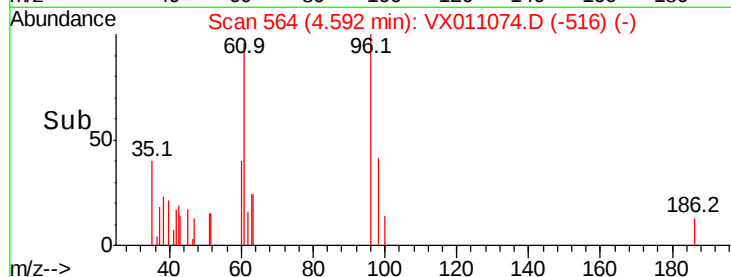
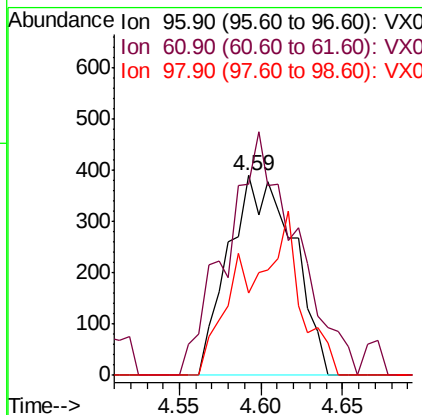
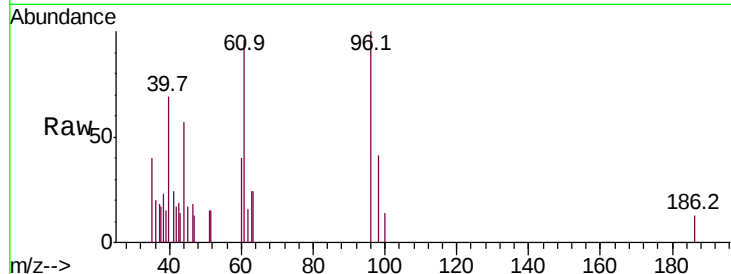


#27

cis-1,2-Dichloroethene
 Concen: 0.485 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX011074.D
 Acq: 25 Jul 2019 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-218-220

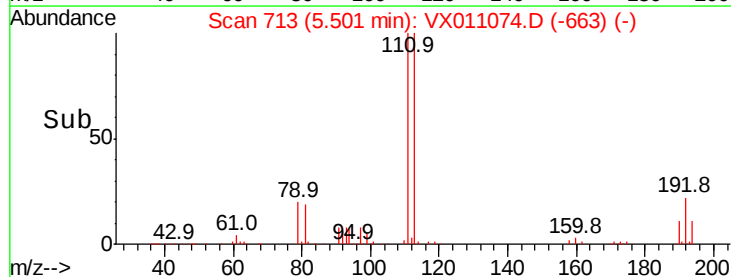
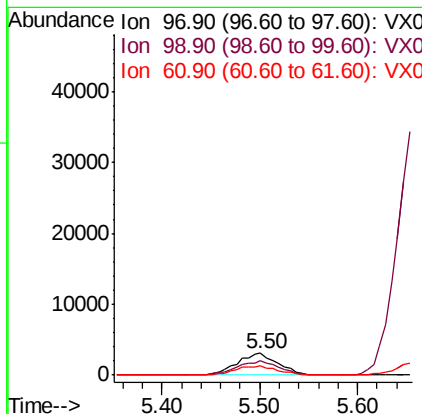
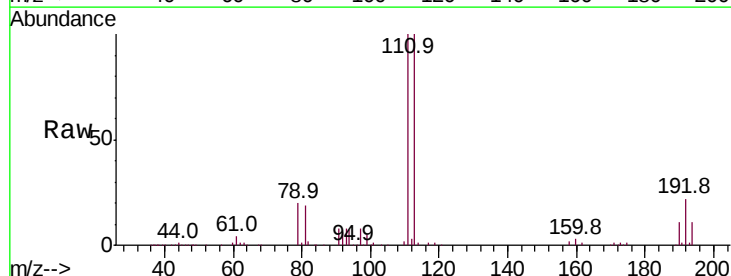
Tot Ion: 96 Resp: 1079
 Ion Ratio Lower Upper
 96 100
 61 130.7 0.0 269.0
 98 24.3 0.0 131.4

