

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017103.D
 Acq On : 01 Jul 2020 17:09
 Operator : JC/SP
 Sample : L3163-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E-LGC-3

Quant Time: Jul 02 03:12:35 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

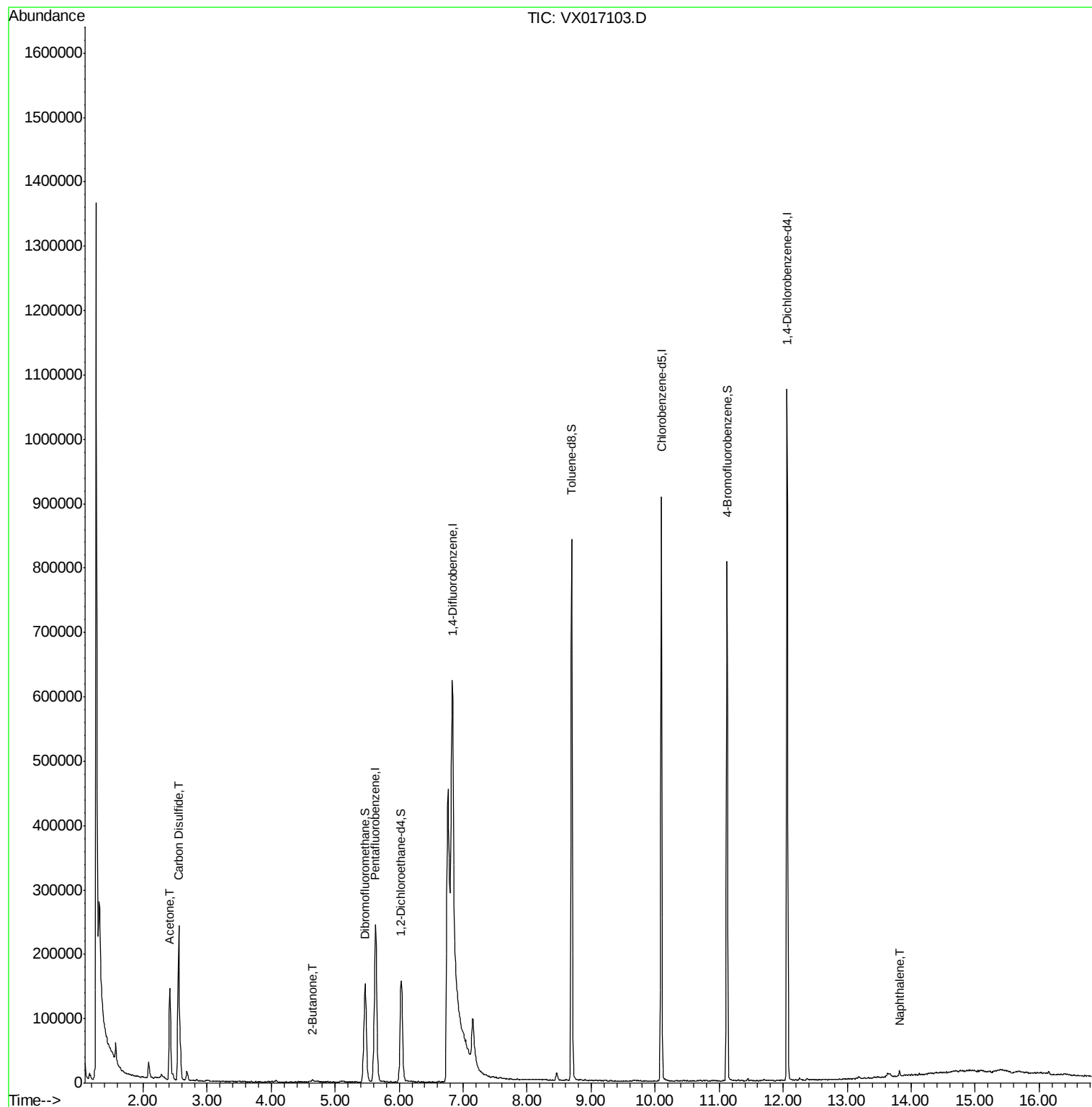
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	230808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	409430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	153753	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.08%	
35) Dibromofluoromethane	5.47	113	132465	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
50) Toluene-d8	8.70	98	485086	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.12	95	205252	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
Target Compounds						
16) Acetone	2.42	43	151067	141.922	ug/l	100
17) Carbon Disulfide	2.55	76	293116	46.001	ug/l	99
25) 2-Butanone	4.65	43	4557	2.569	ug/l	95
95) Naphthalene	13.82	128	4895	0.353	ug/l #	82

