

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\
 Data File : VX017174.D
 Acq On : 06 Jul 2020 17:33
 Operator : JC/SP
 Sample : L3159-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 42BR-20200629

Quant Time: Jul 07 12:12:26 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

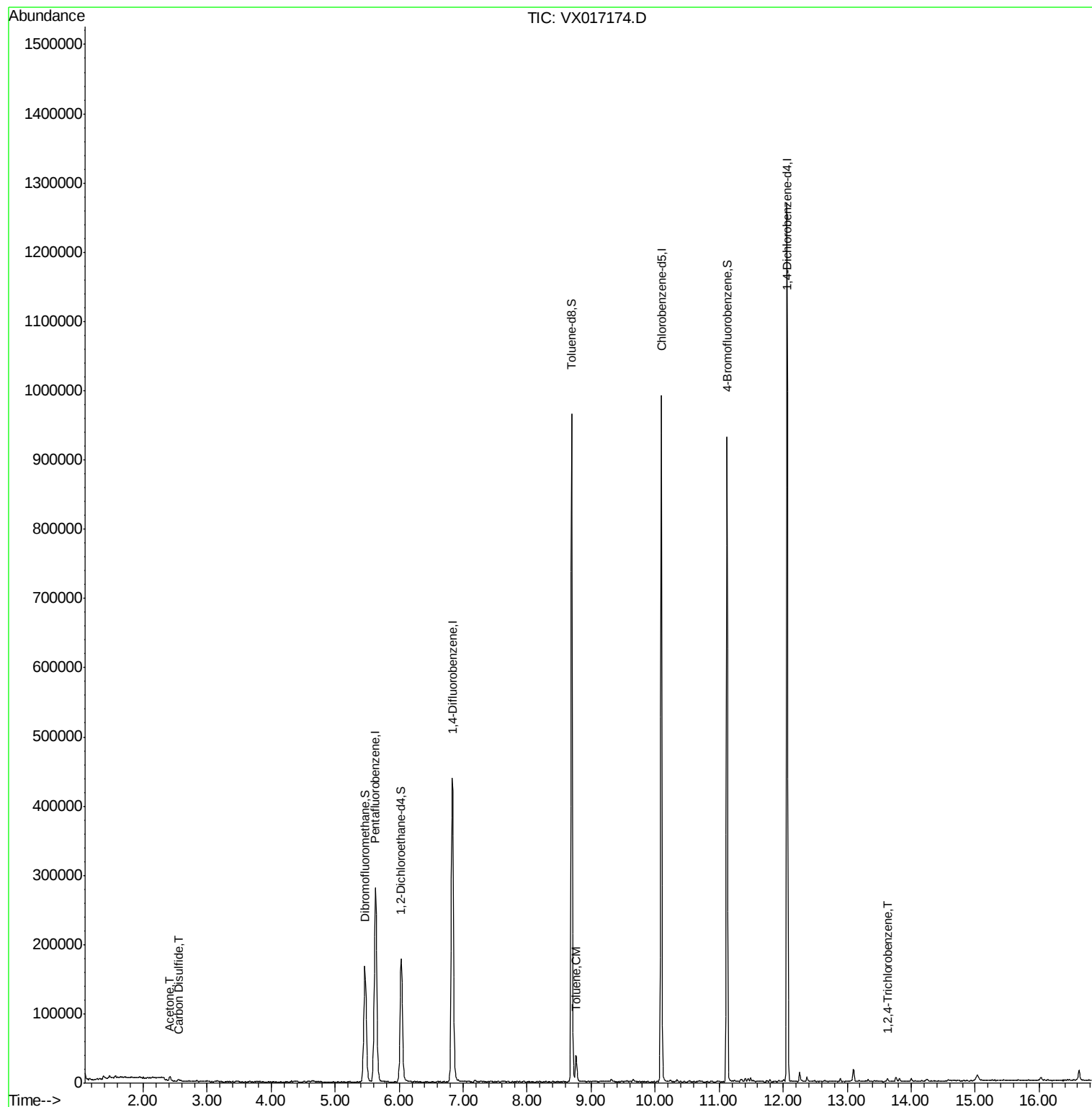
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	273609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	451349	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	463233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	255117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	168683	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
35) Dibromofluoromethane	5.47	113	145600	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
50) Toluene-d8	8.70	98	542770	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.12	95	234608	56.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.70%	
Target Compounds						
16) Acetone	2.42	43	7096	5.624	ug/l	97
17) Carbon Disulfide	2.55	76	2869	0.402	ug/l #	89
52) Toluene	8.76	92	14274	1.824	ug/l	94
93) 1,2,4-Trichlorobenzene	13.63	180	1465	0.275	ug/l	84