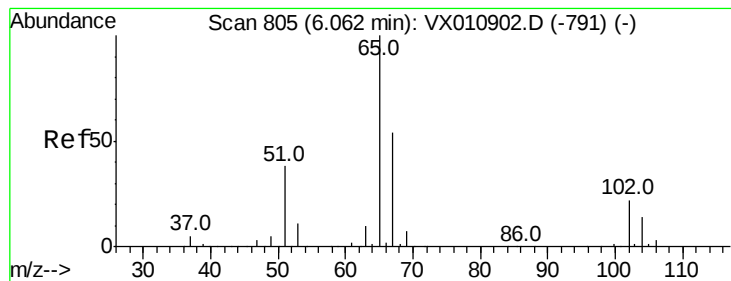


#32

1,1,1-Trichloroethane
 Concen: 2.968 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX011074.D
 Acq: 25 Jul 2019 13:42

Tgt Ion: 97 Resp: 8946
 Ion Ratio Lower Upper
 97 100
 99 67.1 51.4 77.0
 61 44.2 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 52.068 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011074.D

Acq: 25 Jul 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

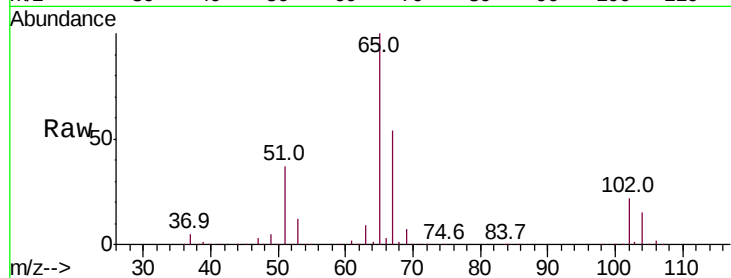
BP-VPB203-GW-218-220

Tot Ion: 65 Resp: 112674

Ion Ratio Lower Upper

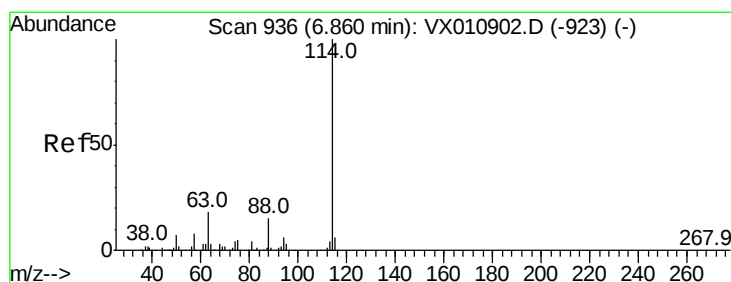
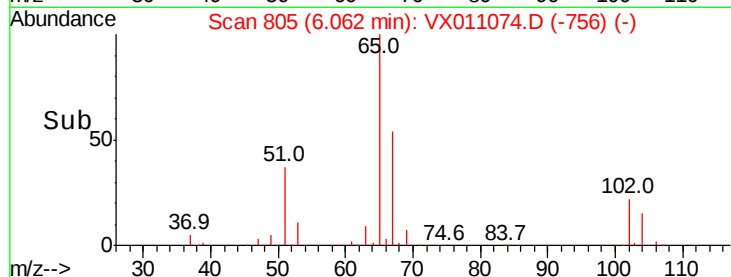
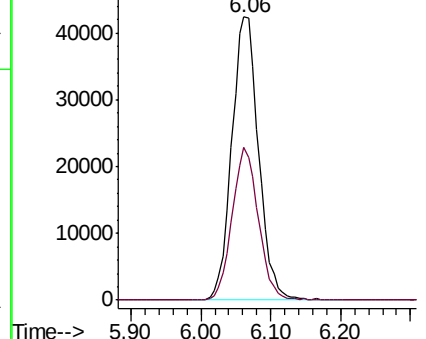
65 100