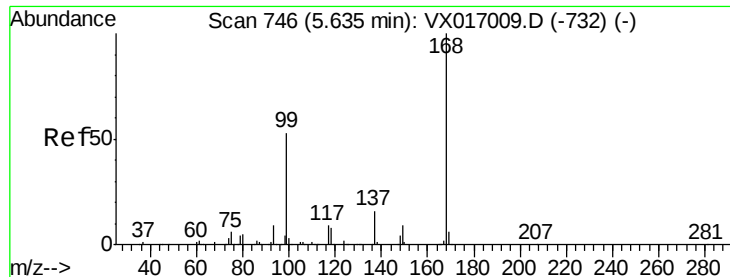
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
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: VX017103.D

Acq: 01 Jul 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

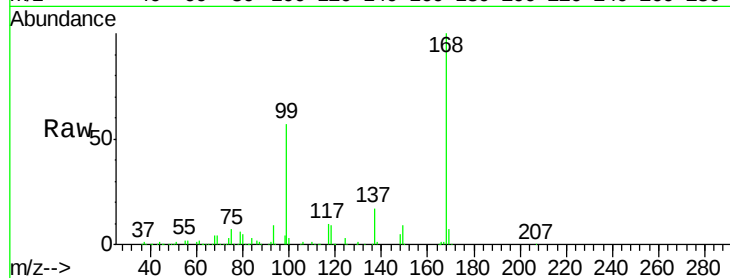
E-LGC-3

Tot Ion:168 Resp: 230808

Ion Ratio Lower Upper

168 100

99 56.6 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

80000

60000

40000

20000

0

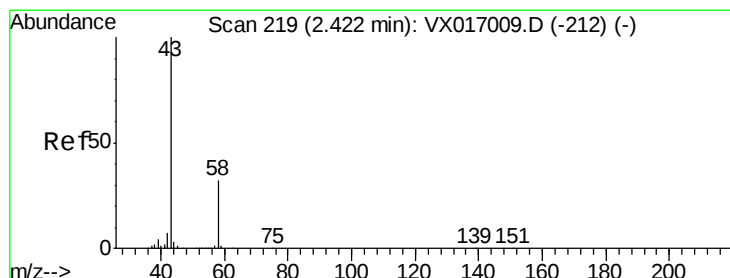
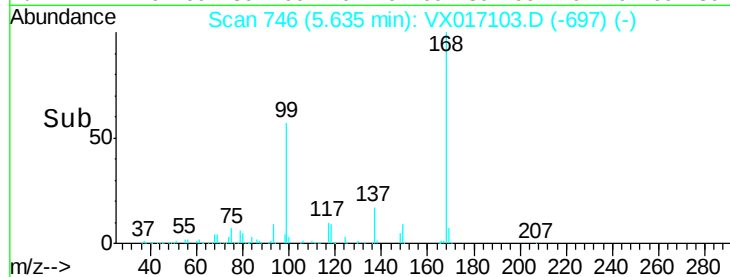
Time-->

