

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\
 Data File : VX011541.D
 Acq On : 13 Aug 2019 17:14
 Operator : JC/SP
 Sample : K4336-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-190812

Quant Time: Aug 14 02:23:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

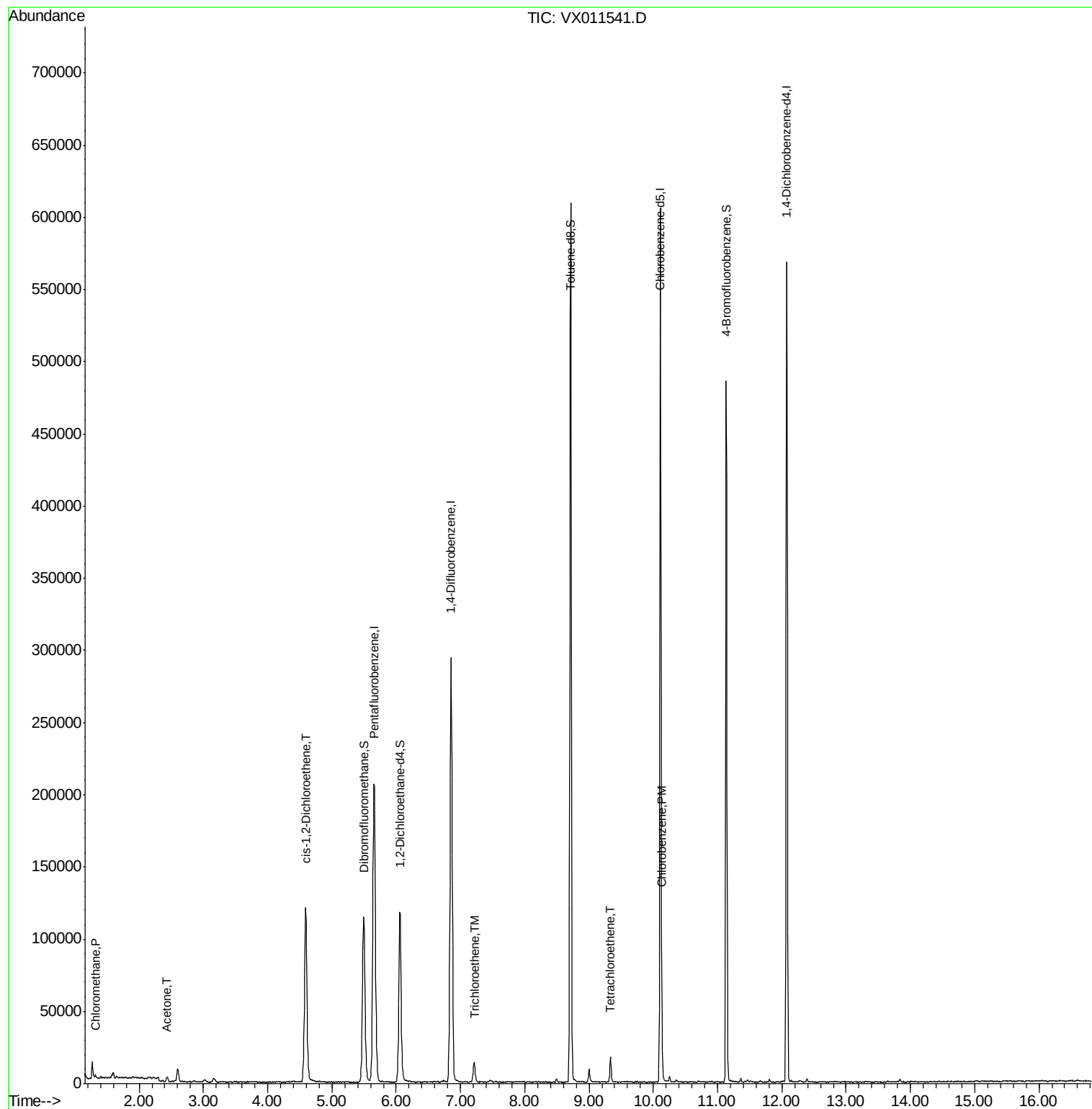
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	203937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114427	55.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.44%	
35) Dibromofluoromethane	5.49	113	93613	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	8.71	98	356032	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
62) 4-Bromofluorobenzene	11.13	95	121595	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	
Target Compounds						
3) Chloromethane	1.32	50	1245	0.704	ug/l	99
16) Acetone	2.43	43	3785	3.872	ug/l #	86
27) cis-1,2-Dichloroethene	4.59	96	80763	35.723	ug/l	93
44) Trichloroethene	7.21	130	5418	2.253	ug/l	90
64) Tetrachloroethene	9.33	164	2996	1.291	ug/l	90
65) Chlorobenzene	10.13	112	6998	1.194	ug/l	98

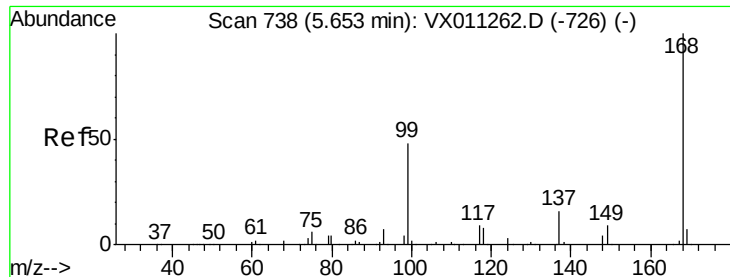
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081319\
Data File : VX011541.D
Acq On : 13 Aug 2019 17:14
Operator : JC/SP
Sample : K4336-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190812