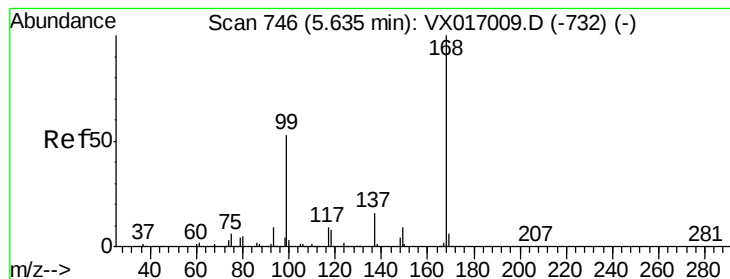
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 07 12:12:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017174.D

Acq: 06 Jul 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

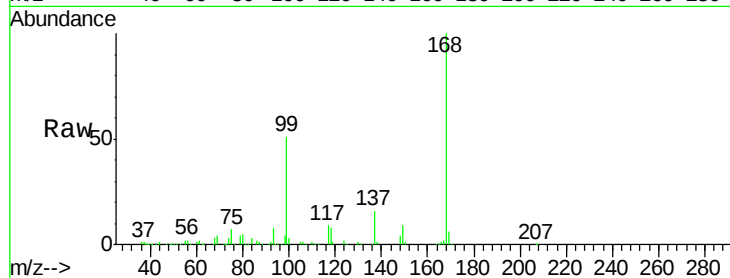
42BR-20200629

Tot Ion:168 Resp: 273609

Ion Ratio Lower Upper

168 100

99 51.4 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

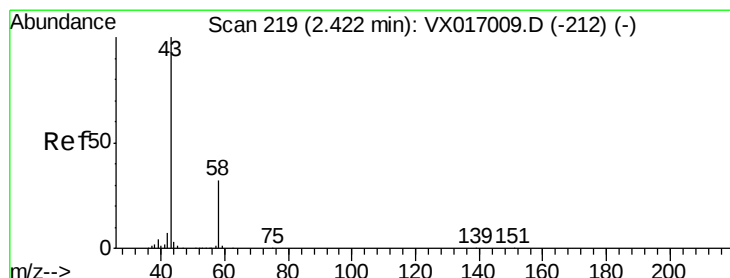
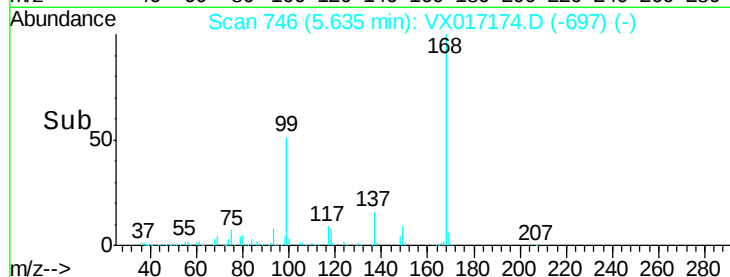
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 5.624 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017174.D

