

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017205.D
 Acq On : 07 Jul 2020 15:52
 Operator : JC/SP
 Sample : L3159-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40BR-20200629

Quant Time: Jul 08 02:29:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

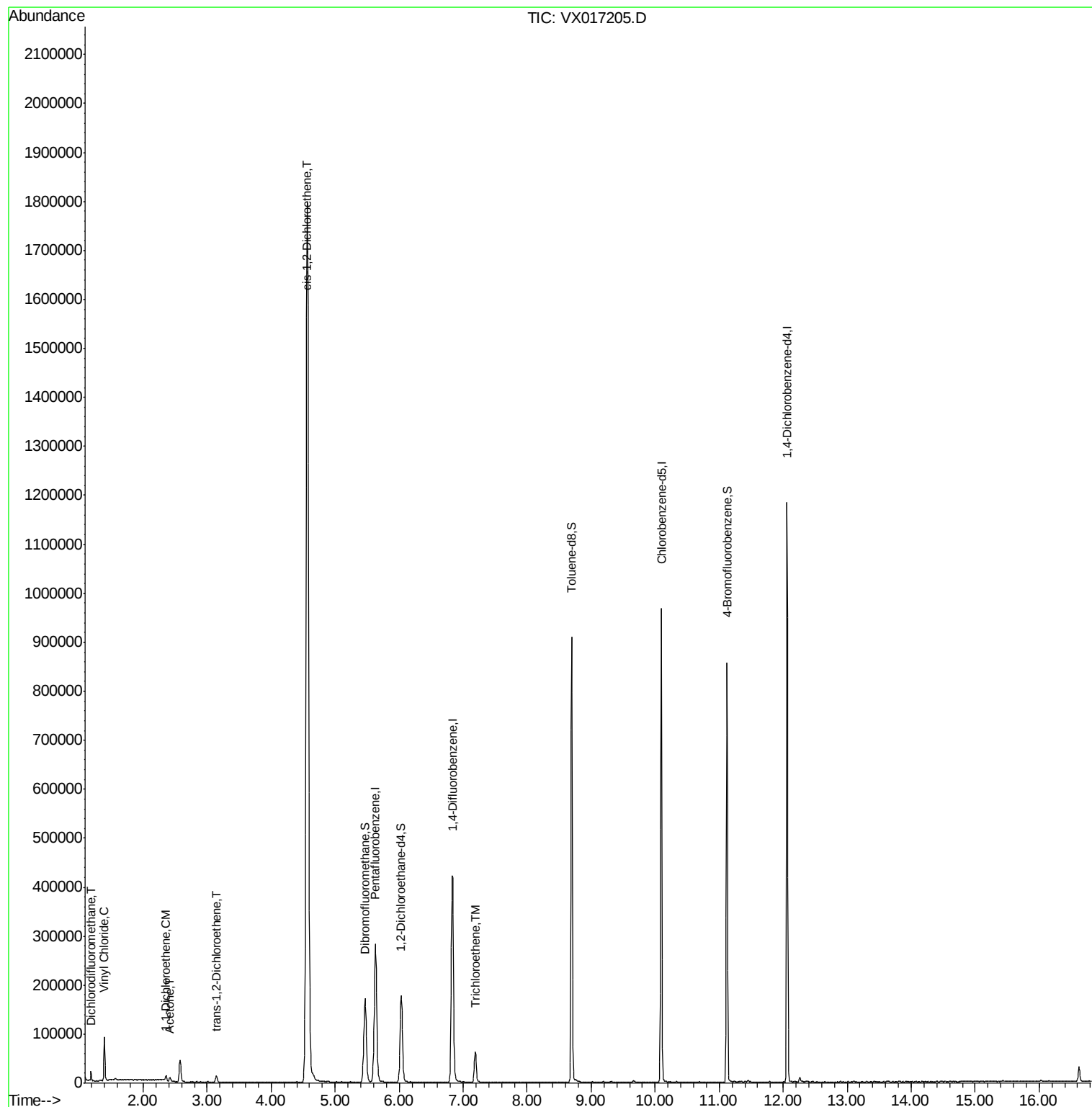
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	267148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	431908	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	444762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	237956	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	168921	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
35) Dibromofluoromethane	5.47	113	146947	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
50) Toluene-d8	8.70	98	526225	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	11.12	95	213176	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
Target Compounds						
2) Dichlorodifluoromethane	1.18	85	9608	3.718	ug/l	98
4) Vinyl Chloride	1.39	62	54362	18.729	ug/l	93
12) 1,1-Dichloroethene	2.36	96	3338	1.263	ug/l	92
16) Acetone	2.42	43	8307	6.743	ug/l	92
21) trans-1,2-Dichloroethene	3.15	96	5413	1.845	ug/l #	88
27) cis-1,2-Dichloroethene	4.57	96	1174206	353.314	ug/l	89
44) Trichloroethene	7.19	130	24701	7.198	ug/l	96