Quant Time: Aug 14 02:23:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011541.D

Acq: 13 Aug 2019 17:14

Instrument :

MSVOA_X

ClientSampleId :

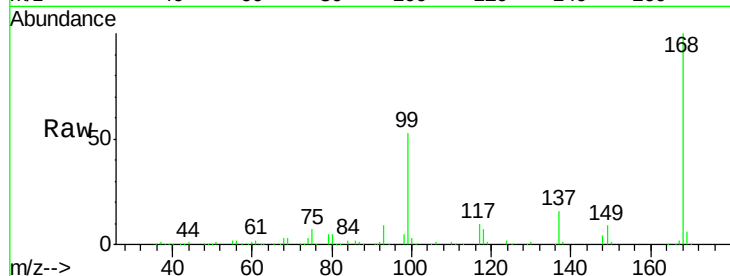
KY038PS027-190812

Tot Ion:168 Resp: 203937

Ion Ratio Lower Upper

168 100

99 52.9 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

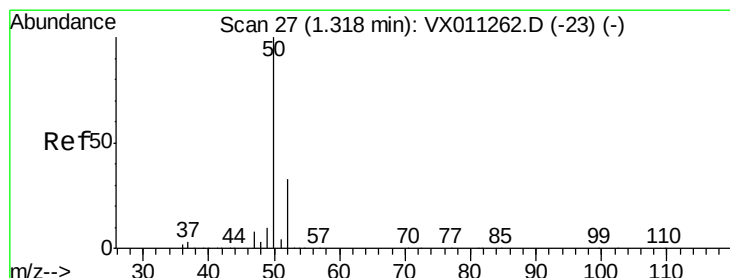
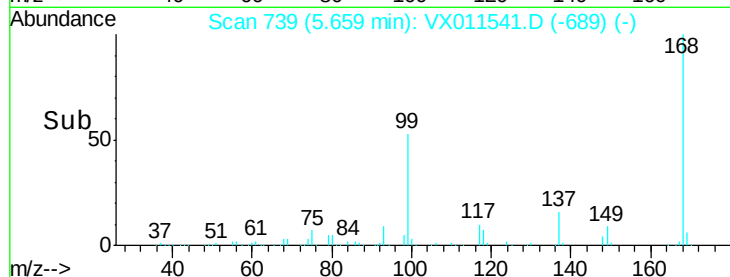
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.704 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011541.D

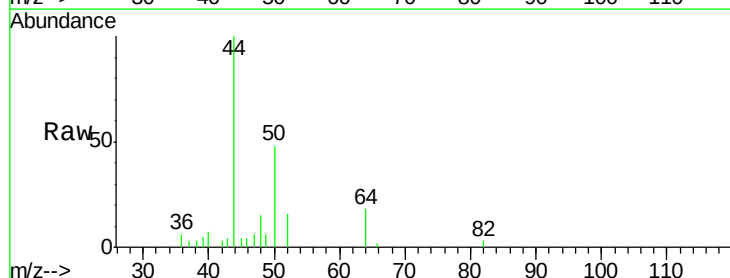
Acq: 13 Aug 2019 17:14

Tgt Ion: 50 Resp: 1245

Ion Ratio Lower Upper

50 100

52 32.6 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

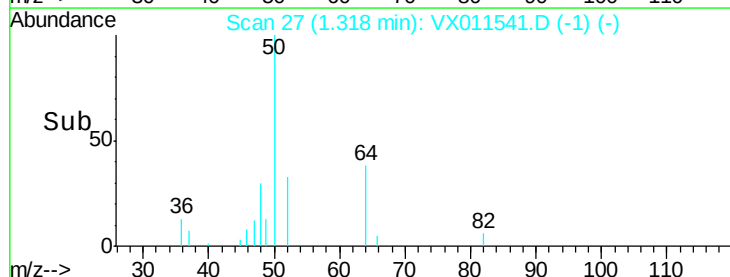
1.32

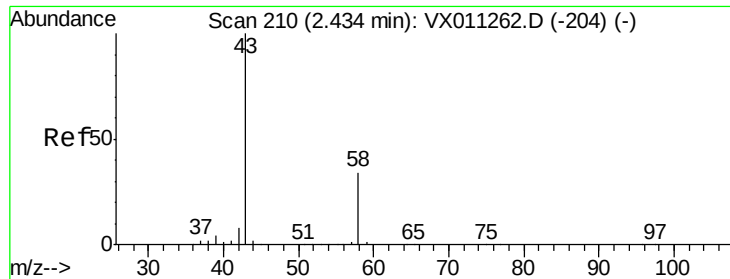
1000

500

0

Time--> 1.30 1.35 1.40





#16

Acetone

Concen: 3.872 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011541.D

Acq: 13 Aug 2019 17:14

Instrument :

MSVOA_X

ClientSampleId :