5.50

5.60

5.70

5.80



#16

Acetone

Concen: 141.922 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017103.D

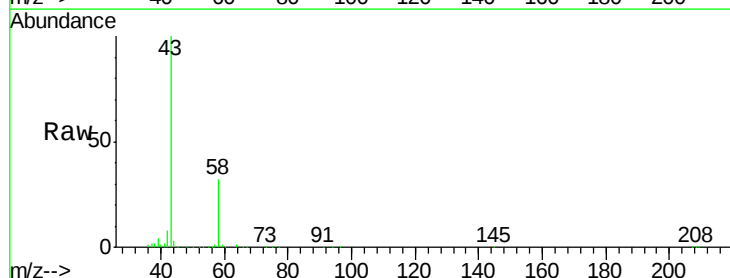
Acq: 01 Jul 2020 17:09

Tgt Ion: 43 Resp: 151067

Ion Ratio Lower Upper

43 100

58 31.9 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

100000

80000

60000

40000

20000

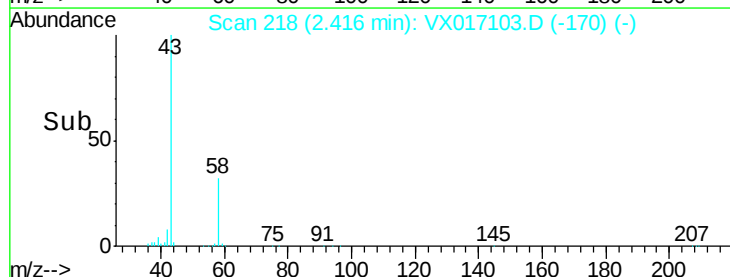
0

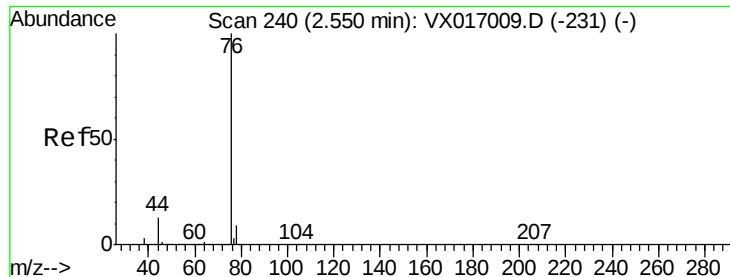
Time-->

2.30

2.40

2.50

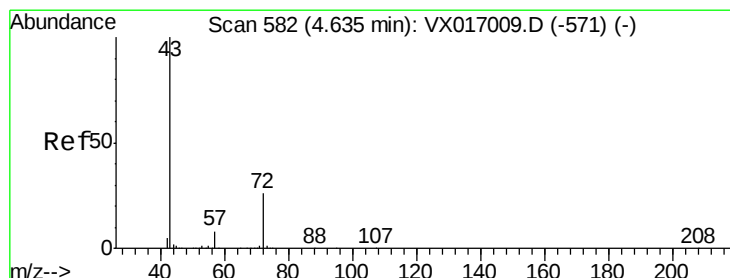
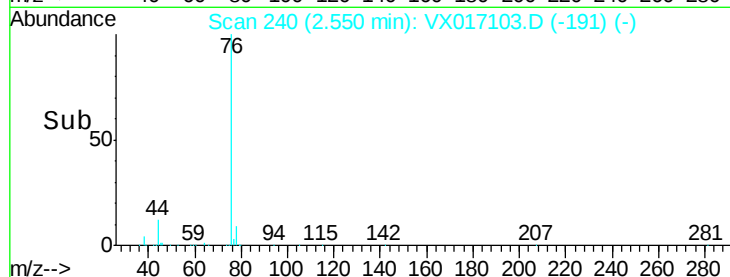
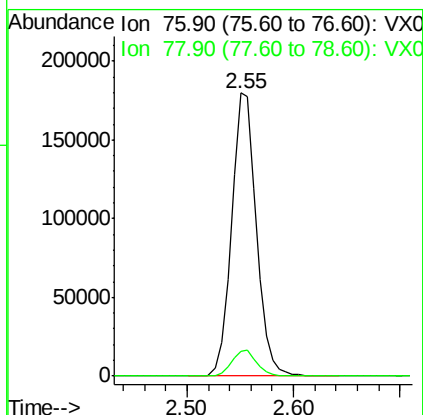
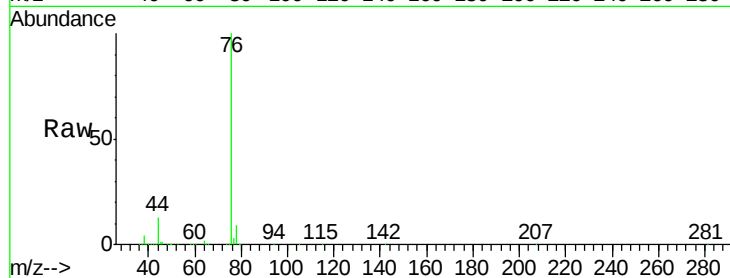




