

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017102.D
 Acq On : 01 Jul 2020 16:46
 Operator : JC/SP
 Sample : L3163-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I-LGC-3

Quant Time: Jul 02 03:10:15 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

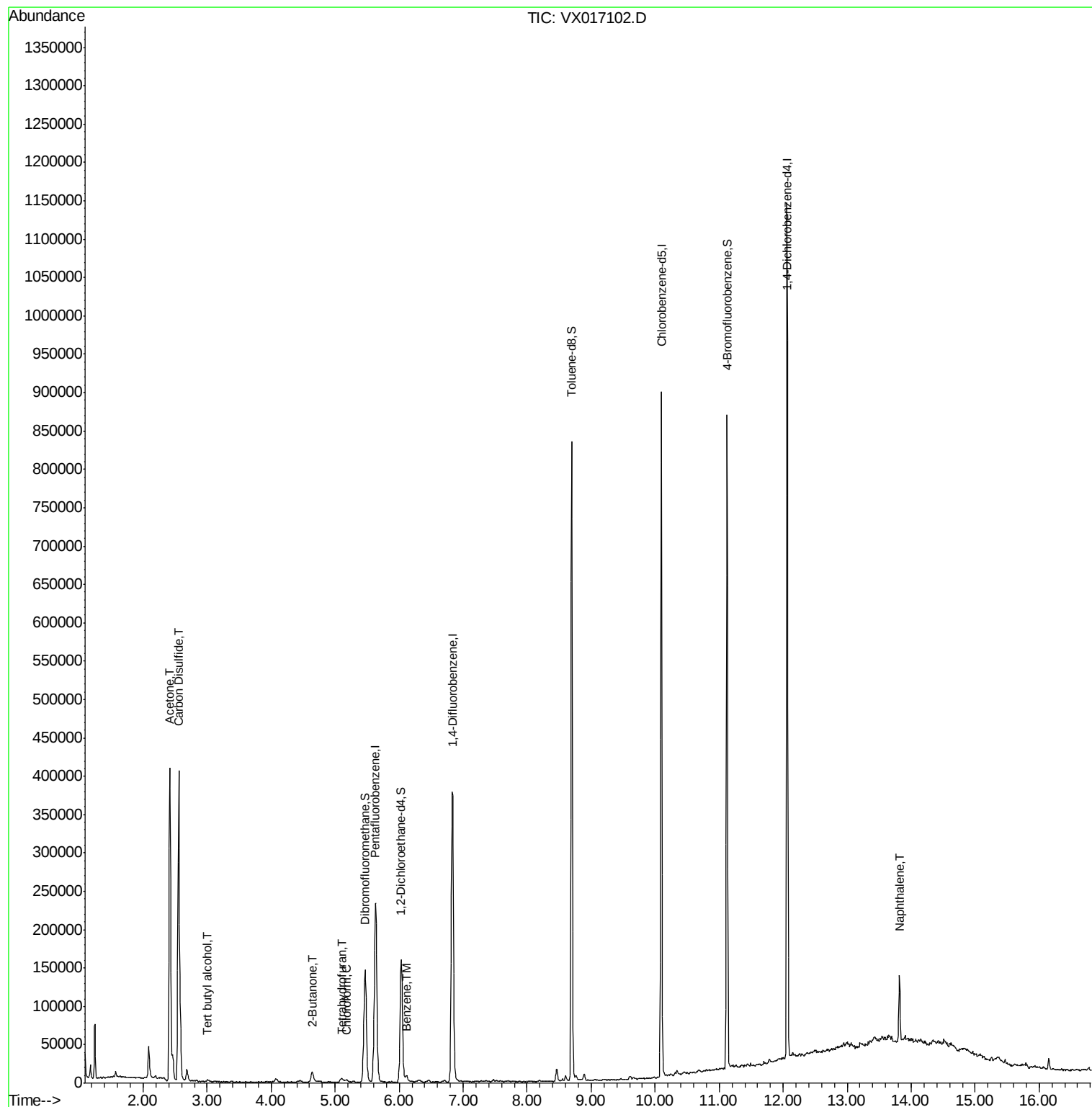
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	228566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	389826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	412010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	230888	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	151950	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
35) Dibromofluoromethane	5.46	113	128184	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
50) Toluene-d8	8.70	98	474301	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.12	95	214691	60.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.46%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.00	59	2858	5.317	ug/l	96
16) Acetone	2.42	43	433377	411.135	ug/l	96
17) Carbon Disulfide	2.55	76	501719	79.494	ug/l	99
25) 2-Butanone	4.64	43	21378	12.171	ug/l #	89
29) Tetrahydrofuran	5.09	42	3249	2.800	ug/l #	67
30) Chloroform	5.19	83	2880	0.638	ug/l #	81
40) Benzene	6.12	78	8916	0.824	ug/l	98
95) Naphthalene	13.82	128	51245	3.500	ug/l #	95

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

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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: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017102.D