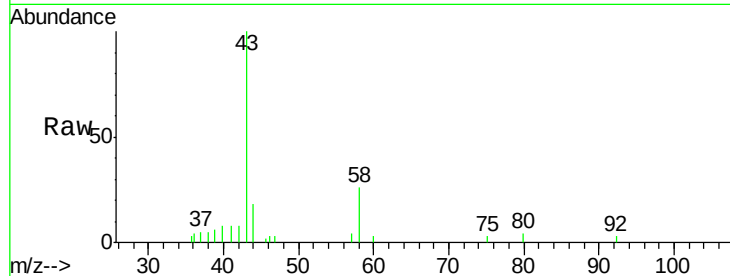
KY038PS027-190812

Tot Ion: 43 Resp: 3785

Ion Ratio Lower Upper

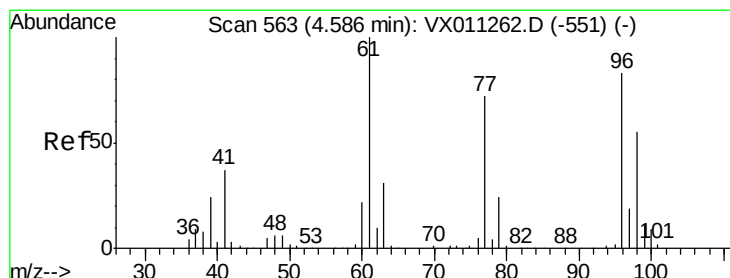
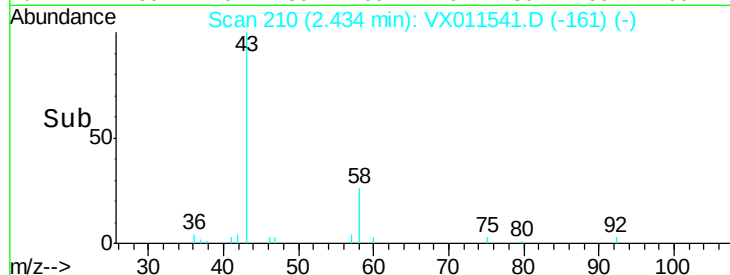
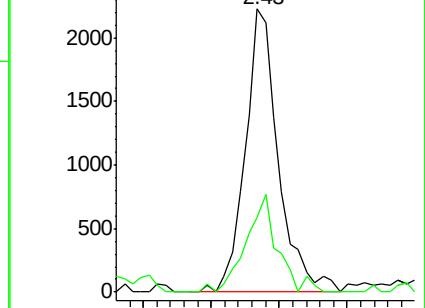
43 100

58 26.4 27.4 41.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 35.723 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX011541.D

Acq: 13 Aug 2019 17:14

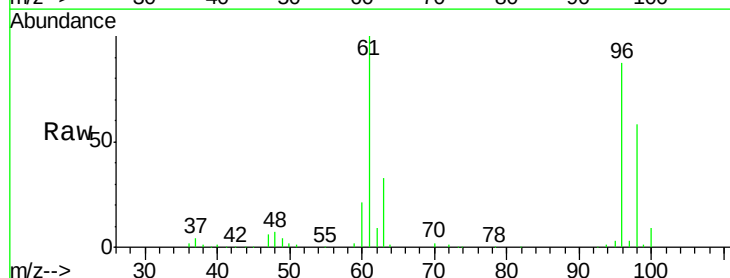
Tgt Ion: 96 Resp: 80763

Ion Ratio Lower Upper

96 100

61 118.7 0.0 260.2

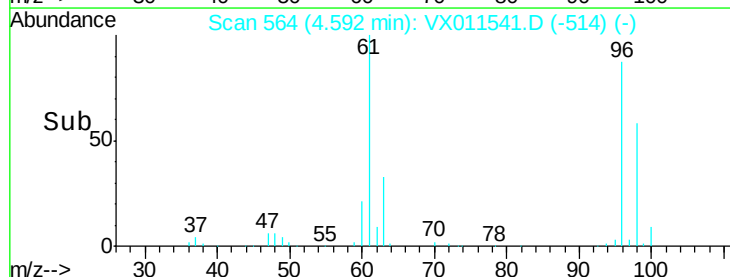
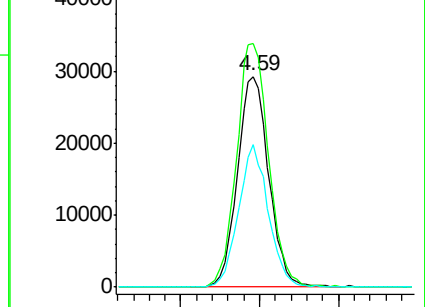
98 64.4 0.0 133.2

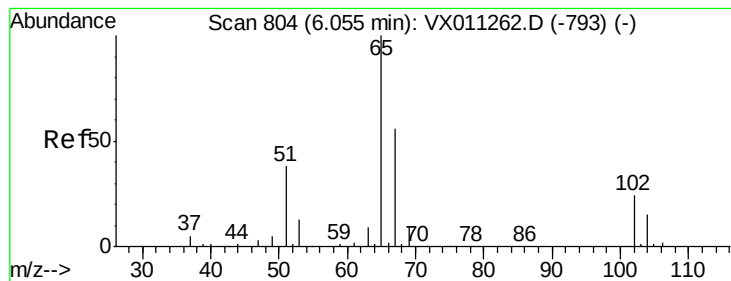


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 55.716 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX011541.D