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017205.D

Acq: 07 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

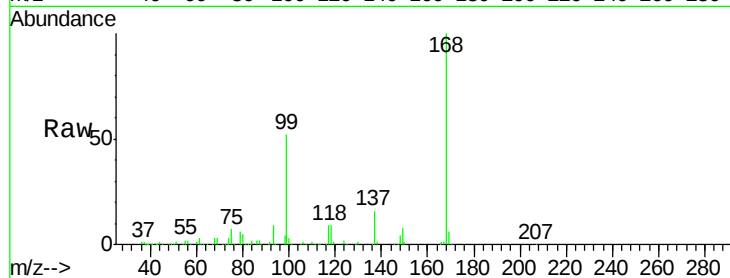
40BR-20200629

Tot Ion:168 Resp: 267148

Ion Ratio Lower Upper

168 100

99 52.1 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

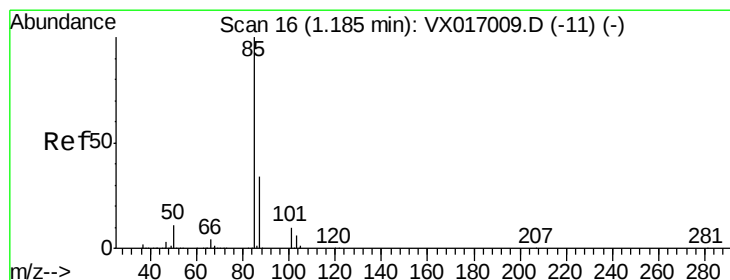
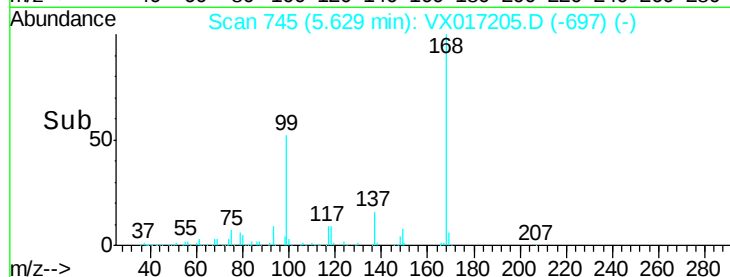
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.718 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017205.D