#17
Carbon Disulfide
Concen: 46.001 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017103.D
Acq: 01 Jul 2020 17:09

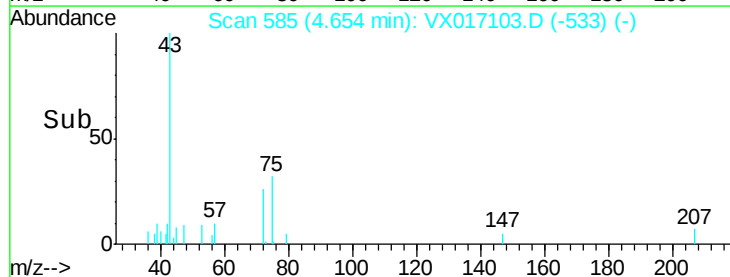
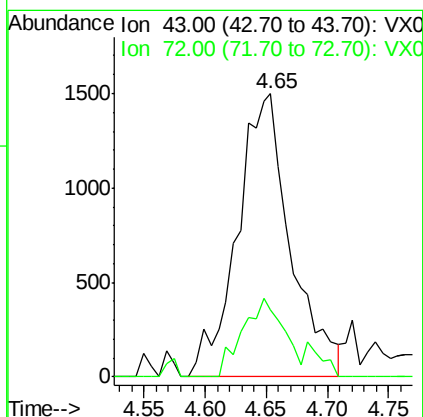
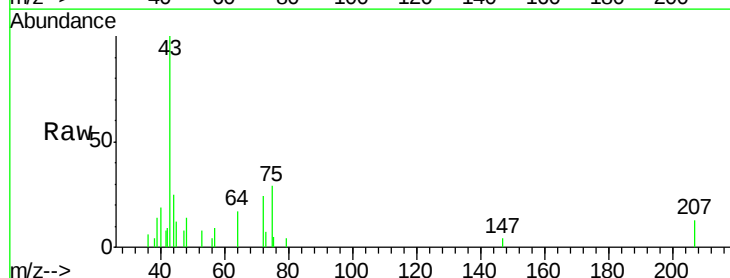
Instrument :
MSVOA_X
ClientSampleId :
E-LGC-3

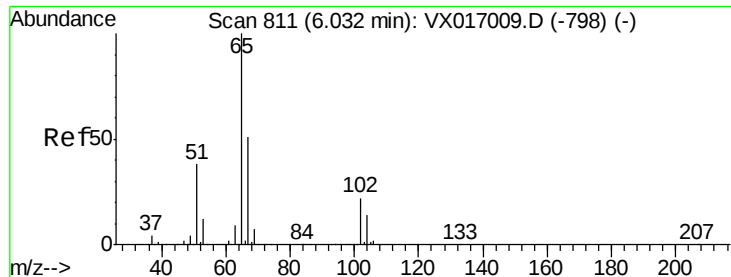
Tot Ion: 76 Resp: 293116
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#25
2-Butanone
Concen: 2.569 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.02 min
Lab File: VX017103.D
Acq: 01 Jul 2020 17:09