Acq: 13 Aug 2019 17:14

Instrument :

MSVOA_X

ClientSampleId :

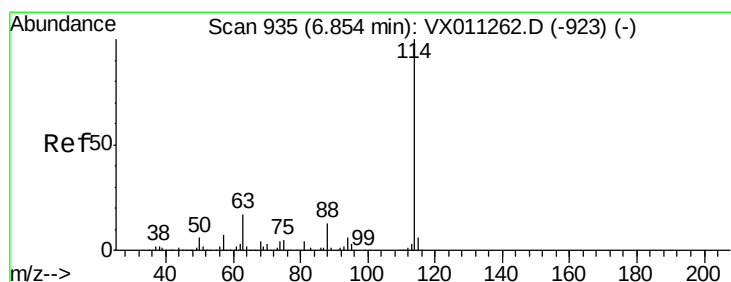
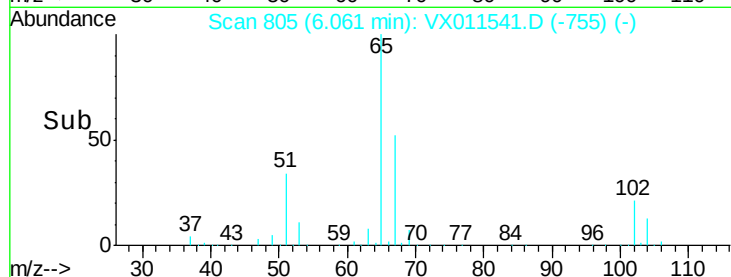
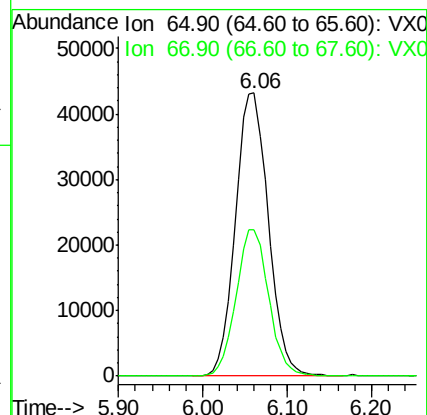
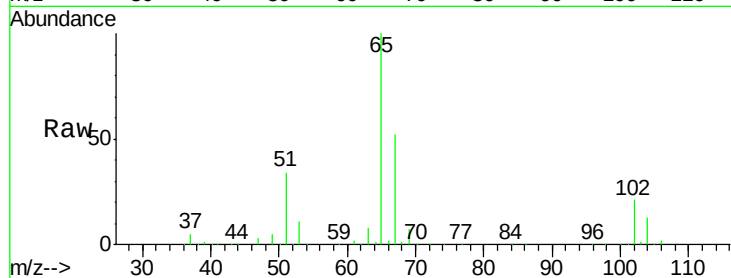
KY038PS027-190812

Tot Ion: 65 Resp: 114427

Ion Ratio Lower Upper

65 100

67 51.3 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011541.D

Acq: 13 Aug 2019 17:14

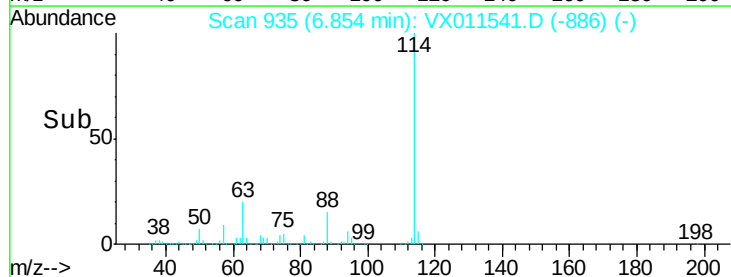
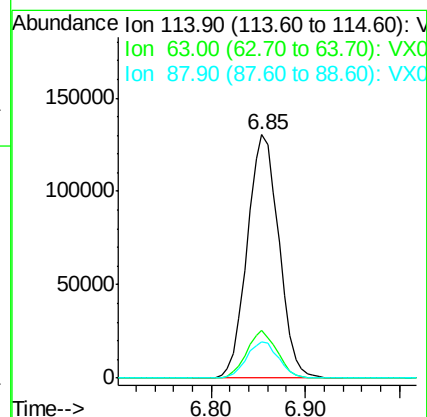
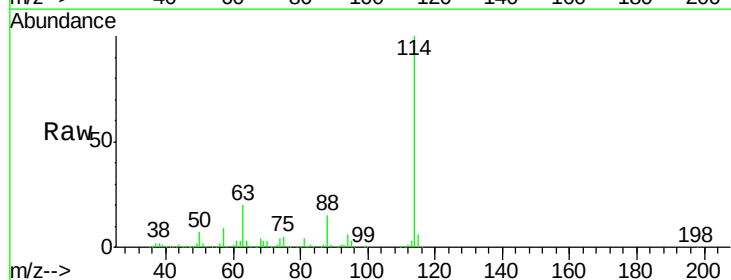
Tgt Ion: 114 Resp: 304929