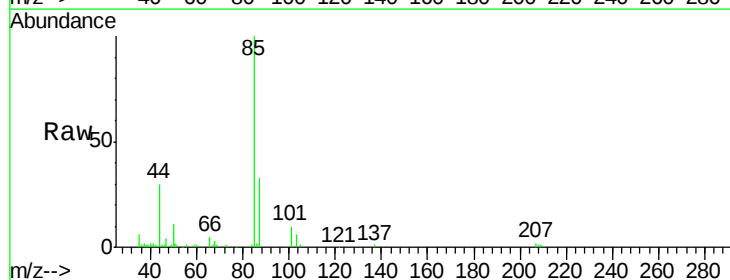
Acq: 07 Jul 2020 15:52

Tgt Ion: 85 Resp: 9608

Ion Ratio Lower Upper

85 100

87 32.5 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

12000

10000

8000

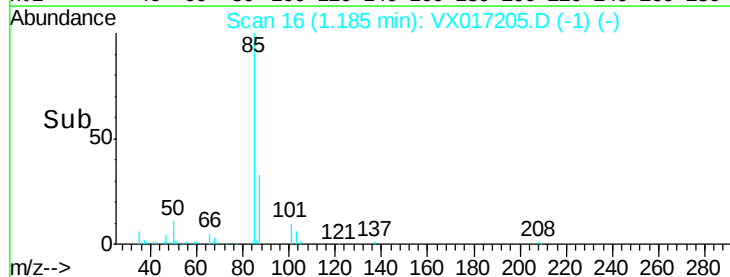
6000

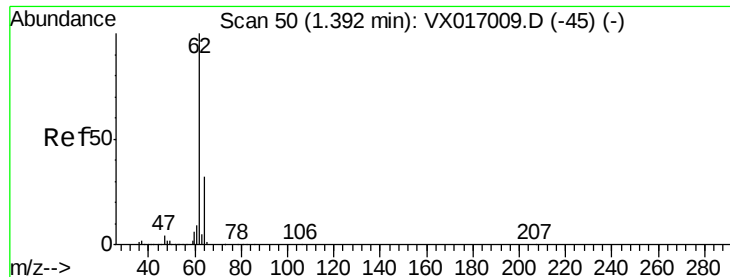
4000

2000

0

Time-->





#4

Vinyl Chloride

Concen: 18.729 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017205.D

Acq: 07 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

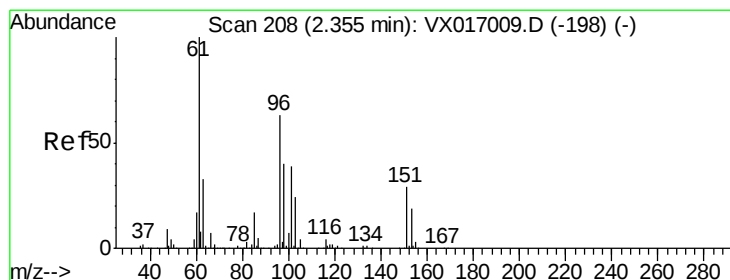
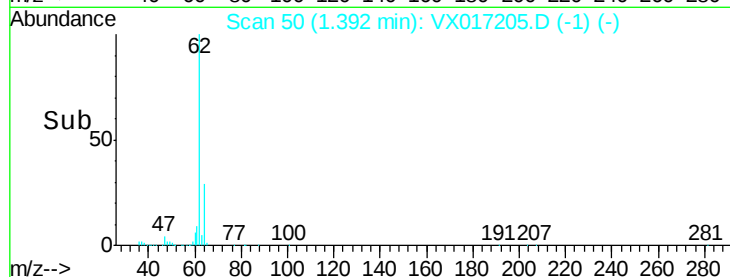
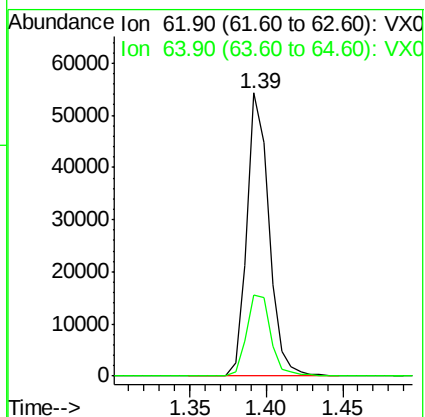
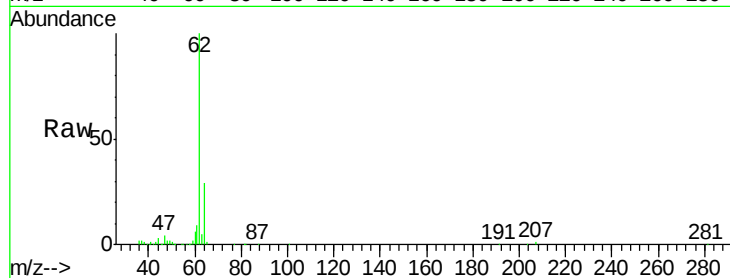
40BR-20200629

Tot Ion: 62 Resp: 54362

Ion Ratio Lower Upper

62 100

64 28.5 25.9 38.9



#12

1,1-Dichloroethene

Concen: 1.263 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017205.D

Acq: 07 Jul 2020 15:52

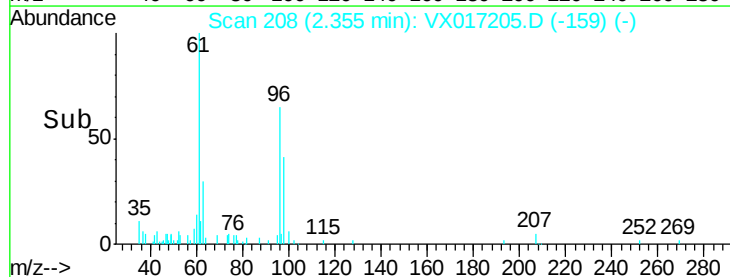
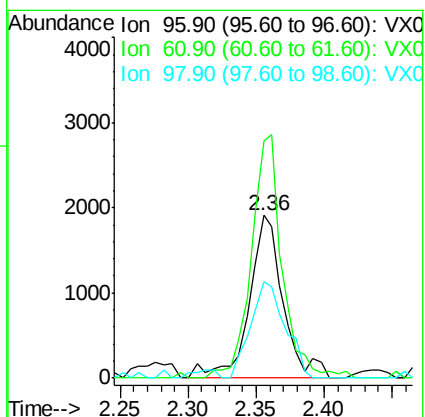
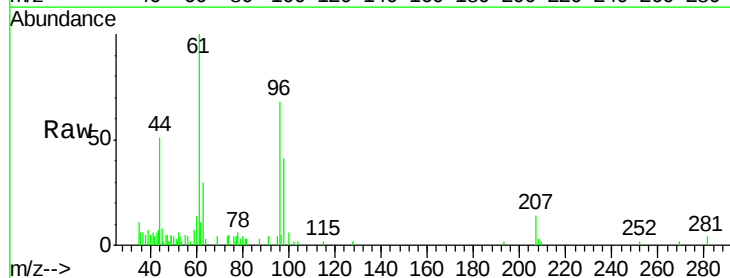
Tgt Ion: 96 Resp: 3338