Acq: 01 Jul 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

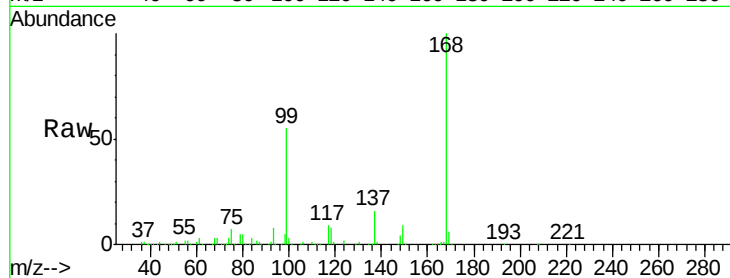
I-LGC-3

Tot Ion:168 Resp: 228566

Ion Ratio Lower Upper

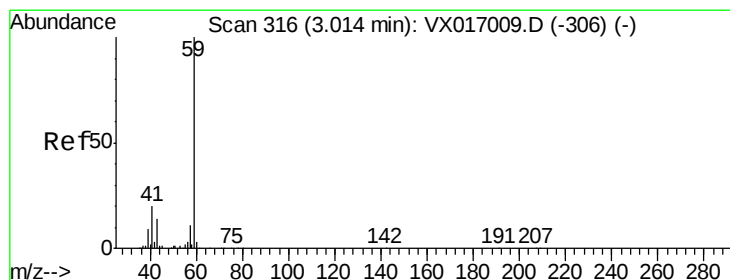
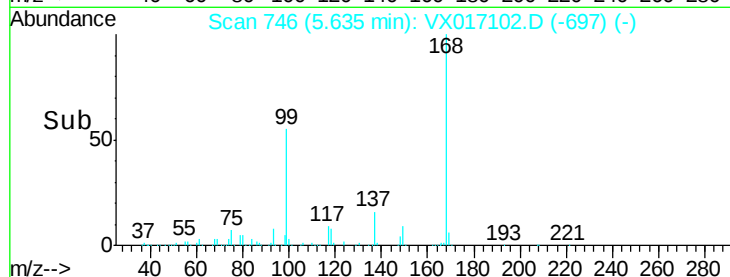
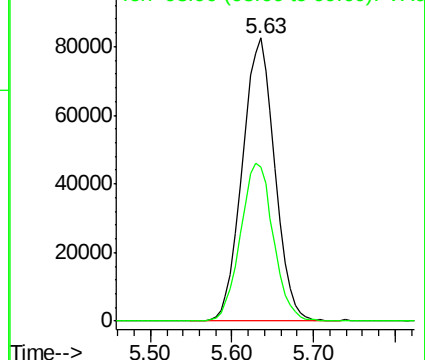
168 100

99 54.6 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 5.317 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX017102.D

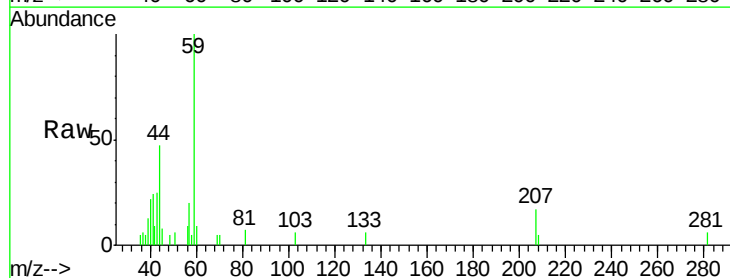
Acq: 01 Jul 2020 16:46

Tgt Ion: 59 Resp: 2858

Ion Ratio Lower Upper

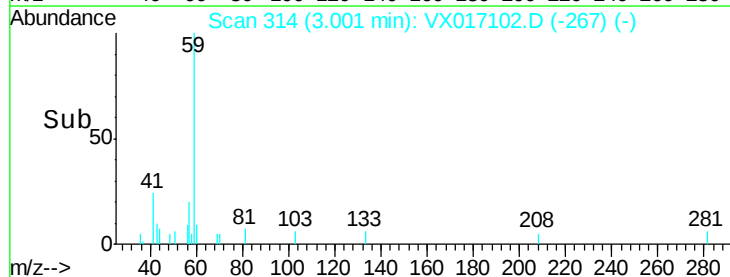
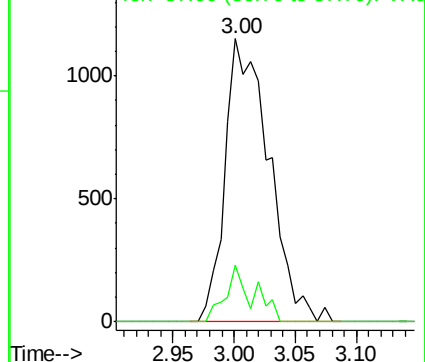
59 100

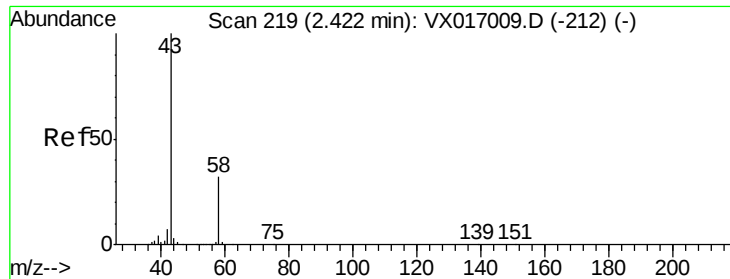
57 8.5 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 411.135 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017102.D

Acq: 01 Jul 2020 16:46

Instrument :

MSVOA_X

ClientSampled :

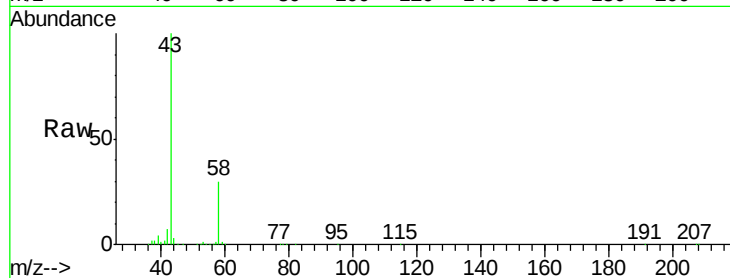
I-LGC-3

Tot Ion: 43 Resp: 433377

Ion Ratio Lower Upper

43 100

58 30.1 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

250000

200000

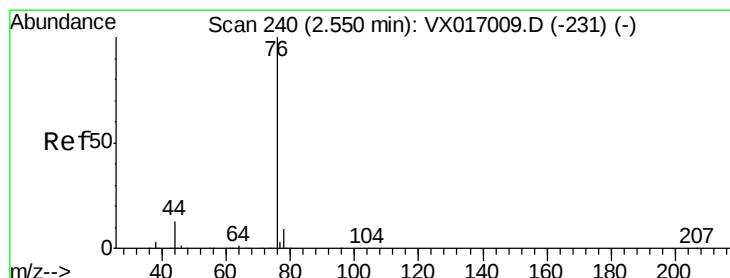
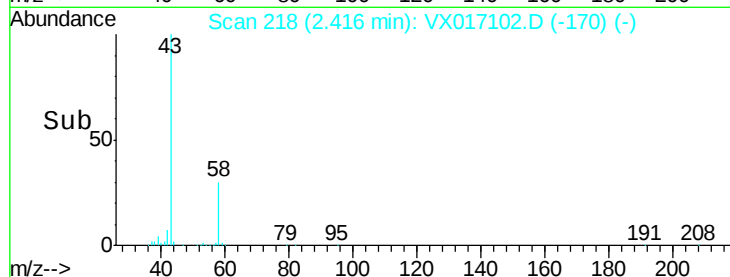
150000