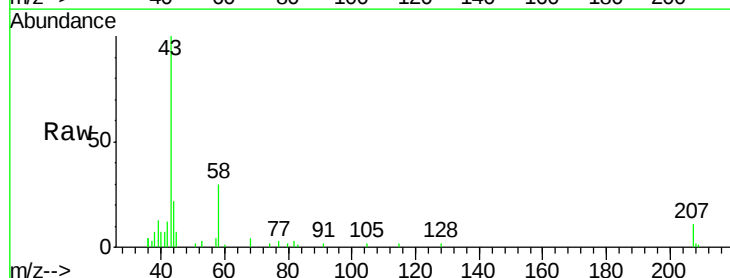
Acq: 06 Jul 2020 17:33

Tgt Ion: 43 Resp: 7096

Ion Ratio Lower Upper

43 100

58 30.5 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

4000

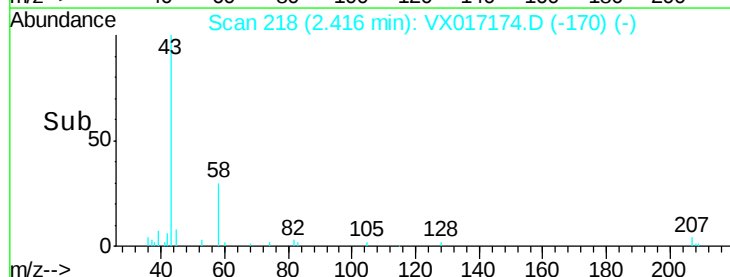
3000

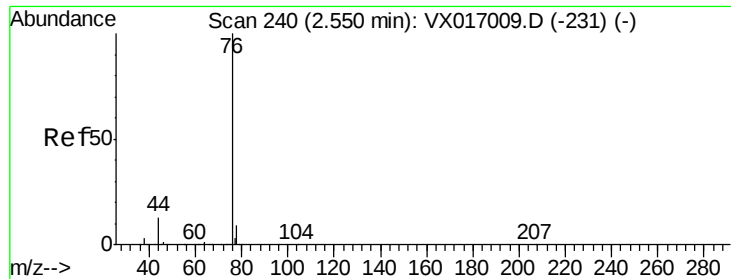
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 0.402 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017174.D

Acq: 06 Jul 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

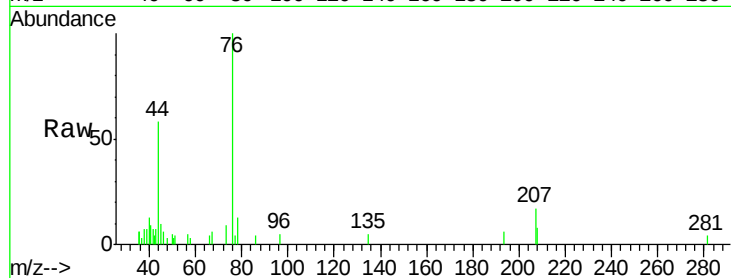
42BR-20200629

Tot Ion: 76 Resp: 2869

Ion Ratio Lower Upper

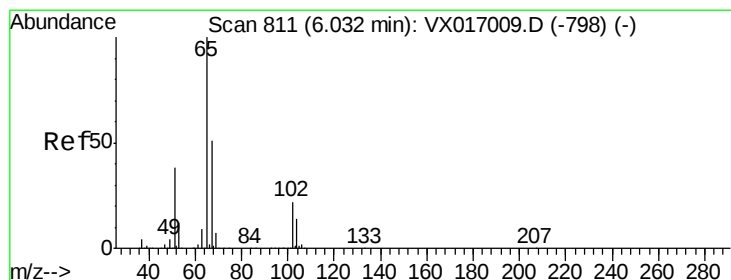
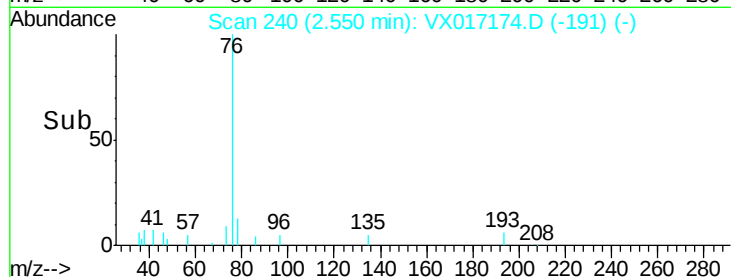
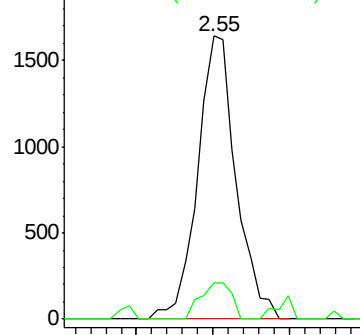
76 100

78 12.8 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.009 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017174.D