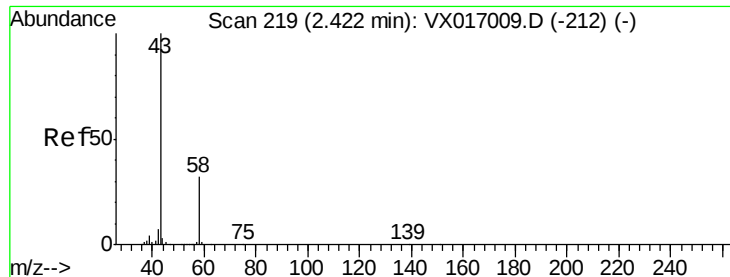
Ion Ratio Lower Upper

96 100

61 146.1 126.3 189.5

98 59.4 51.0 76.6





#16

Acetone

Concen: 6.743 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017205.D

Acq: 07 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

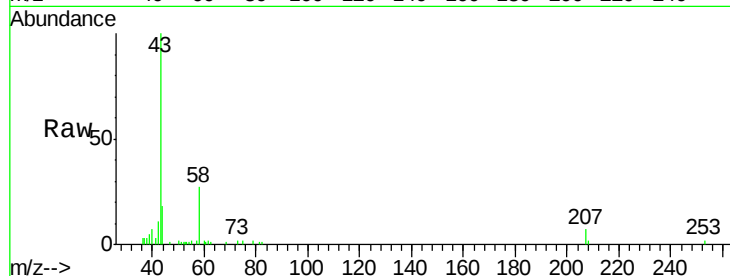
40BR-20200629

Tot Ion: 43 Resp: 8307

Ion Ratio Lower Upper

43 100

58 27.9 25.7 38.5

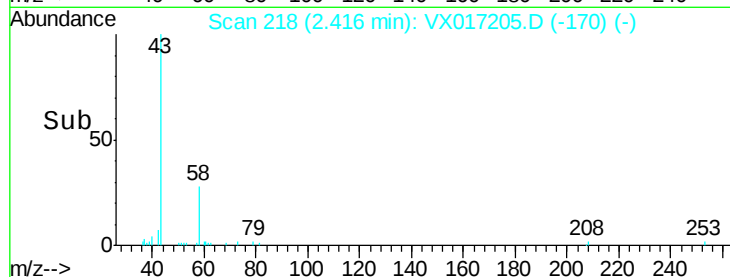


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

Time-->



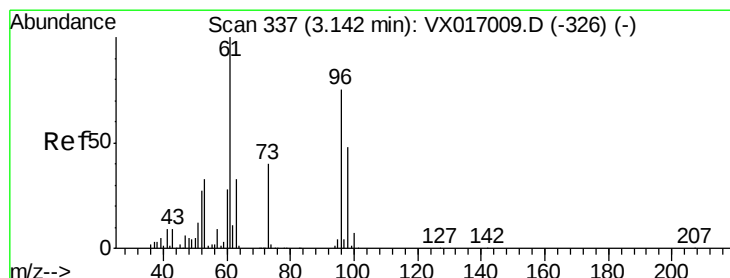
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

Time-->



#21

trans-1,2-Dichloroethene

Concen: 1.845 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017205.D

Acq: 07 Jul 2020 15:52

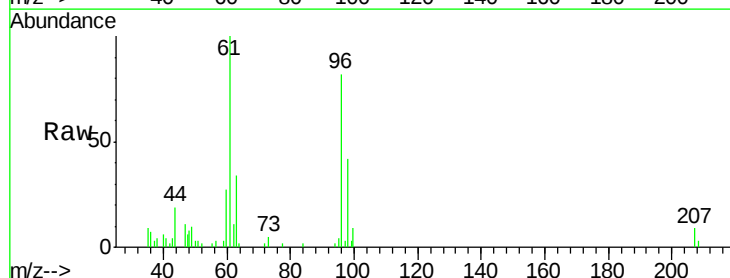
Tgt Ion: 96 Resp: 5413

Ion Ratio Lower Upper

96 100

61 121.7 107.0 160.6

98 51.0 51.6 77.4#



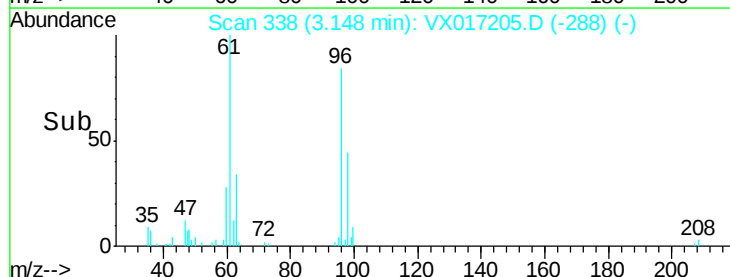
Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

3.15

Time-->



Abundance

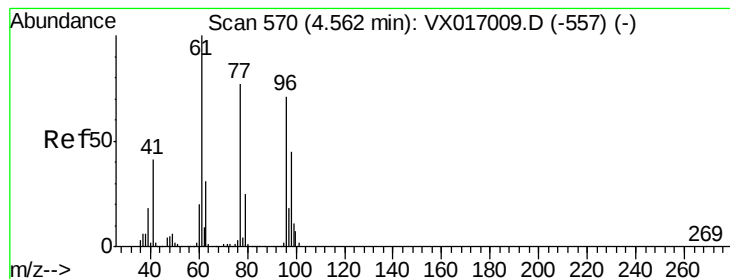
Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

3.15

Time-->

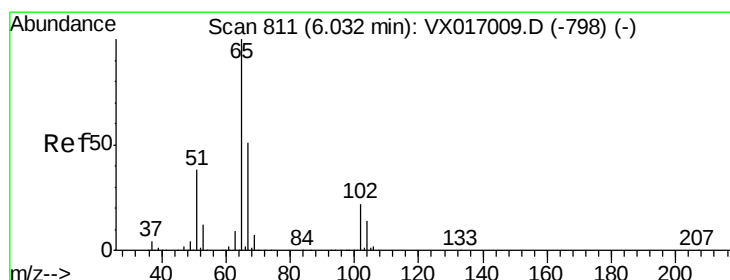
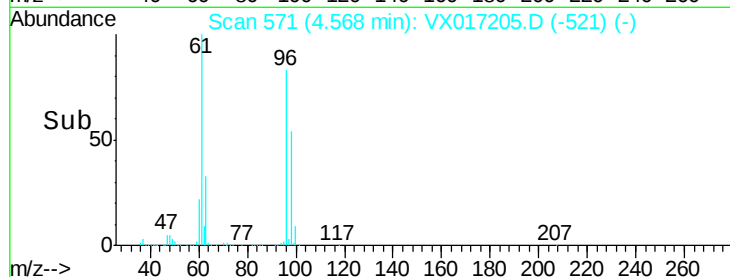
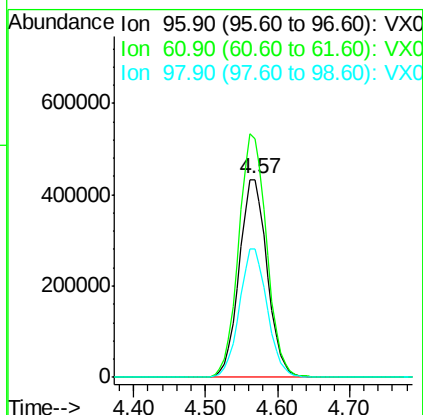
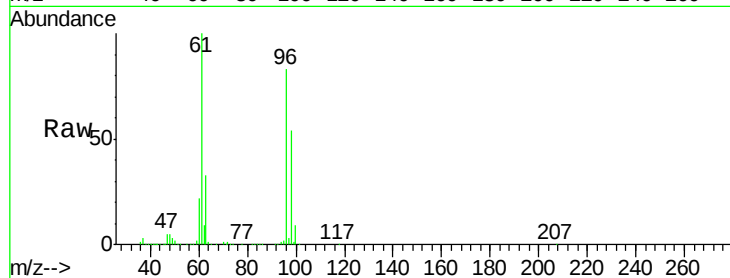