100000

50000

0

Time--> 2.30 2.40 2.50



#17

Carbon Disulfide

Concen: 79.494 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017102.D

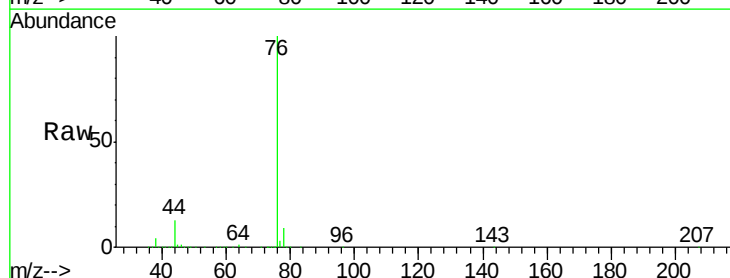
Acq: 01 Jul 2020 16:46

Tgt Ion: 76 Resp: 501719

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

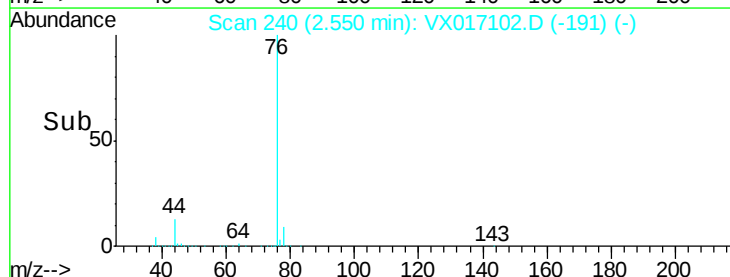
300000

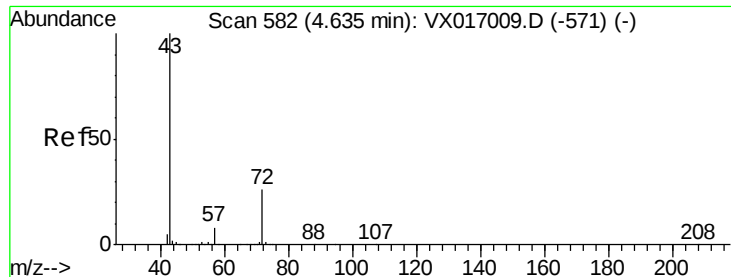
200000

100000

0

Time--> 2.40 2.50 2.60 2.70





#25

2-Butanone

Concen: 12.171 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017102.D

Acq: 01 Jul 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

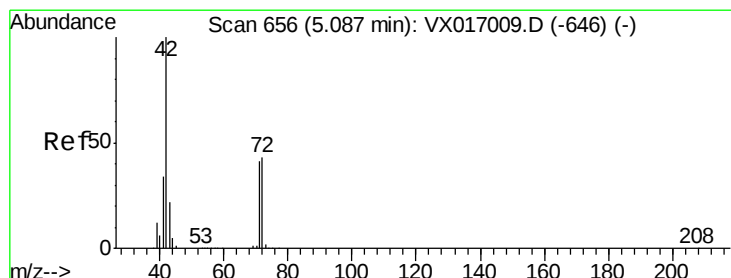
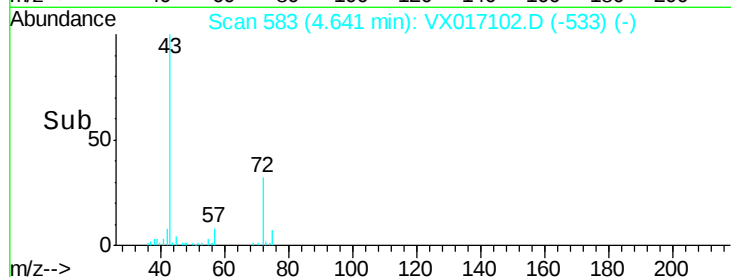
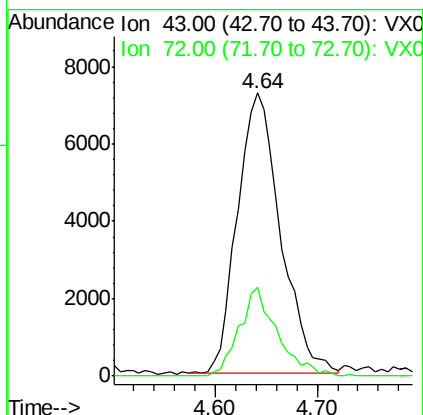
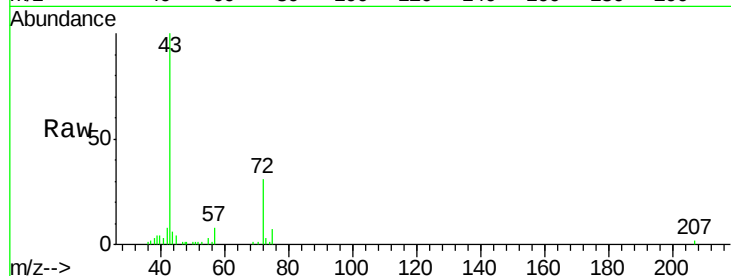
I-LGC-3