67 52.6 0.0 107.8



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: VX011074.D

Acq: 25 Jul 2019 13:42

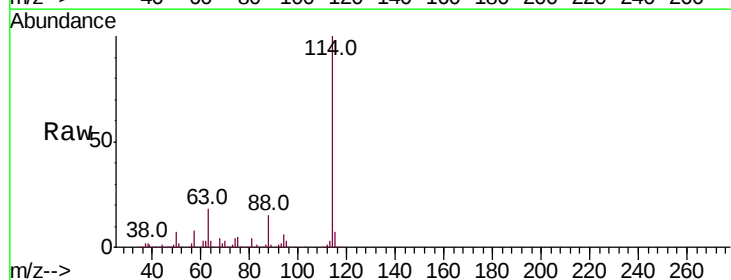
Tgt Ion:114 Resp: 324674

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

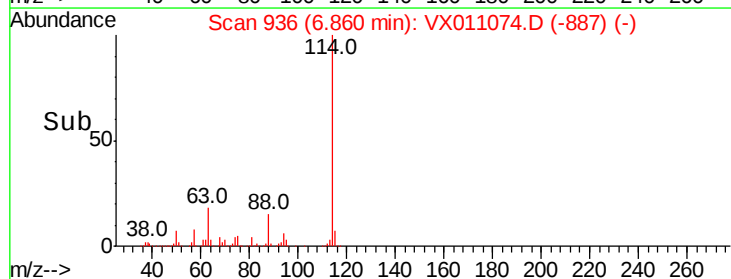
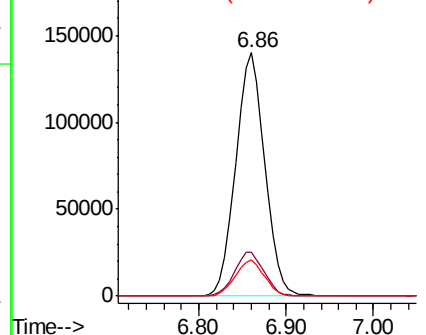
88 14.7 0.0 29.8

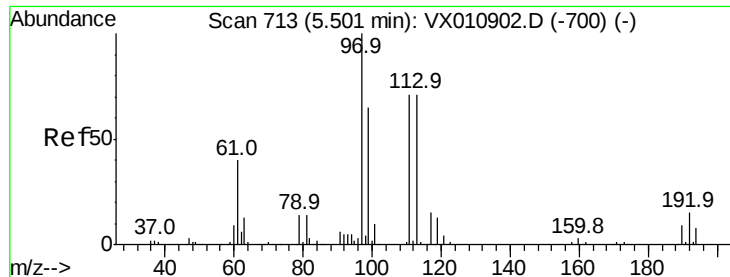


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.564 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011074.D

Acq: 25 Jul 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-218-220

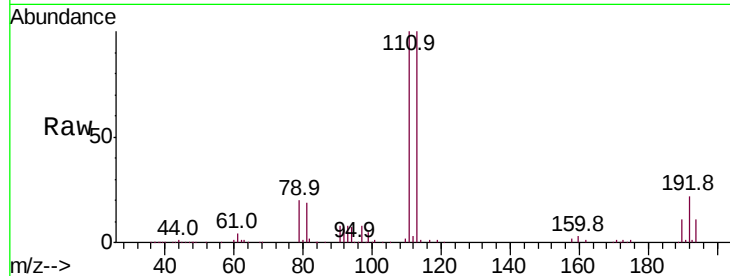
Tot Ion:113 Resp: 102141

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

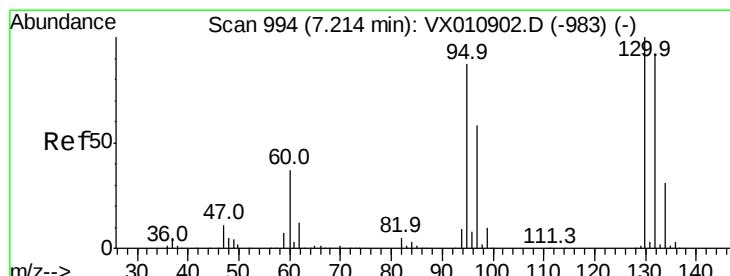
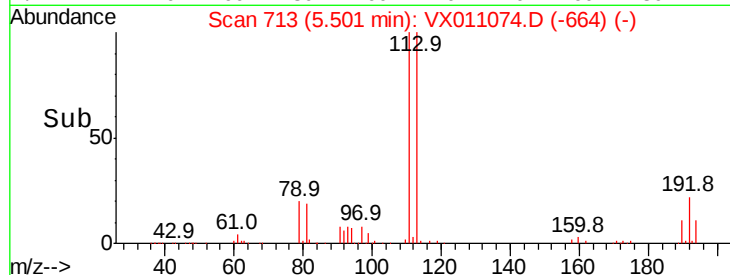
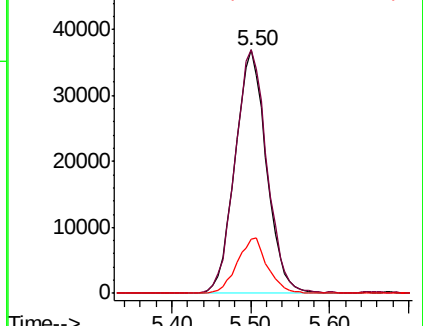
192 21.8 17.4 26.2