Tgt Ion: 43 Resp: 4557
Ion Ratio Lower Upper
43 100
72 23.6 20.8 31.2





#33

1,2-Dichloroethane-d4

Concen: 54.036 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017103.D

Acq: 01 Jul 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

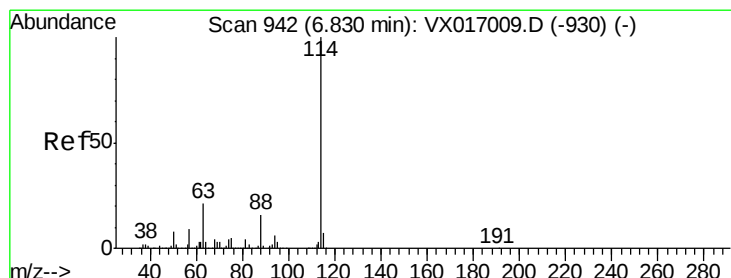
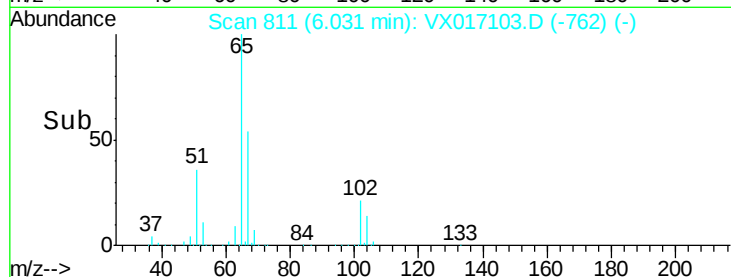
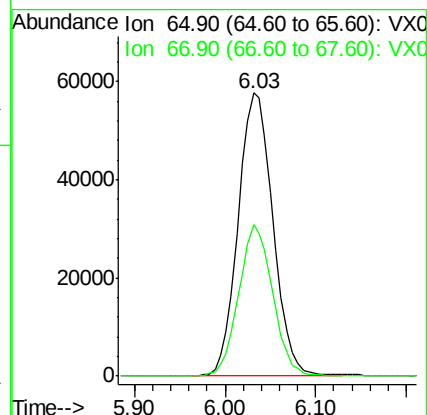
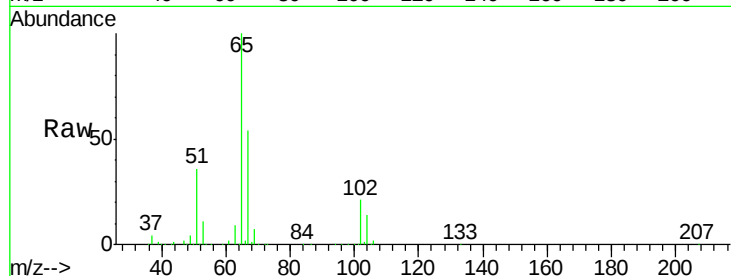
E-LGC-3

Tot Ion: 65 Resp: 153753

Ion Ratio Lower Upper

65 100

67 52.2 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: VX017103.D

Acq: 01 Jul 2020 17:09

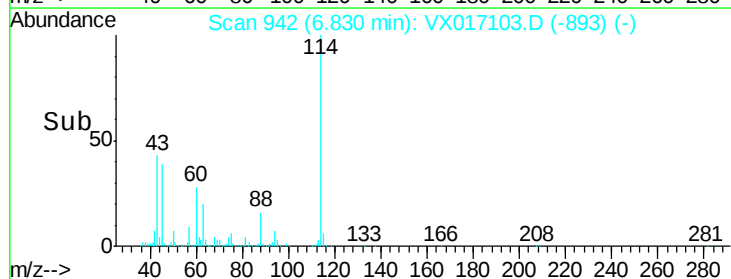
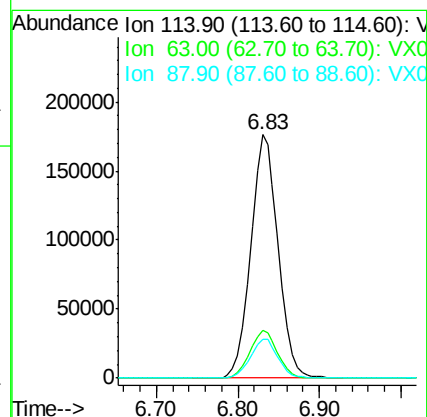
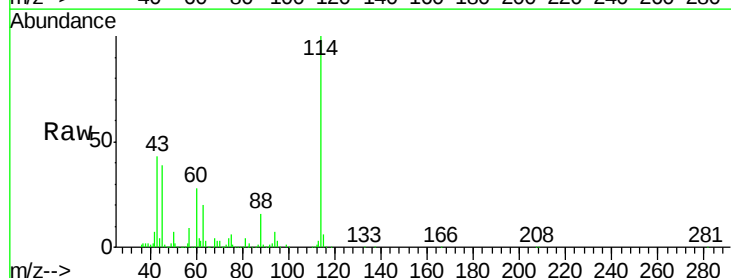
Tgt Ion: 114 Resp: 409430