Tot Ion: 43 Resp: 21378

Ion Ratio Lower Upper

43 100

72 31.7 20.8 31.2#



#29

Tetrahydrofuran

Concen: 2.800 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX017102.D

Acq: 01 Jul 2020 16:46

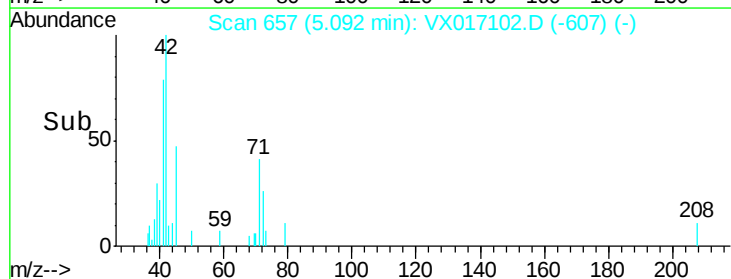
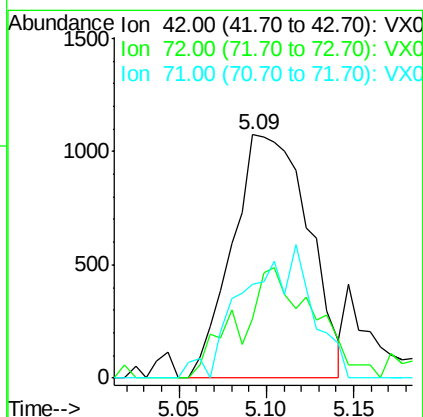
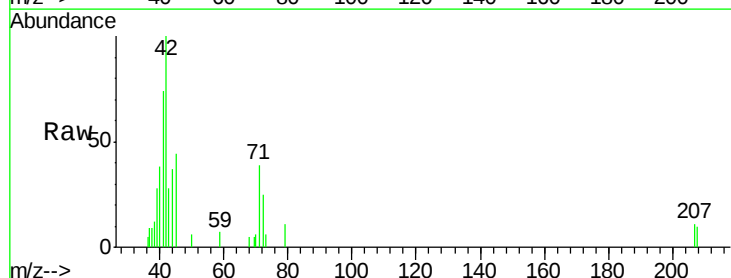
Tgt Ion: 42 Resp: 3249

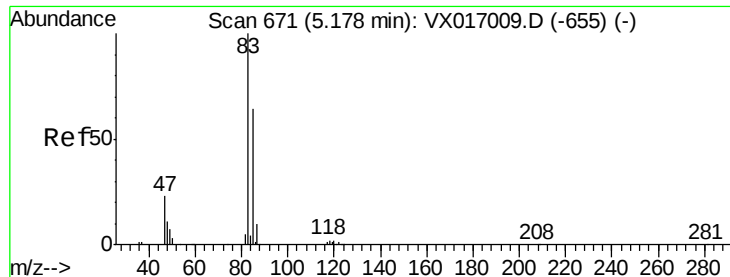
Ion Ratio Lower Upper

42 100

72 45.2 35.3 52.9

71 0.0 33.1 49.7#

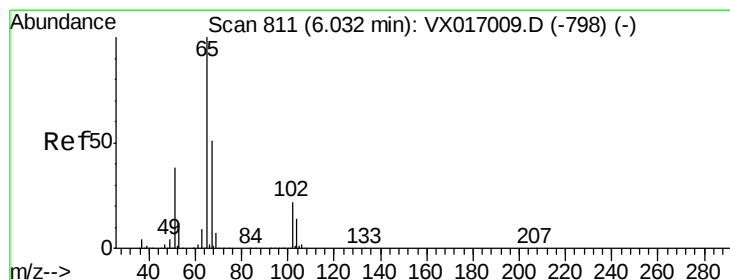
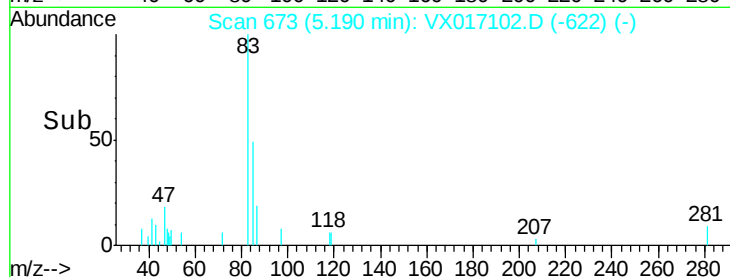
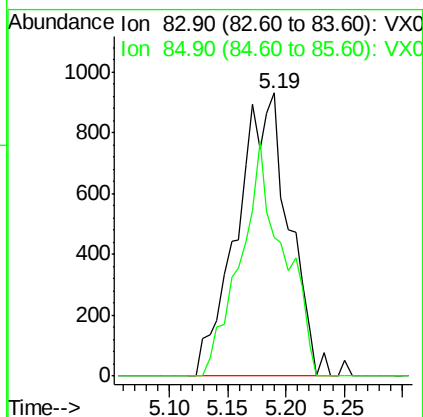
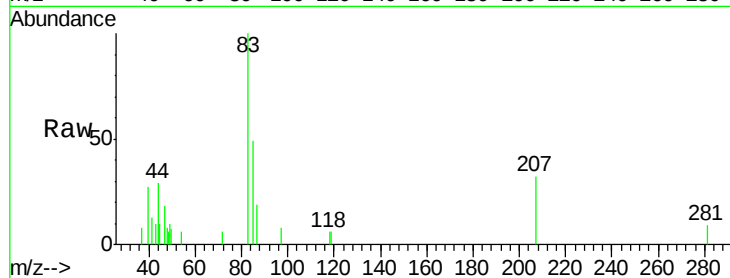




#30
Chloroform
Concen: 0.638 ug/l
RT: 5.19 min Scan# 673
Delta R.T. 0.01 min
Lab File: VX017102.D
Acq: 01 Jul 2020 16:46