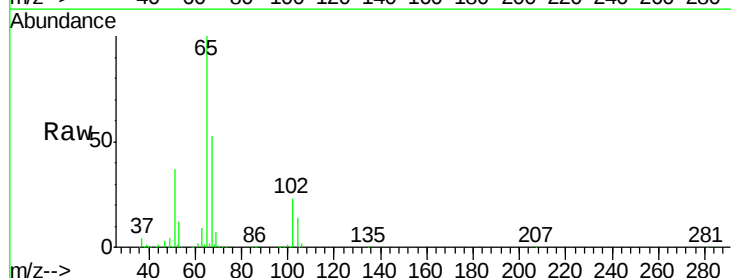
Acq: 06 Jul 2020 17:33

Tgt Ion: 65 Resp: 168683

Ion Ratio Lower Upper

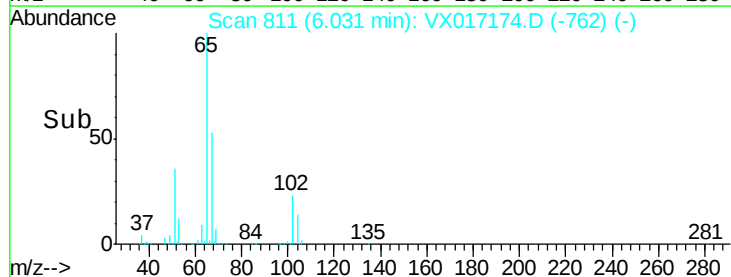
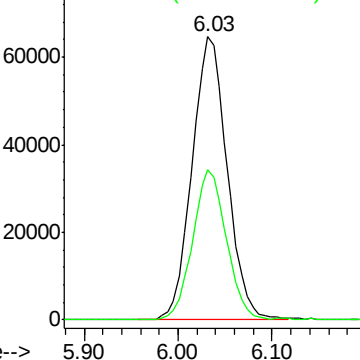
65 100

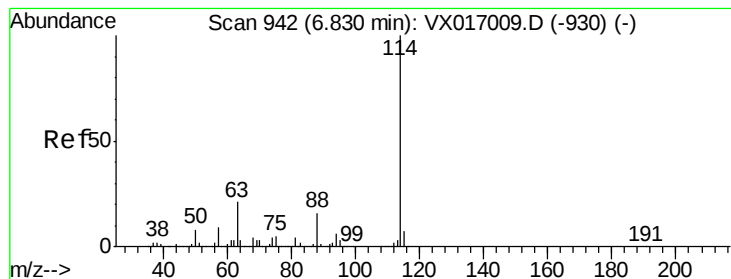
67 50.9 0.0 103.8



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017174.D

Acq: 06 Jul 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

42BR-20200629

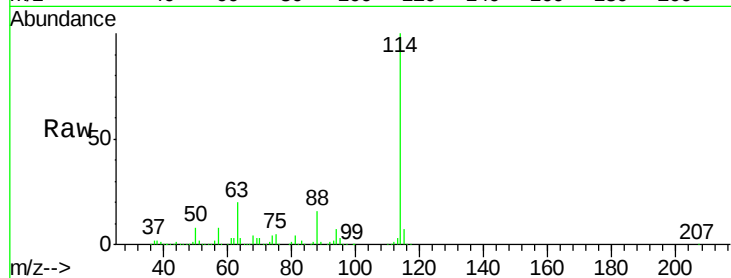
Tot Ion:114 Resp: 451349

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

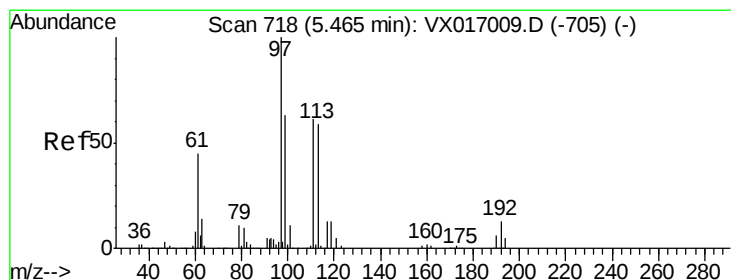
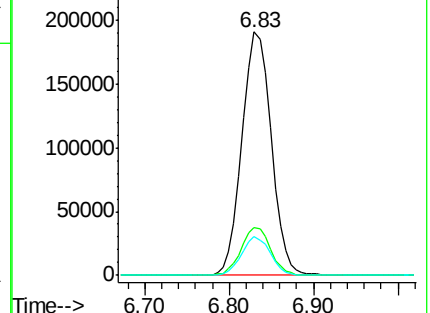
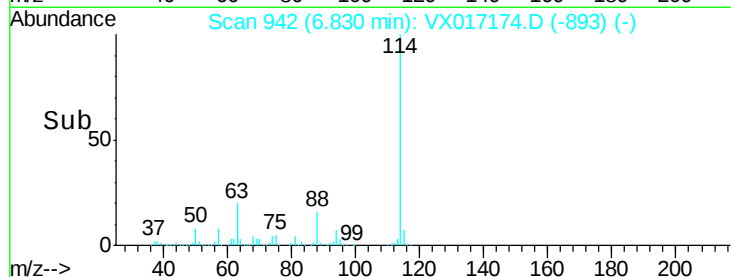
88 15.9 0.0 32.4



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: 50.997 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017174.D