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: 46.360 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX011074.D

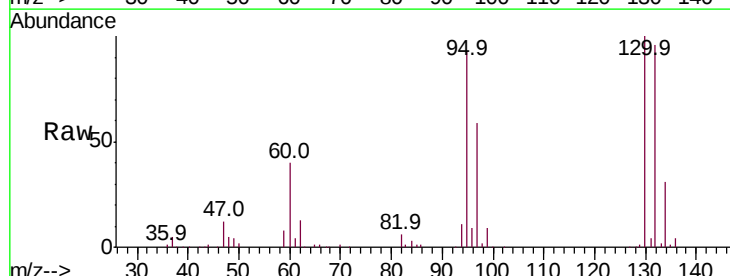
Acq: 25 Jul 2019 13:42

Tgt Ion:130 Resp: 112106

Ion Ratio Lower Upper

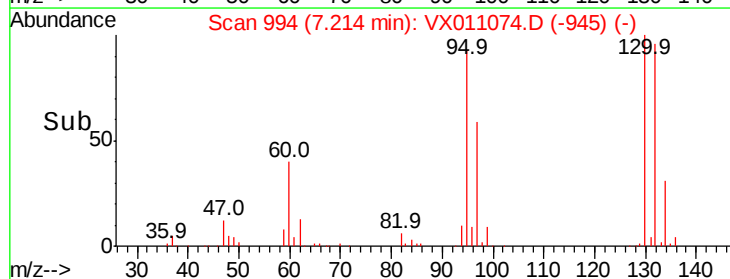
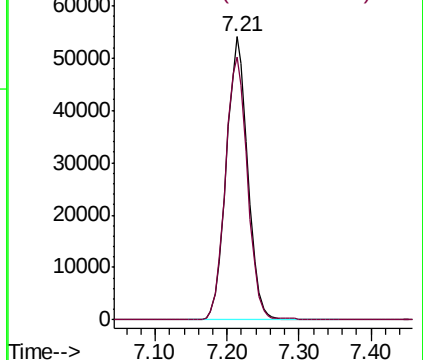
130 100

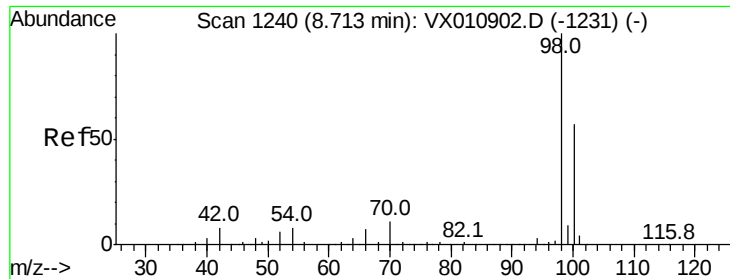
95 92.7 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.367 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011074.D