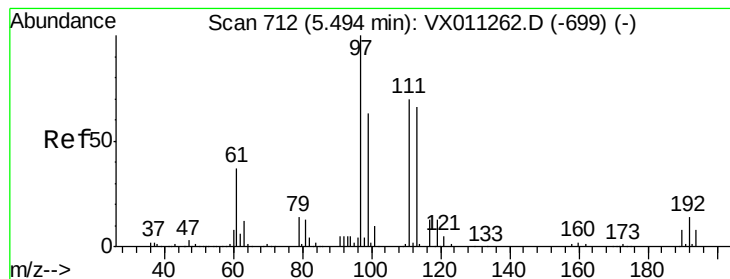
Ion Ratio Lower Upper

114 100

63 19.6 0.0 34.0

88 14.9 0.0 26.4





#35

Dibromofluoromethane

Concen: 47.022 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011541.D

Acq: 13 Aug 2019 17:14

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-190812

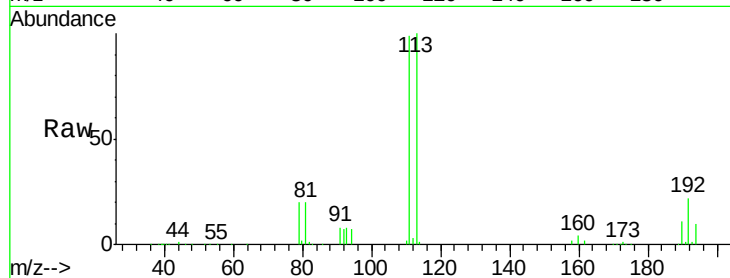
Tot Ion:113 Resp: 93613

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

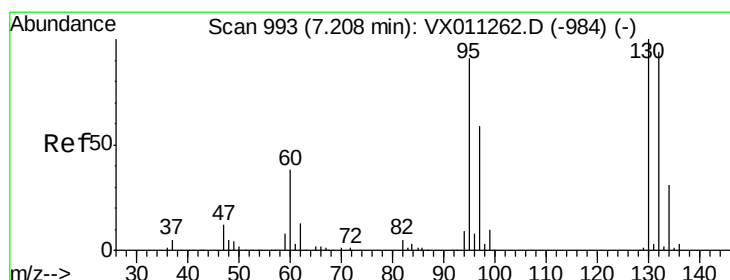
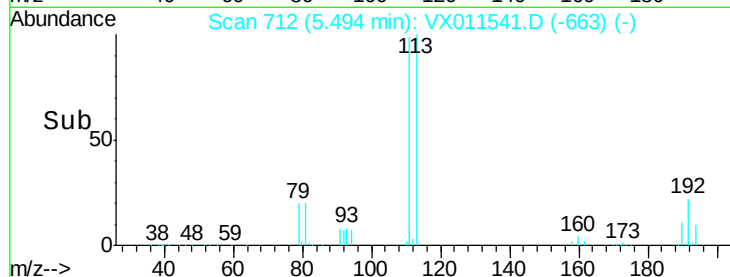
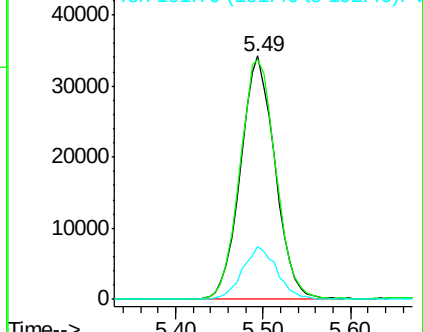
192 21.6 17.8 26.8



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: 2.253 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX011541.D

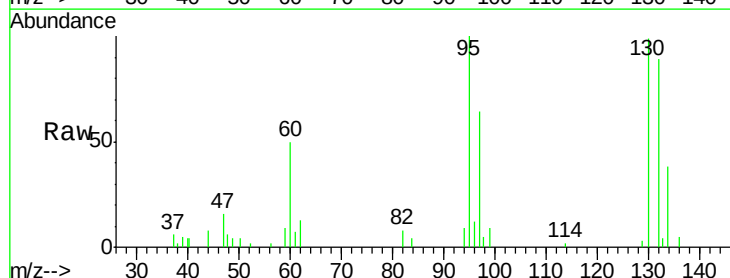
Acq: 13 Aug 2019 17:14

Tgt Ion:130 Resp: 5418

Ion Ratio Lower Upper

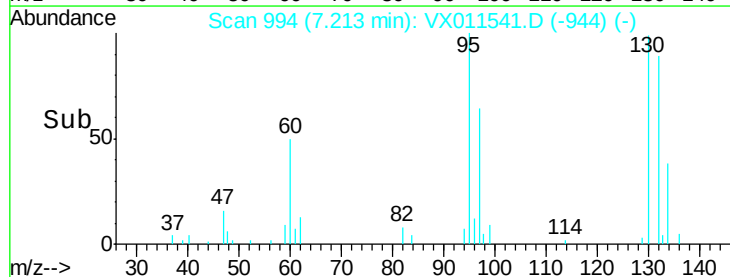
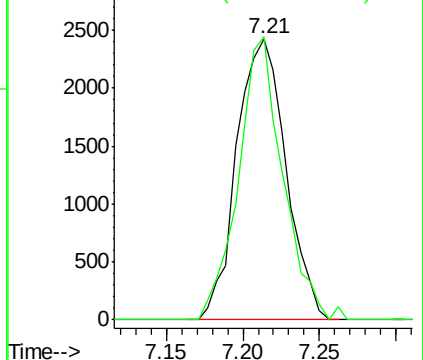
130 100