Acq: 06 Jul 2020 17:33

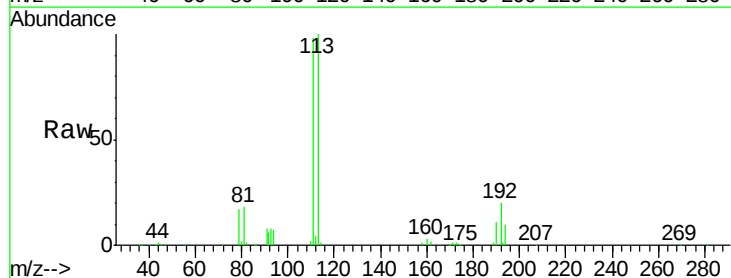
Tgt Ion:113 Resp: 145600

Ion Ratio Lower Upper

113 100

111 101.1 81.9 122.9

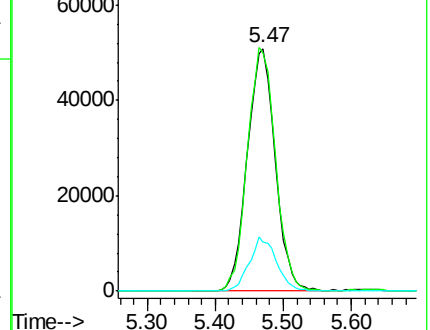
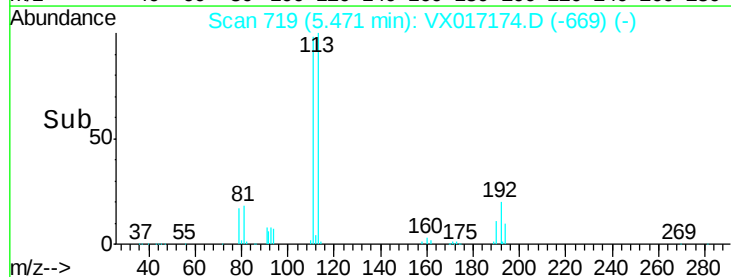
192 21.7 16.7 25.1

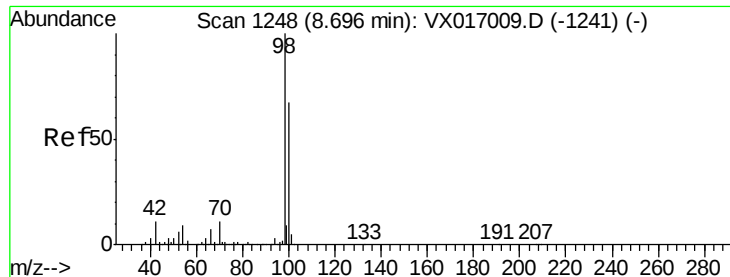


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

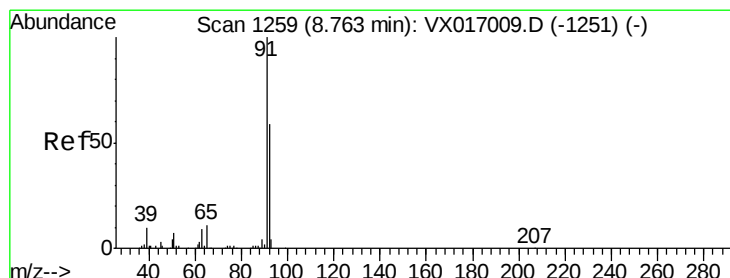
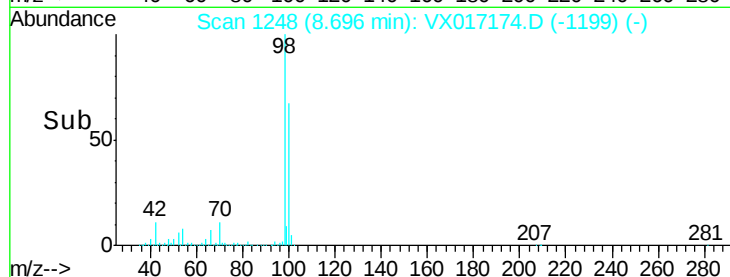
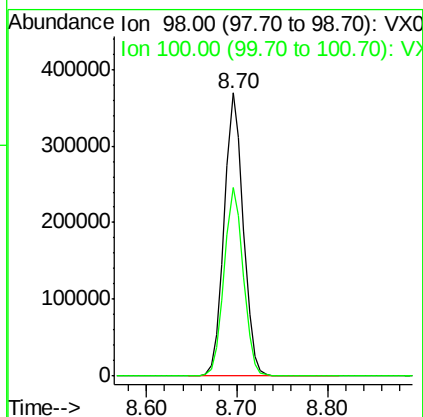
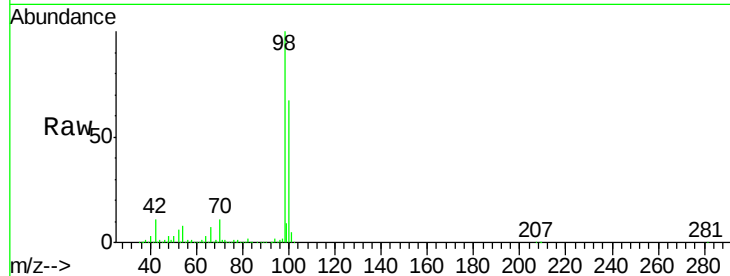