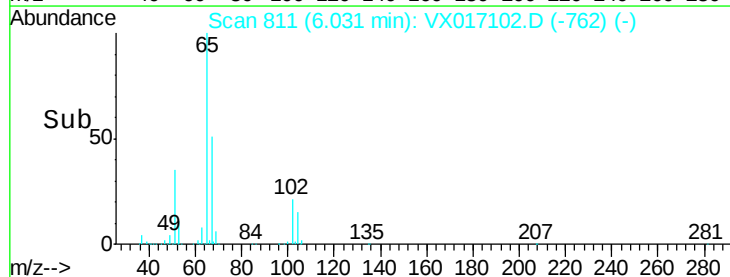
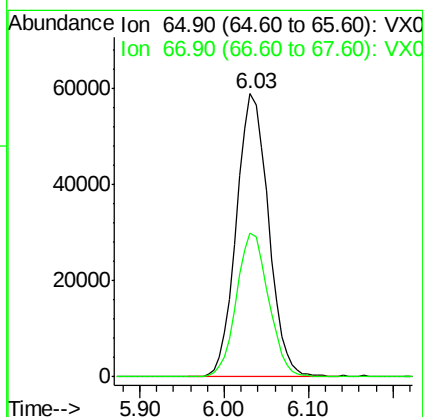
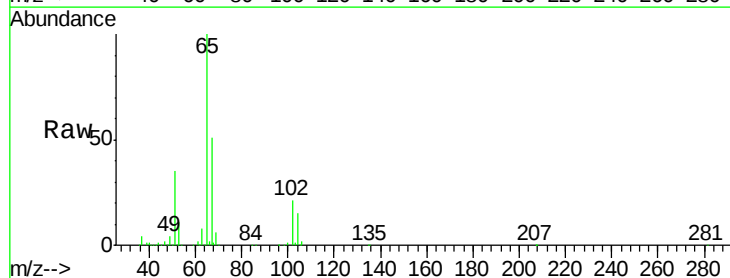
Instrument :
MSVOA_X
ClientSampled :
I-LGC-3

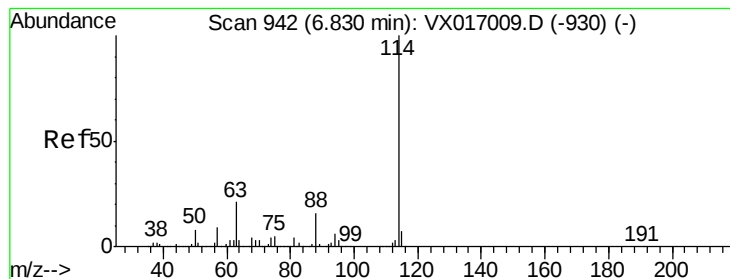
Tot Ion: 83 Resp: 2880
Ion Ratio Lower Upper
83 100
85 49.1 51.4 77.2#



#33
1,2-Dichloroethane-d4
Concen: 53.926 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017102.D
Acq: 01 Jul 2020 16:46

Tgt Ion: 65 Resp: 151950
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017102.D

Acq: 01 Jul 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

I-LGC-3

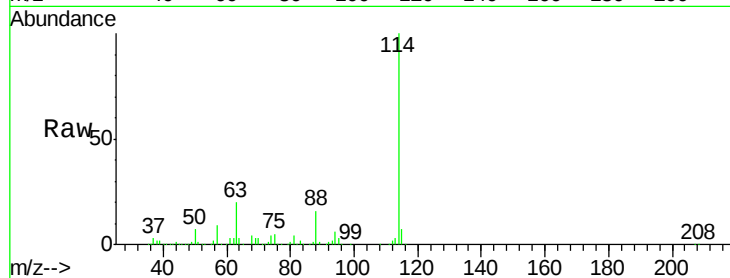
Tot Ion:114 Resp: 389826

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

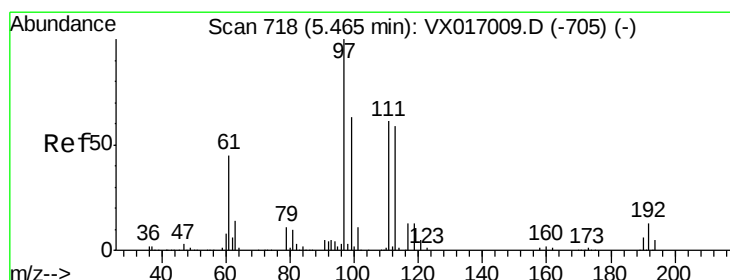
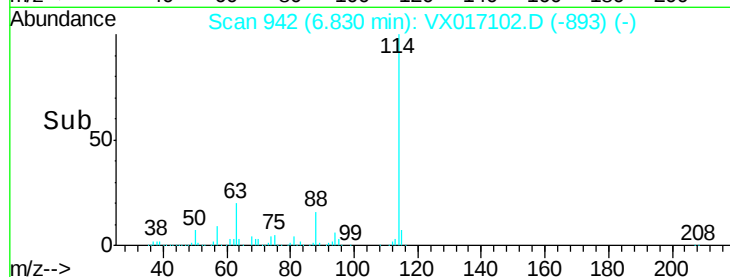
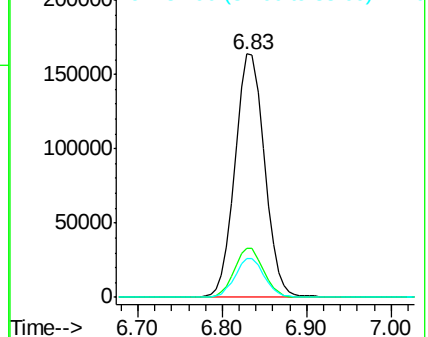
88 16.1 0.0 32.4



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: 51.982 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017102.D