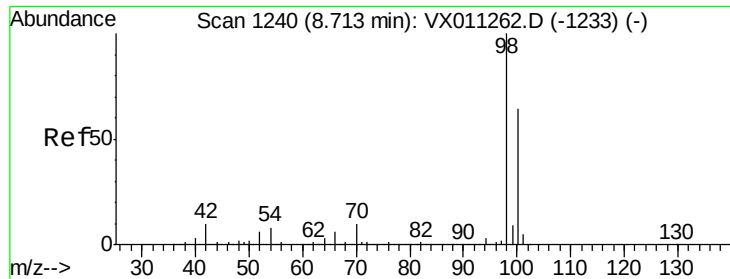
95 100.7 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 47.378 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011541.D

Acq: 13 Aug 2019 17:14

Instrument :

MSVOA_X

ClientSampleId :

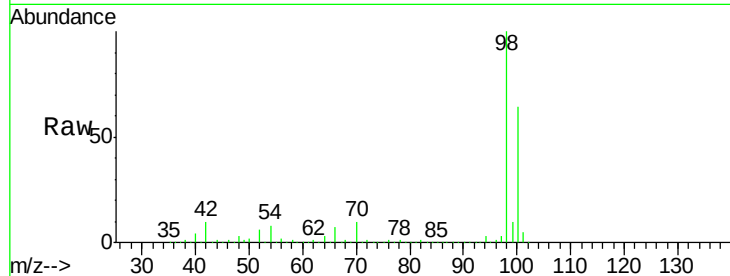
KY038PS027-190812

Tot Ion: 98 Resp: 356032

Ion Ratio Lower Upper

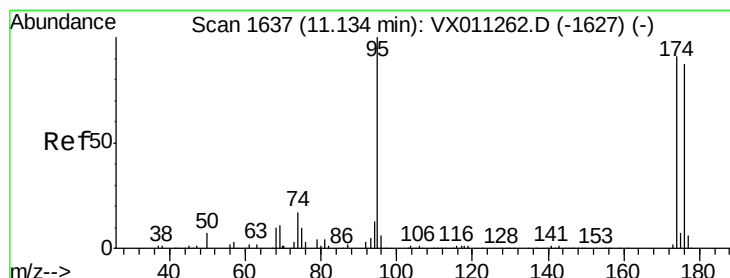
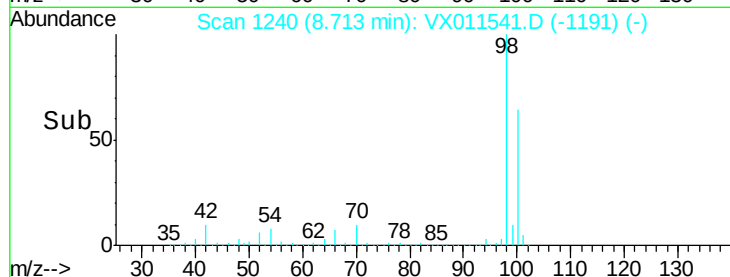
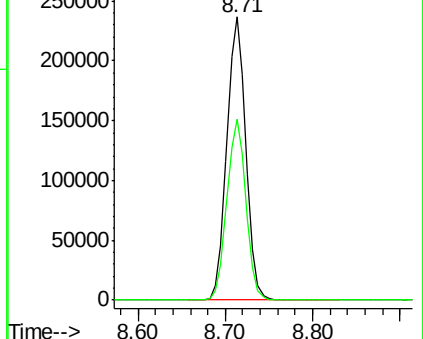
98 100

100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.321 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011541.D

Acq: 13 Aug 2019 17:14

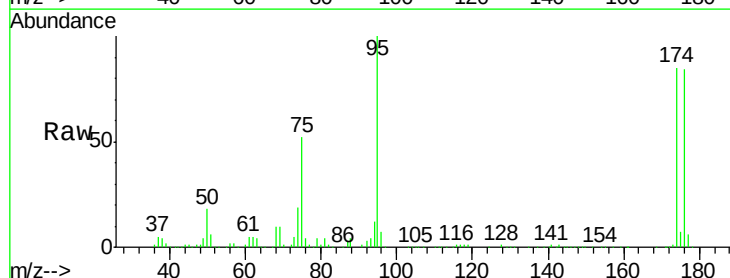
Tgt Ion: 95 Resp: 121595

Ion Ratio Lower Upper

95 100

174 88.6 0.0 191.2

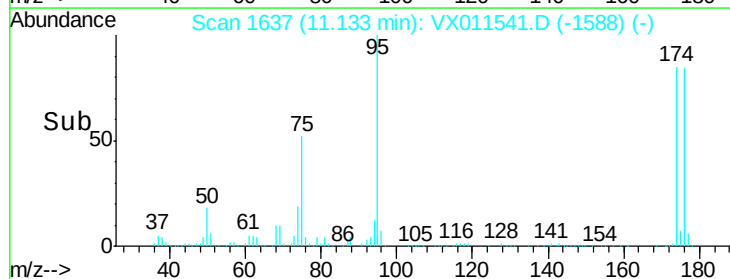
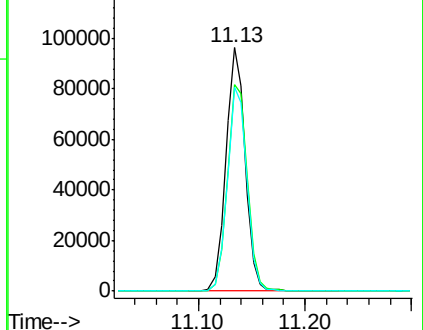
176 85.5 0.0 184.8