#27

cis-1,2-Dichloroethene
 Concen: 353.314 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX017205.D
 Acq: 07 Jul 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 40BR-20200629

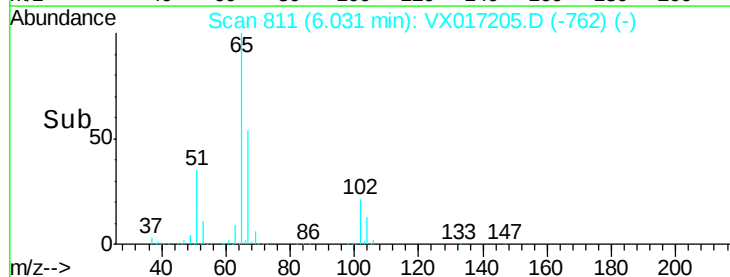
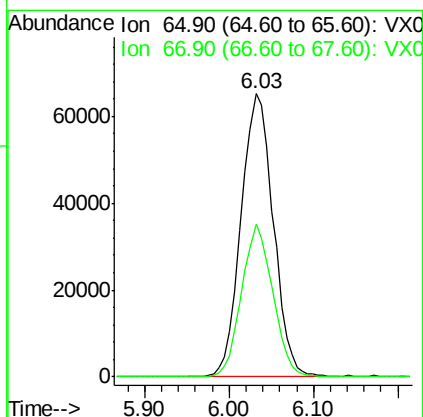
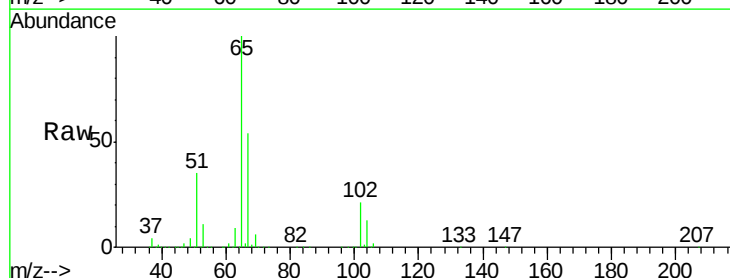
Tot Ion: 96 Resp: 1174206
 Ion Ratio Lower Upper
 96 100
 61 123.0 0.0 282.8
 98 64.4 0.0 127.6

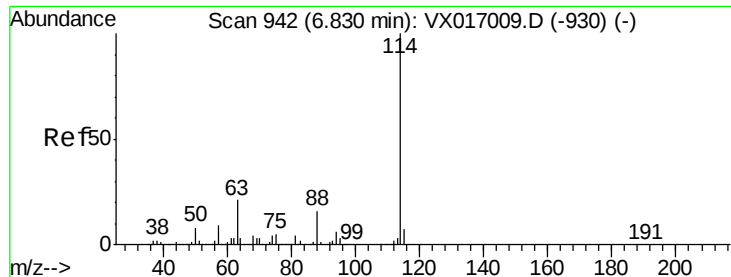


#33

1,2-Dichloroethane-d4
 Concen: 51.291 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017205.D
 Acq: 07 Jul 2020 15:52

Tgt Ion: 65 Resp: 168921
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017205.D