Acq: 01 Jul 2020 16:46

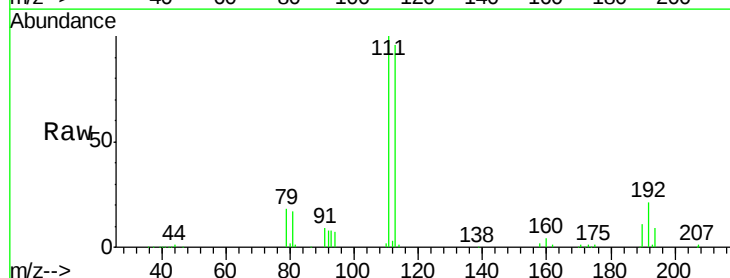
Tgt Ion:113 Resp: 128184

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

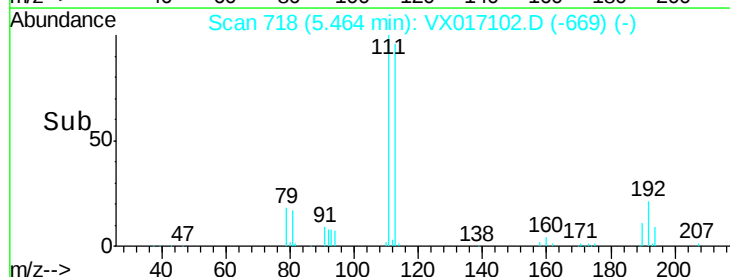
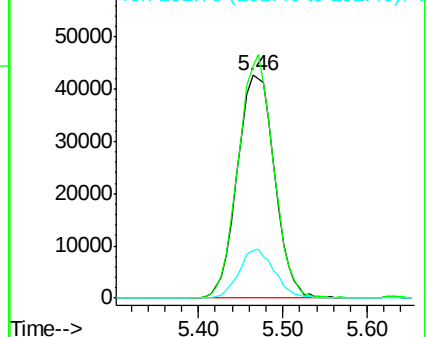
192 20.9 16.7 25.1

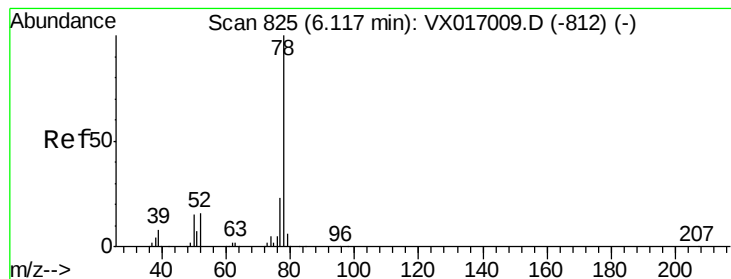


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.824 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX017102.D

Acq: 01 Jul 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

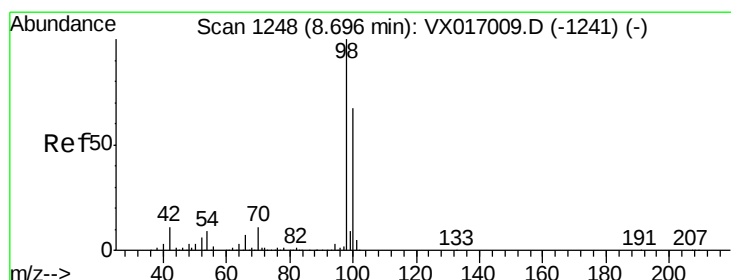
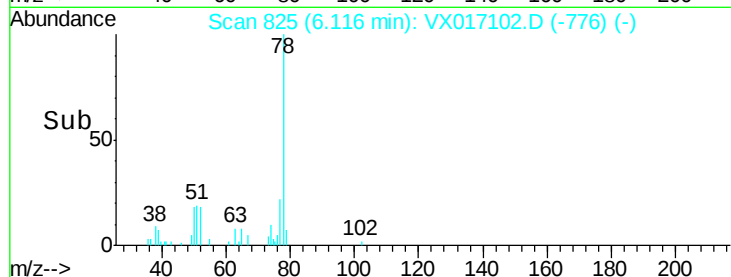
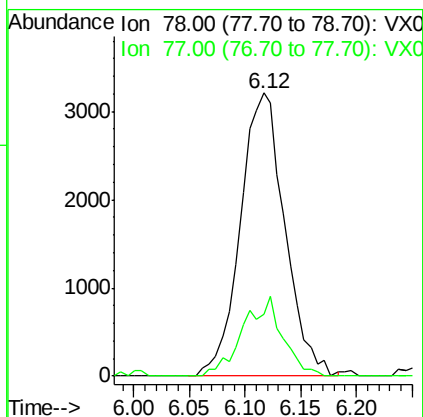
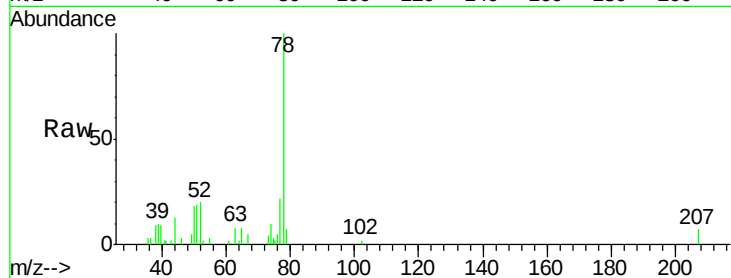
I-LGC-3