#50
Toluene-d8
Concen: 51.411 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017174.D
Acq: 06 Jul 2020 17:33

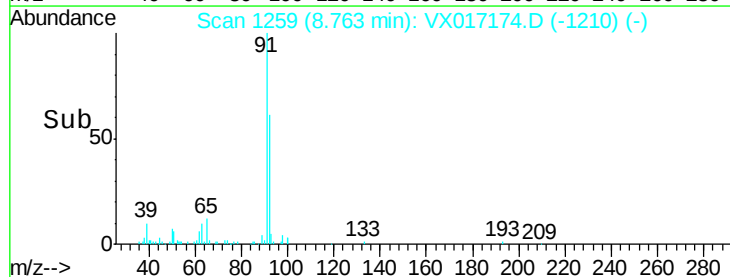
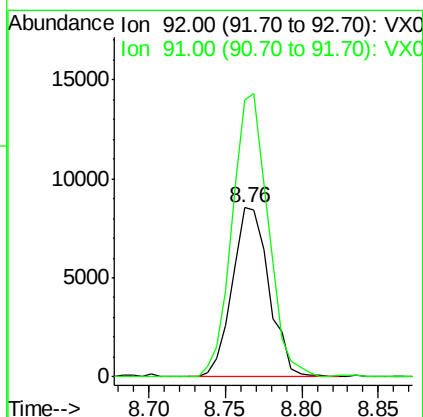
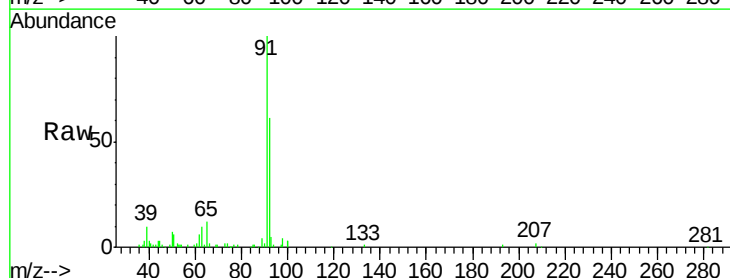
Instrument :
MSVOA_X
ClientSampleId :
42BR-20200629

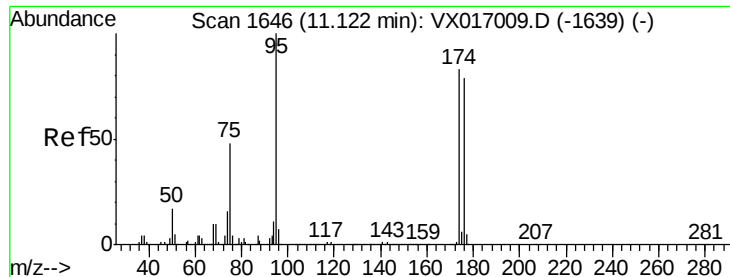
Tot Ion: 98 Resp: 542770
Ion Ratio Lower Upper
98 100
100 66.9 53.8 80.6



#52
Toluene
Concen: 1.824 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017174.D
Acq: 06 Jul 2020 17:33