Acq: 07 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

40BR-20200629

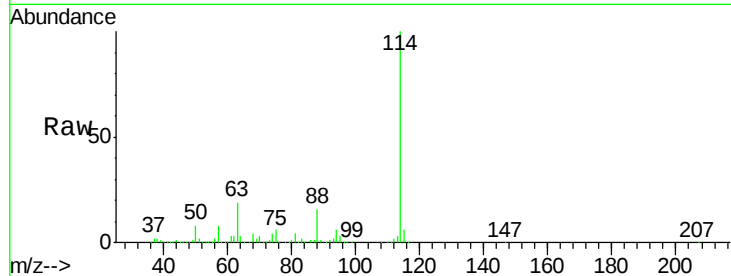
Tot Ion:114 Resp: 431908

Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.4

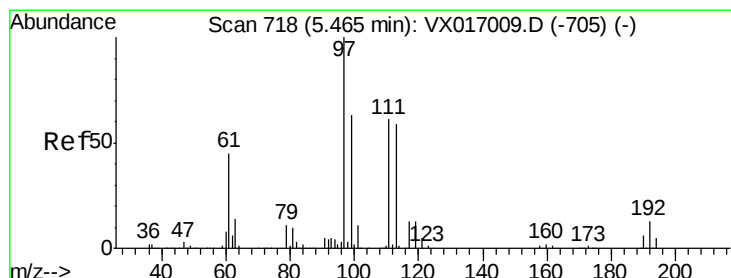
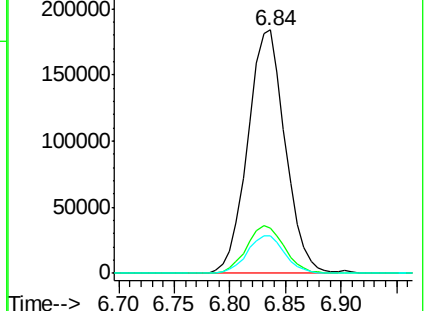
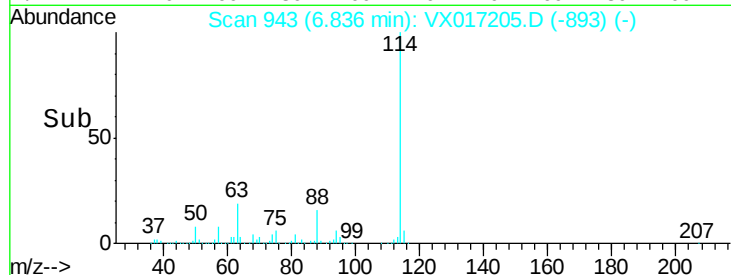
88 15.7 0.0 32.4



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: 53.785 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017205.D

Acq: 07 Jul 2020 15:52

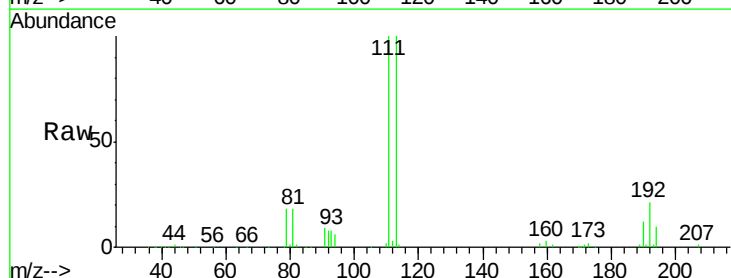
Tgt Ion:113 Resp: 146947

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

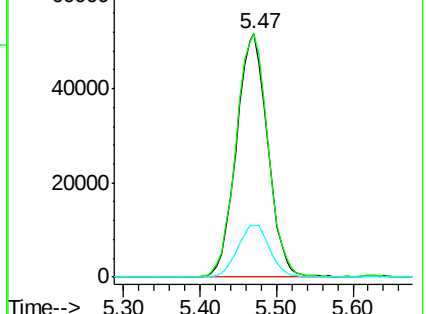
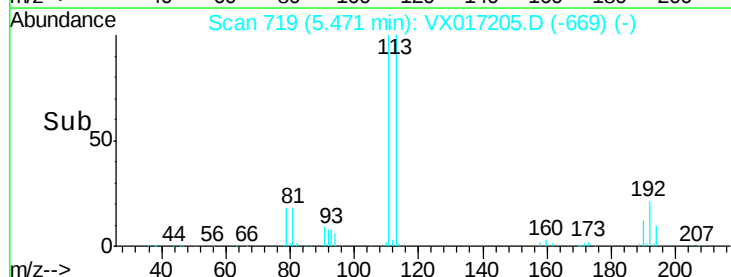
192 21.9 16.7 25.1

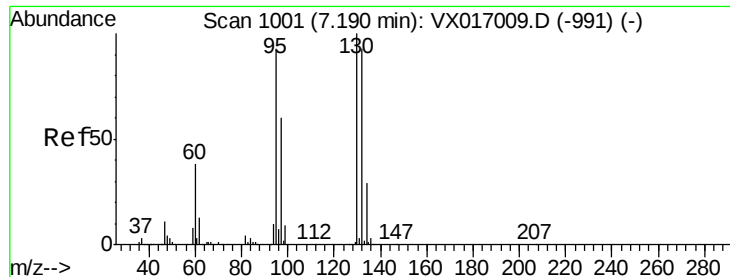


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 7.198 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017205.D