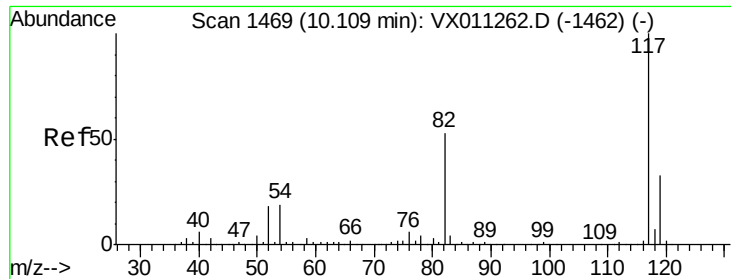


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

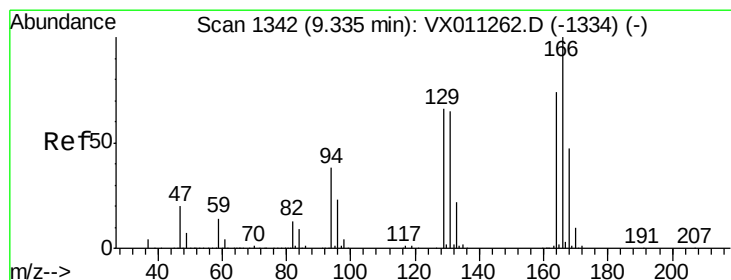
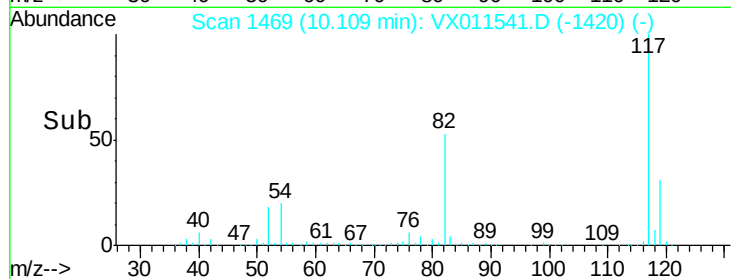
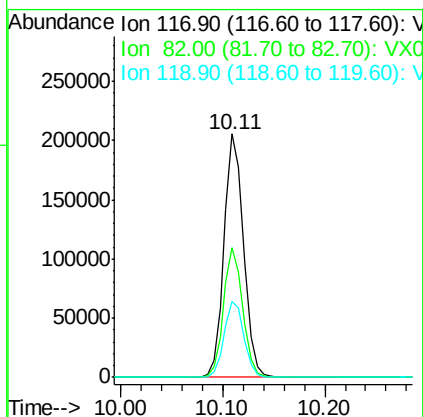
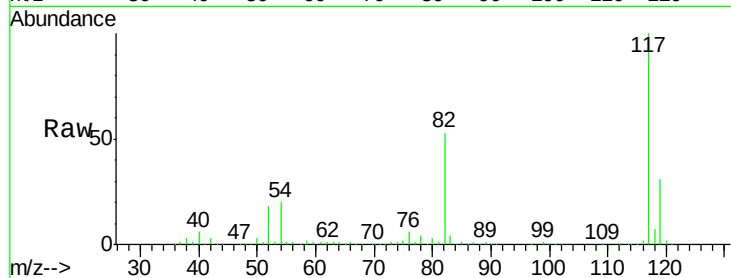




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011541.D
Acq: 13 Aug 2019 17:14

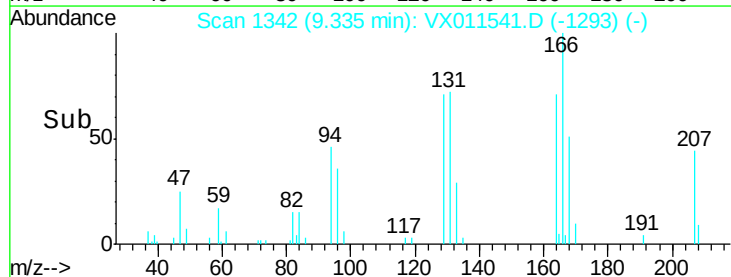
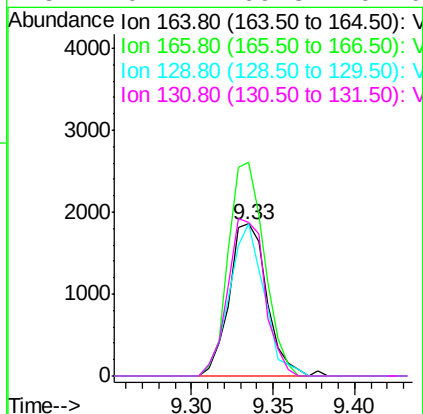
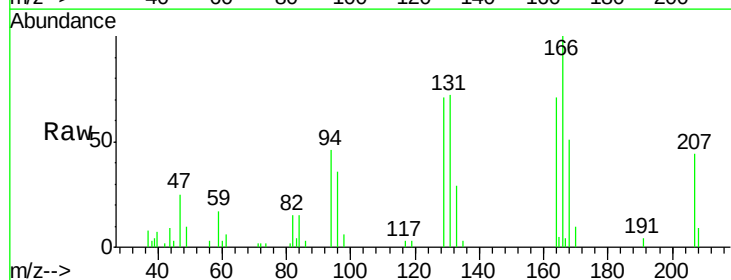
Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190812