Tgt Ion: 92 Resp: 14274
Ion Ratio Lower Upper
92 100
91 163.3 136.9 205.3





#62

4-Bromofluorobenzene

Concen: 56.846 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017174.D

Acq: 06 Jul 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

42BR-20200629

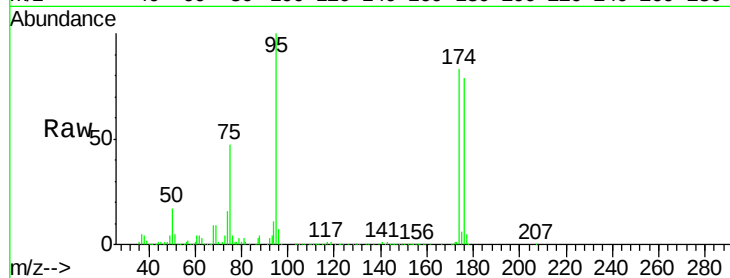
Tot Ion: 95 Resp: 234608

Ion Ratio Lower Upper

95 100

174 84.7 0.0 164.0

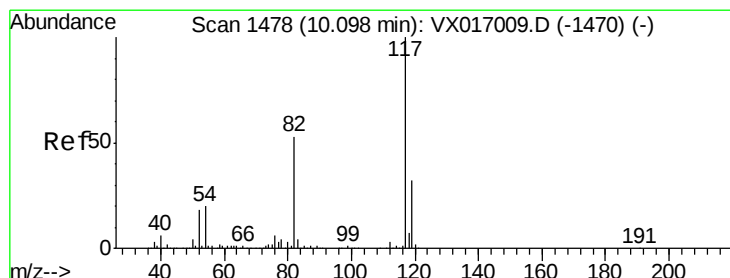
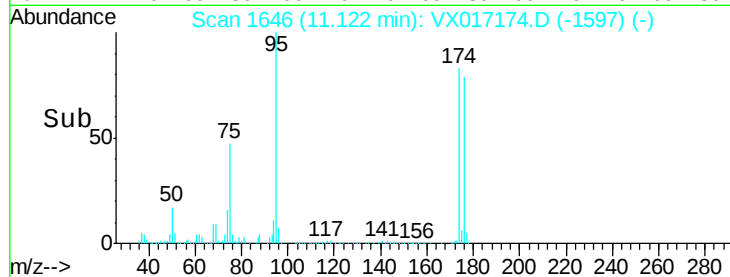
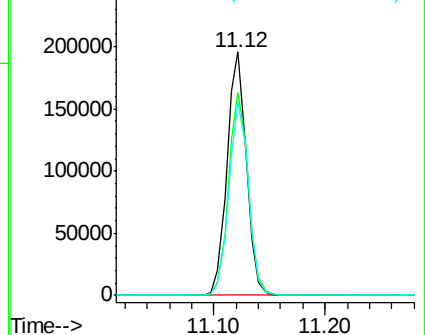
176 80.8 0.0 157.6



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: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017174.D

Acq: 06 Jul 2020 17:33

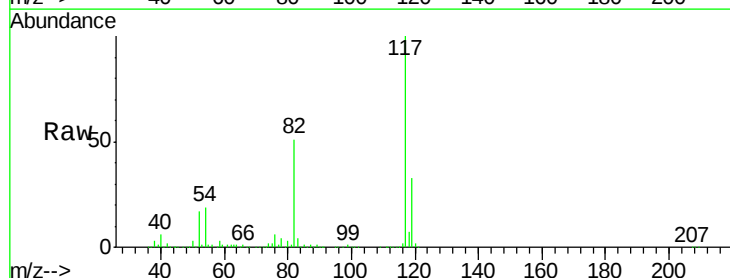
Tgt Ion: 117 Resp: 463233

Ion Ratio Lower Upper

117 100

82 51.4 42.6 63.8

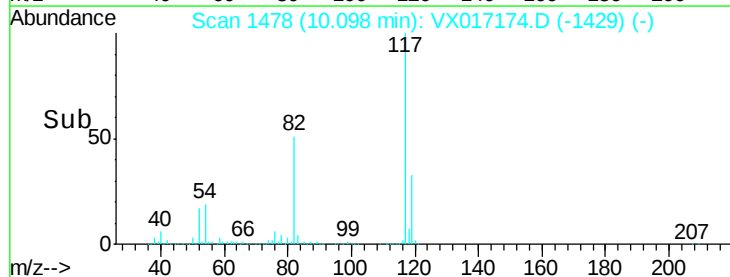
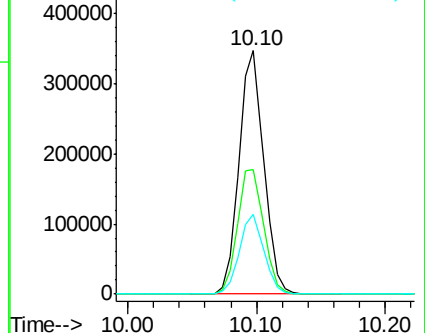
119 32.6 25.4 38.2