Acq: 07 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

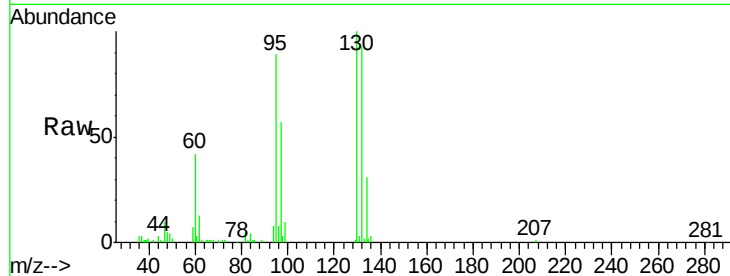
40BR-20200629

Tot Ion:130 Resp: 24701

Ion Ratio Lower Upper

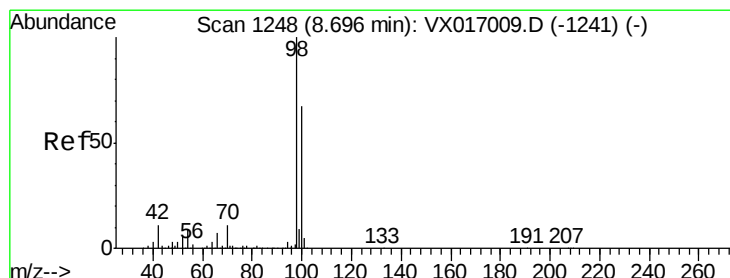
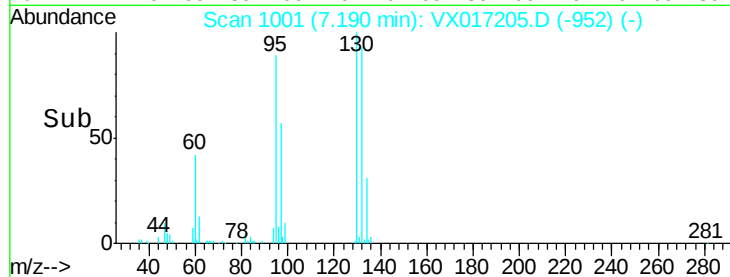
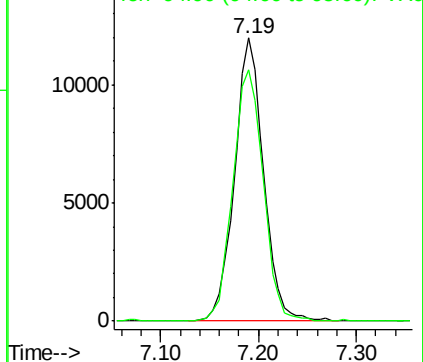
130 100

95 89.0 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.087 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017205.D

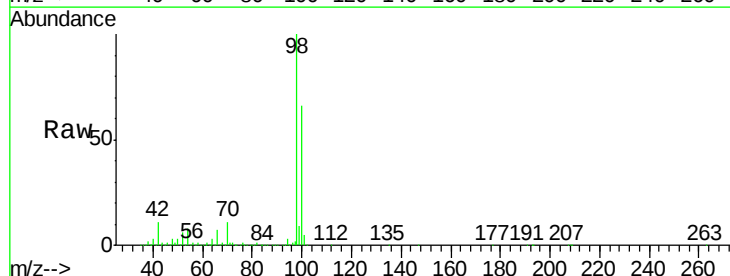
Acq: 07 Jul 2020 15:52

Tgt Ion: 98 Resp: 526225

Ion Ratio Lower Upper

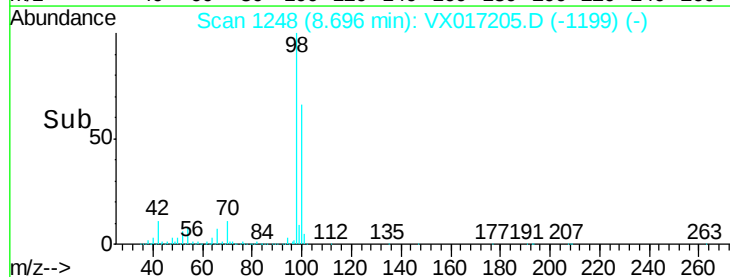
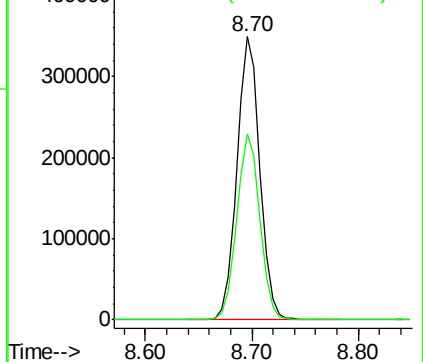
98 100

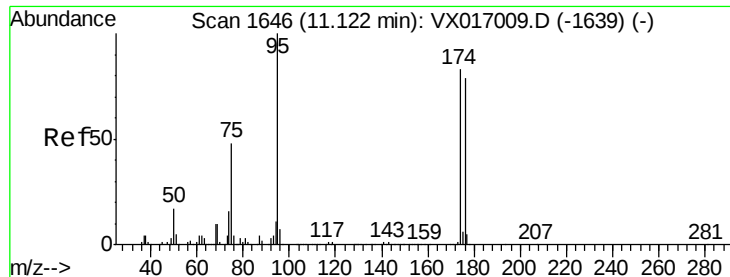
100 66.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.978 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017205.D

Acq: 07 Jul 2020 15:52

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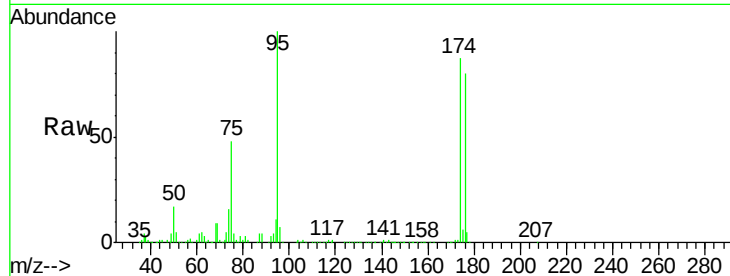
Tot Ion: 95 Resp: 213176