Tot Ion: 78 Resp: 8916

Ion Ratio Lower Upper

78 100

77 22.0 18.3 27.5



#50

Toluene-d8

Concen: 52.015 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017102.D

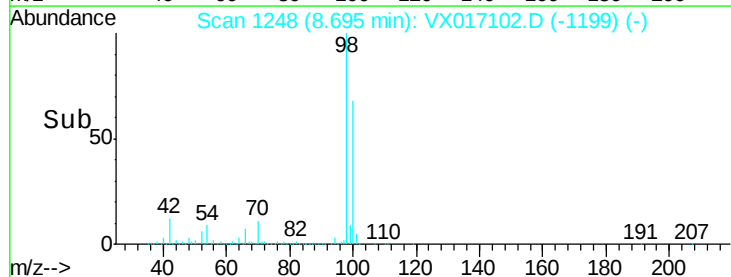
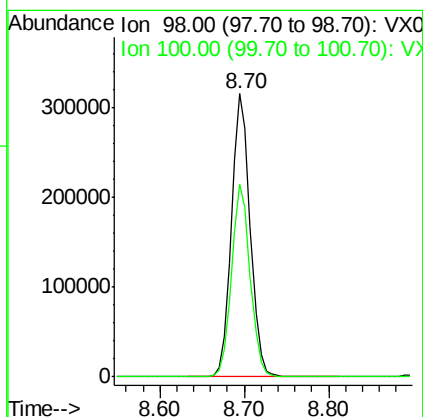
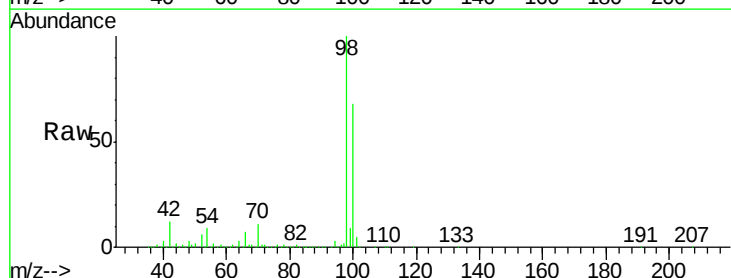
Acq: 01 Jul 2020 16:46

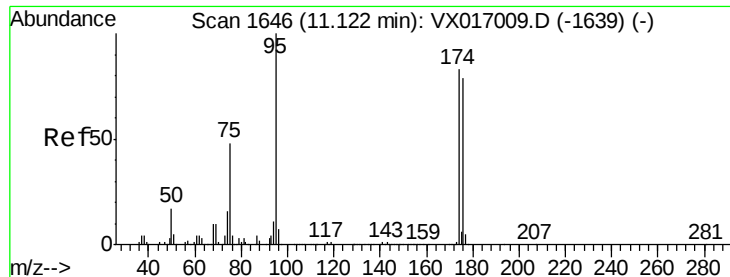
Tgt Ion: 98 Resp: 474301

Ion Ratio Lower Upper

98 100

100 67.5 53.8 80.6





#62

4-Bromofluorobenzene

Concen: 60.230 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017102.D

Acq: 01 Jul 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

I-LGC-3

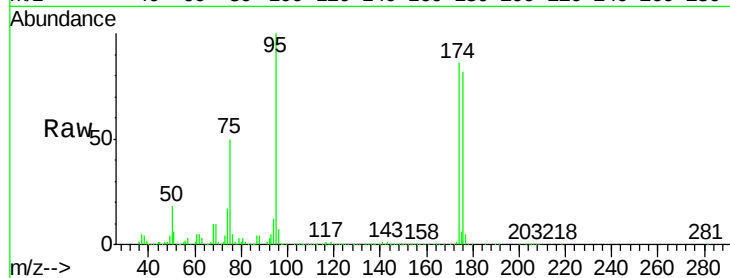
Tot Ion: 95 Resp: 214691

Ion Ratio Lower Upper

95 100

174 83.4 0.0 164.0

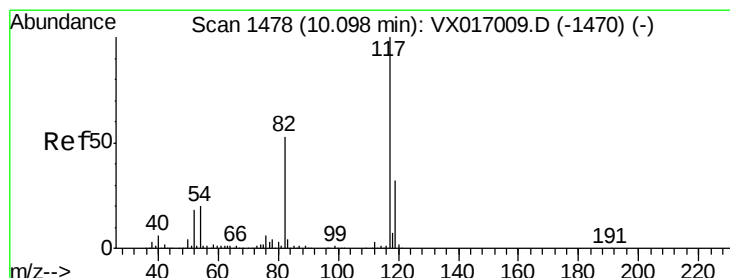
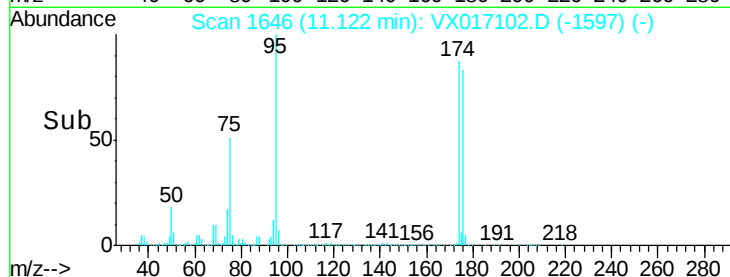
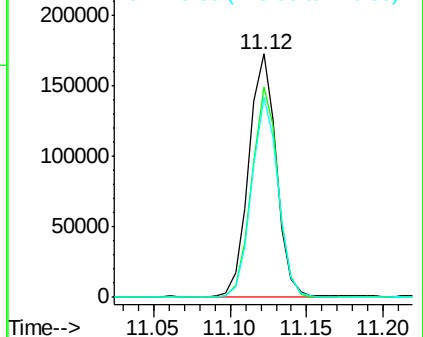
176 79.7 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX017102.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX017102.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX017102.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017102.D