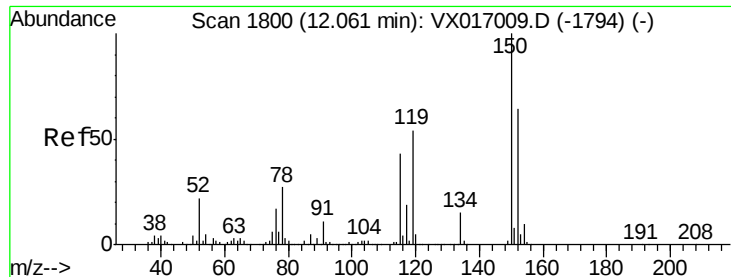


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017174.D

Acq: 06 Jul 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

42BR-20200629

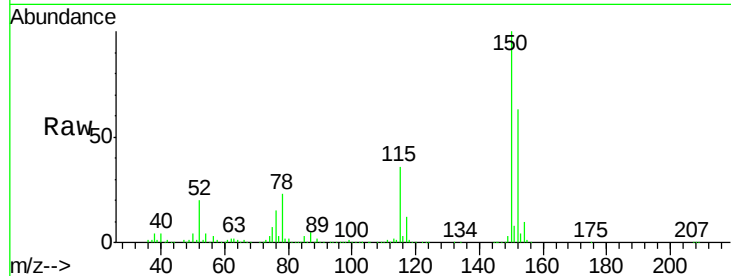
Tot Ion:152 Resp: 255117

Ion Ratio Lower Upper

152 100

115 56.3 40.9 122.7

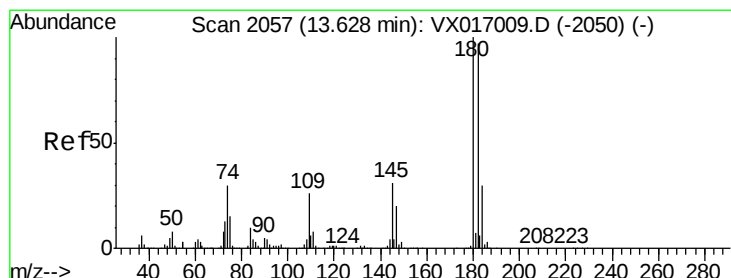
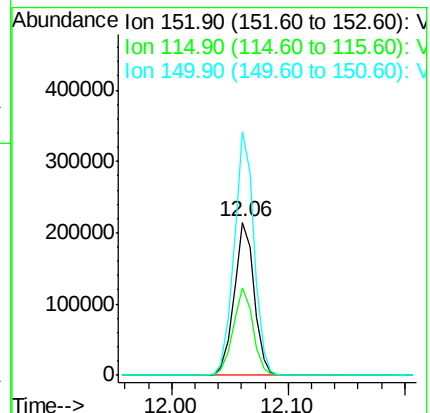
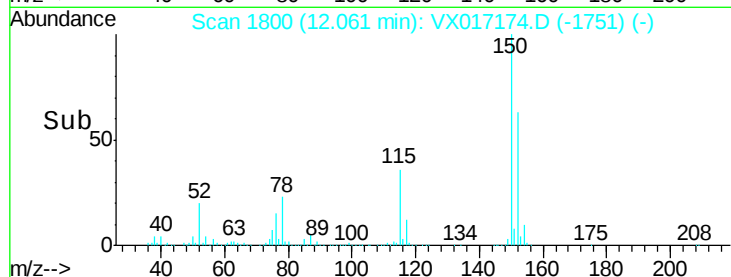
150 158.2 0.0 351.6



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



#93

1,2,4-Trichlorobenzene

Concen: 0.275 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017174.D

Acq: 06 Jul 2020 17:33

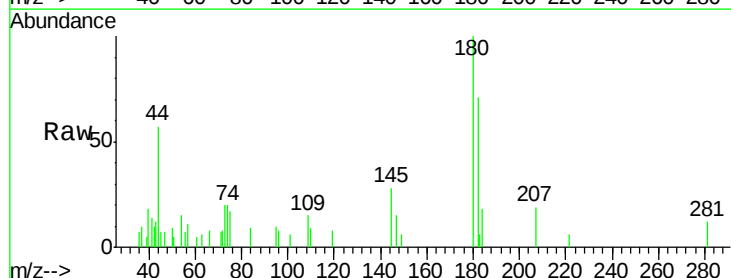
Tgt Ion:180 Resp: 1465

Ion Ratio Lower Upper

180 100

182 75.4 47.3 141.9

145 27.4 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