Ion Ratio Lower Upper

95 100

174 86.4 0.0 164.0

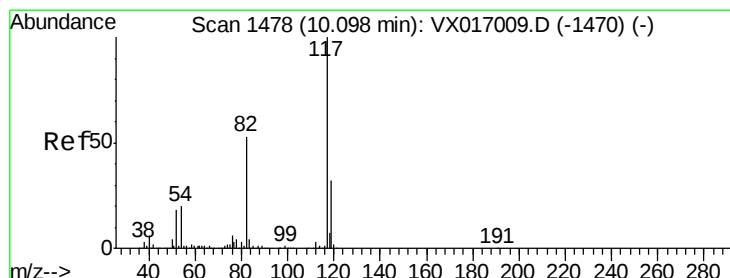
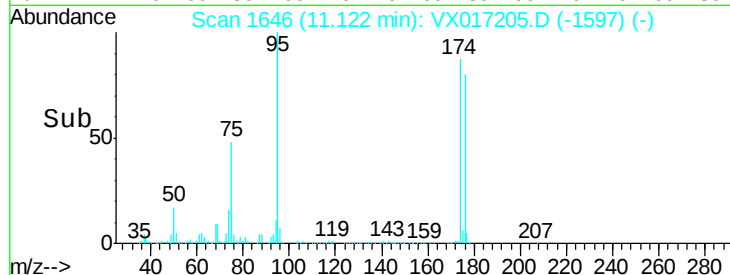
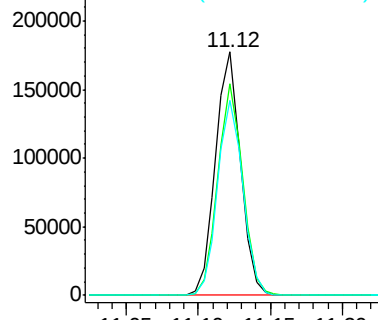
176 80.9 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017205.D

Acq: 07 Jul 2020 15:52

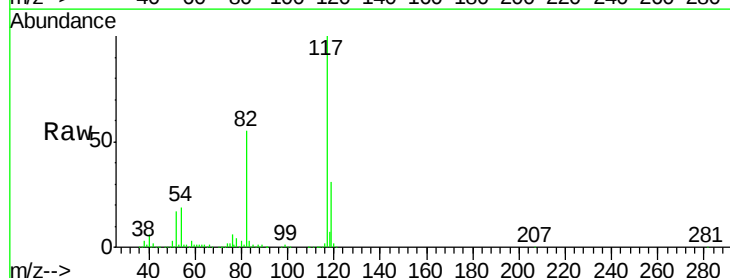
Tgt Ion: 117 Resp: 444762

Ion Ratio Lower Upper

117 100

82 54.6 42.6 63.8

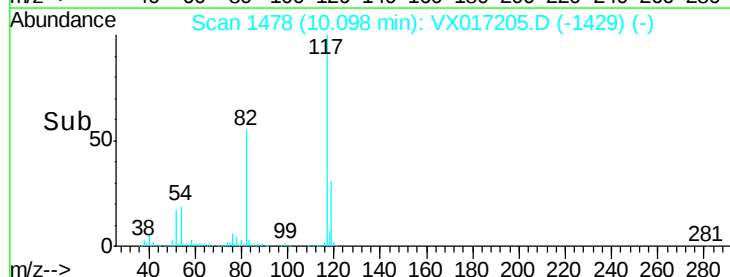
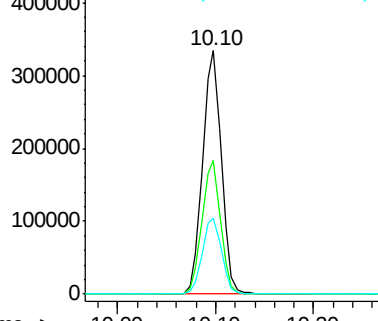
119 31.4 25.4 38.2

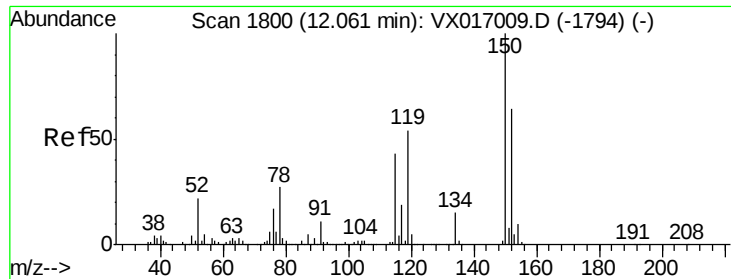


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017205.D

Acq: 07 Jul 2020 15:52

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40BR-20200629

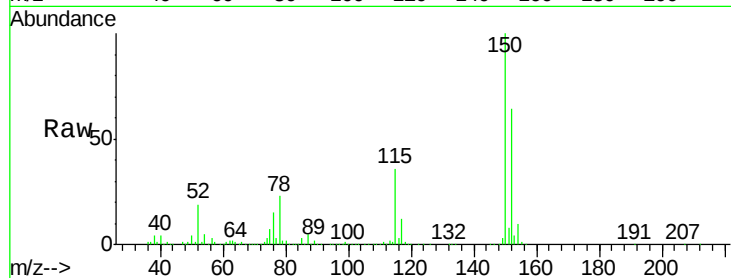
Tot Ion:152 Resp: 237956

Ion Ratio Lower Upper

152 100

115 58.4 40.9 122.7

150 158.5 0.0 351.6



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