Acq: 25 Jul 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

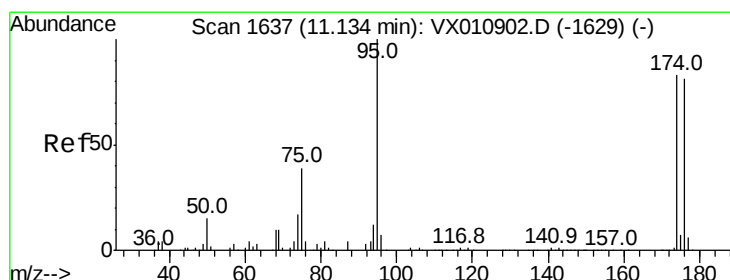
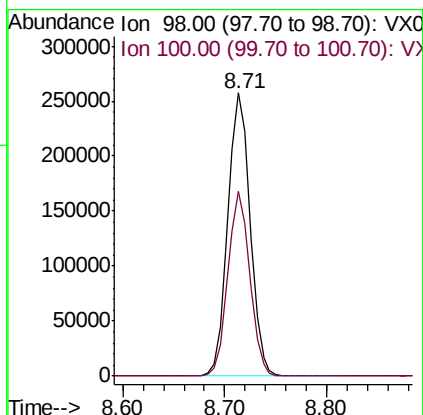
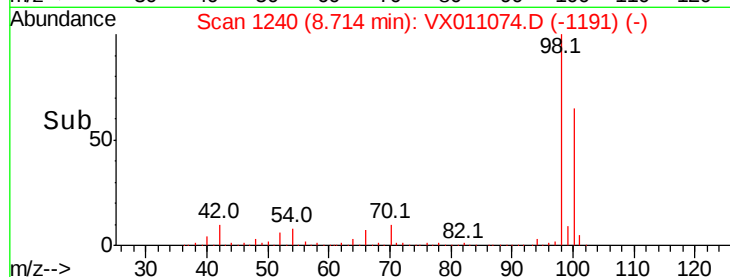
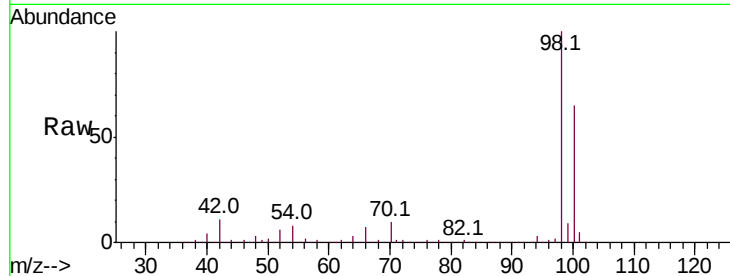
BP-VPB203-GW-218-220

Tot Ion: 98 Resp: 389298

Ion Ratio Lower Upper

98 100

100 63.9 50.6 75.8



#62

4-Bromofluorobenzene

Concen: 48.443 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011074.D

Acq: 25 Jul 2019 13:42

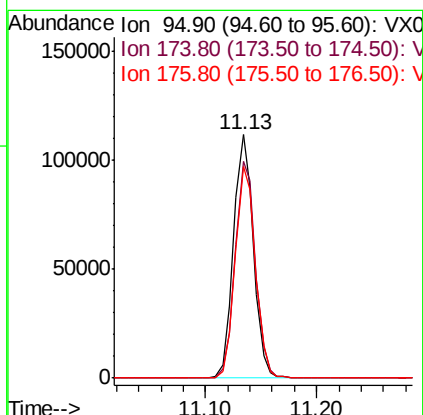
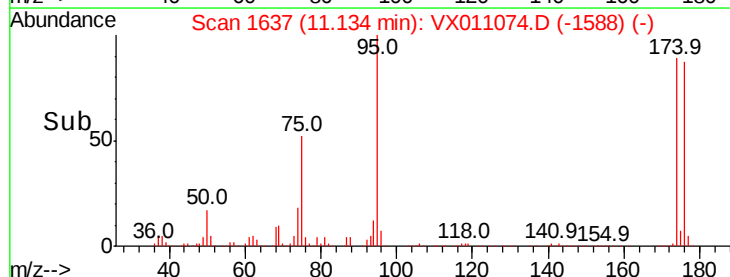
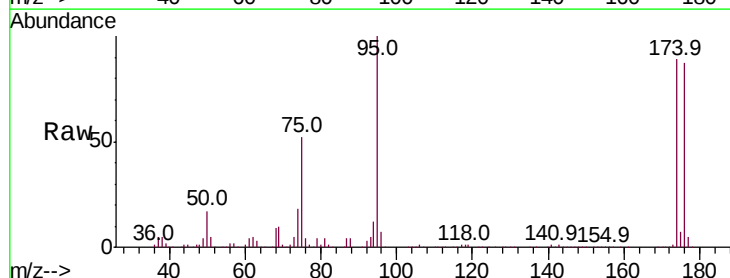
Tgt Ion: 95 Resp: 137629