Acq: 01 Jul 2020 16:46

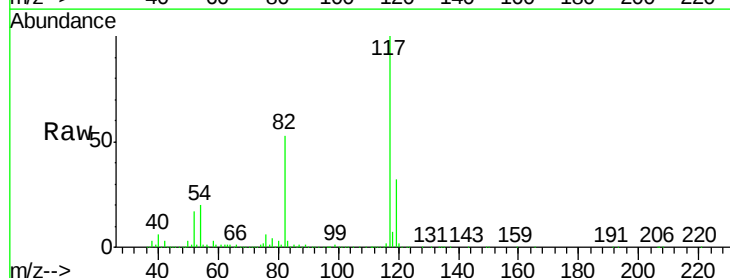
Tgt Ion: 117 Resp: 412010

Ion Ratio Lower Upper

117 100

82 53.0 42.6 63.8

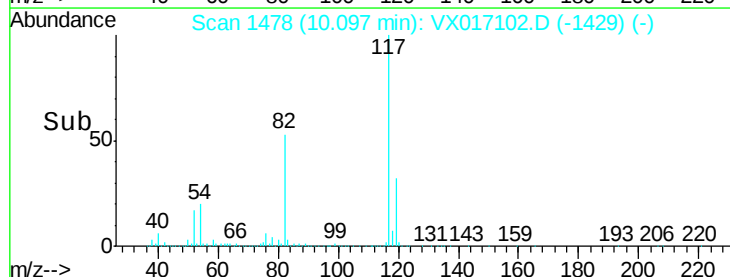
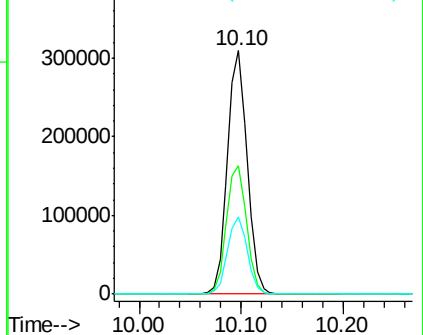
119 31.8 25.4 38.2

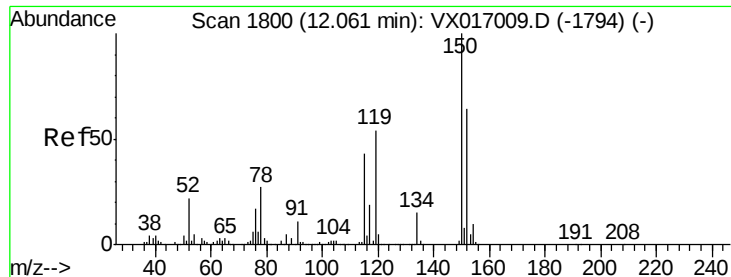


Abundance Ion 116.90 (116.60 to 117.60): VX017102.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX017102.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX017102.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017102.D

Acq: 01 Jul 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

I-LGC-3

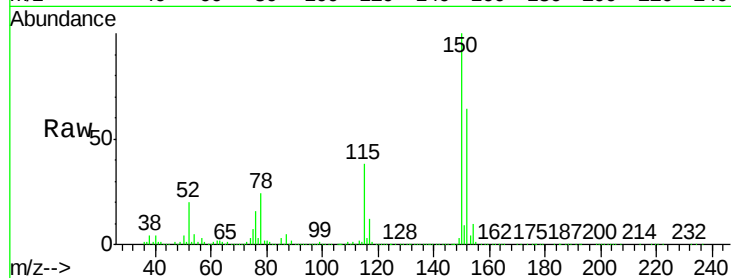
Tot Ion:152 Resp: 230888

Ion Ratio Lower Upper

152 100

115 57.5 40.9 122.7

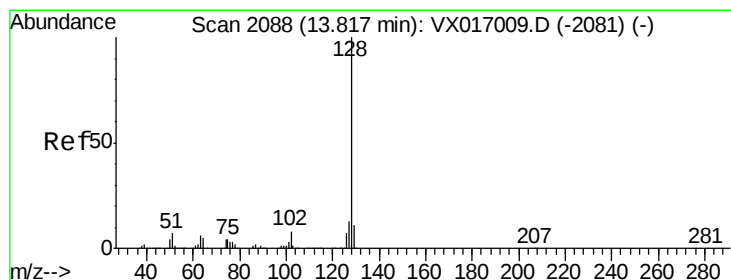
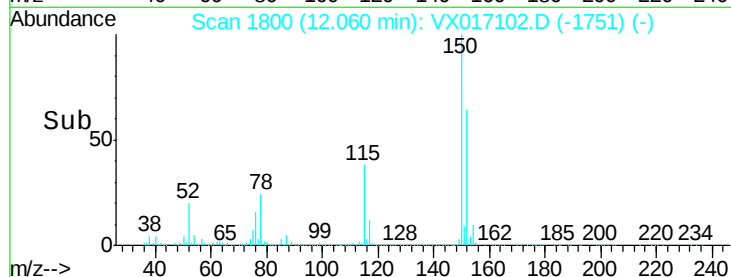
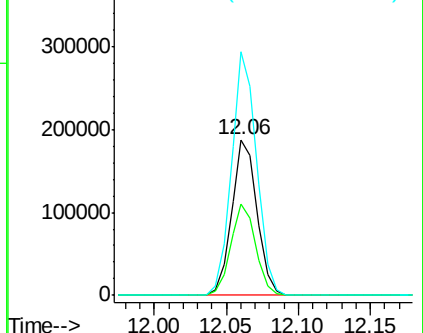
150 155.1 0.0 351.6



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



#95

Naphthalene

Concen: 3.500 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017102.D

Acq: 01 Jul 2020 16:46

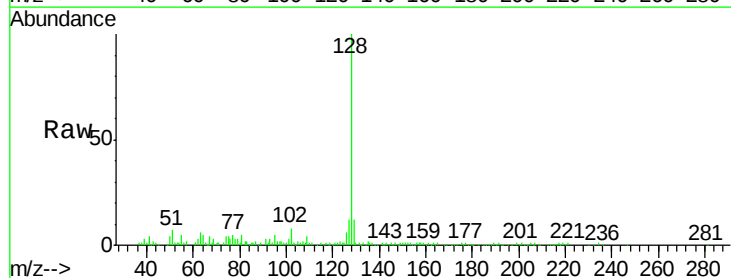
Tgt Ion:128 Resp: 51245

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

129 13.5 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