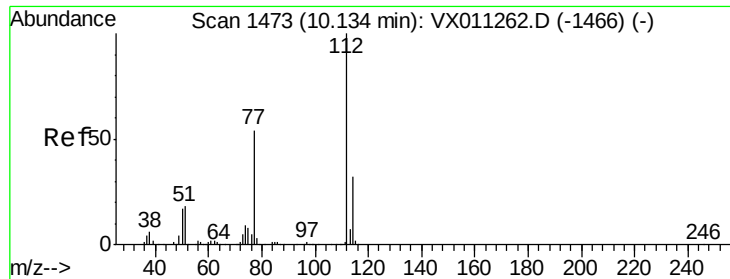
Tot Ion:117 Resp: 273257
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.2
119 31.4 26.6 39.8



#64
Tetrachloroethene
Concen: 1.291 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011541.D
Acq: 13 Aug 2019 17:14

Tgt Ion:164 Resp: 2996
Ion Ratio Lower Upper
164 100
166 140.5 107.5 161.3
129 99.8 71.0 106.4
131 101.2 69.8 104.6





#65

Chlorobenzene

Concen: 1.194 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011541.D

Acq: 13 Aug 2019 17:14

Instrument :

MSVOA_X

ClientSampleId :

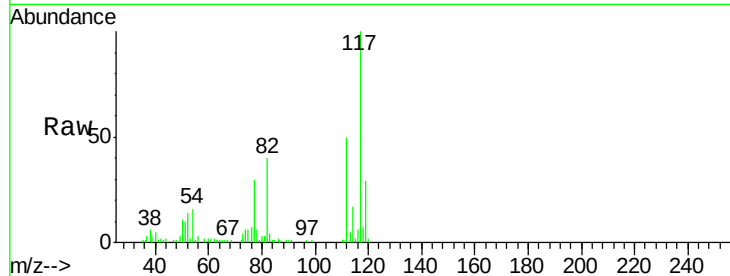
KY038PS027-190812

Tot Ion:112 Resp: 6998

Ion Ratio Lower Upper

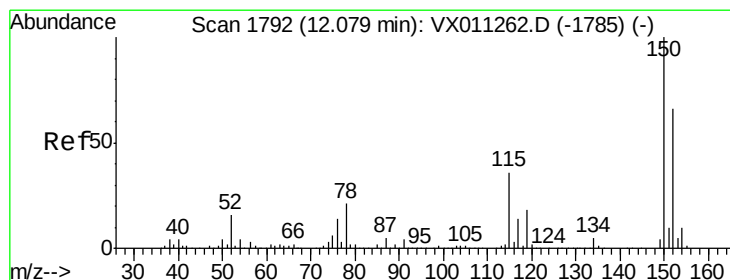
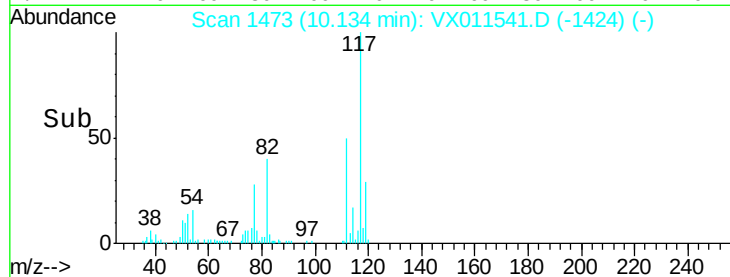
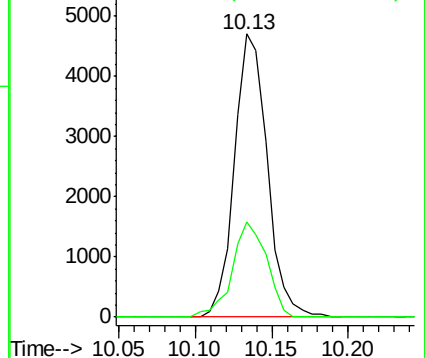
112 100

114 33.5 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VX011541.D

Acq: 13 Aug 2019 17:14

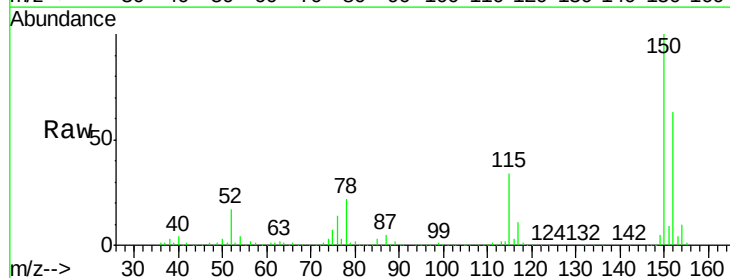
Tgt Ion:152 Resp: 122214

Ion Ratio Lower Upper

152 100

115 56.5 40.0 119.9

150 156.3 0.0 350.4



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