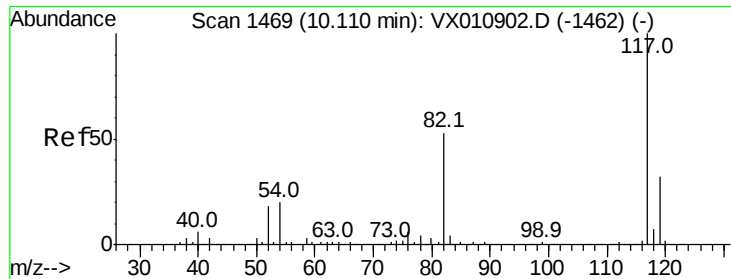
Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.6

176 88.4 0.0 173.8

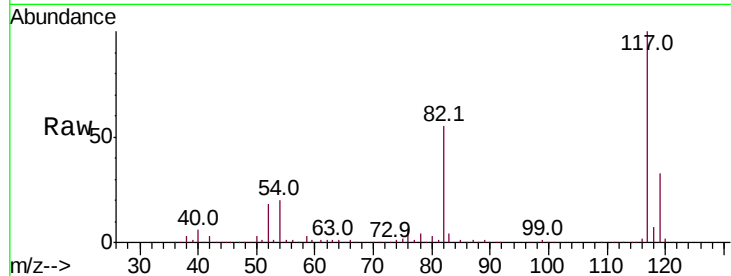




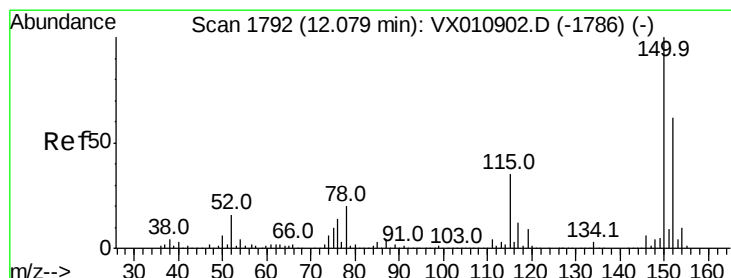
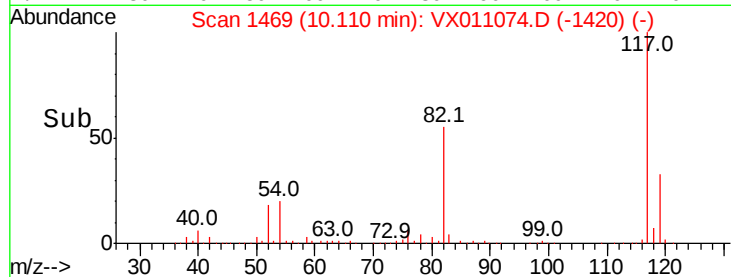
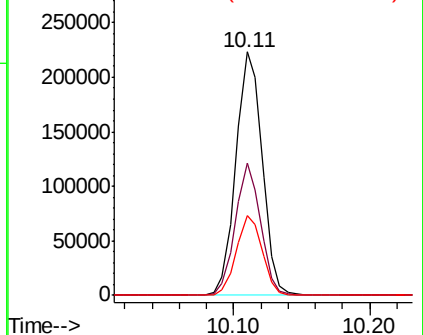
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011074.D
Acq: 25 Jul 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-GW-218-220

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.6	63.8
119	32.6	25.9	38.9

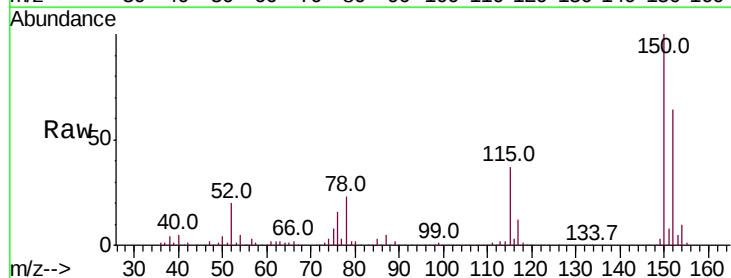


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011074.D
Acq: 25 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.7	119.1
150	156.9	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