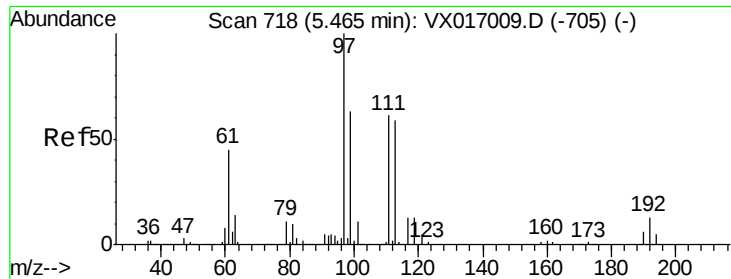
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

88 16.1 0.0 32.4

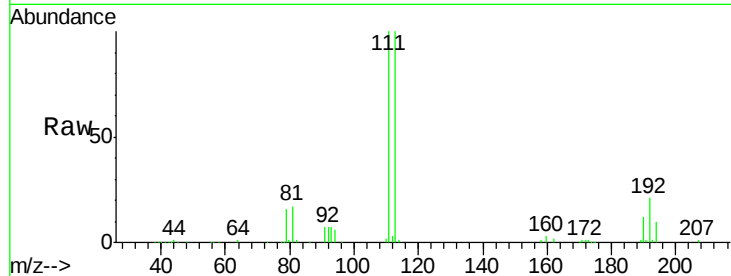




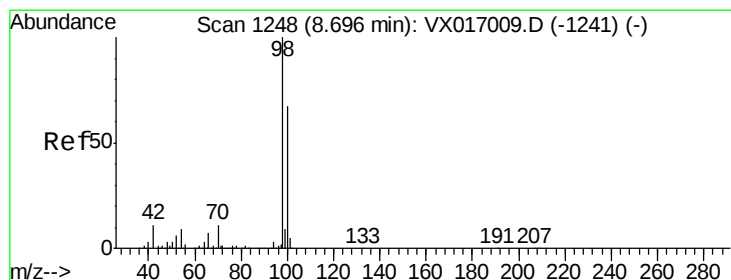
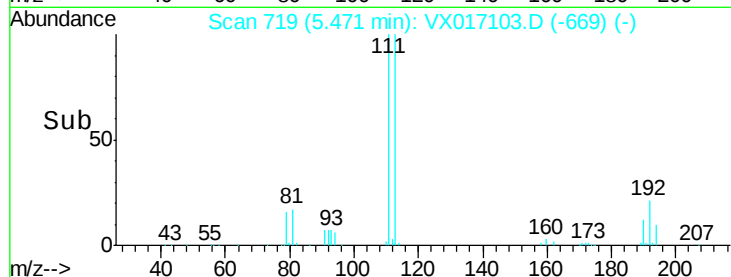
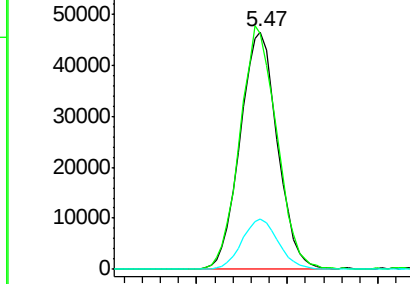
#35
Dibromofluoromethane
Concen: 51.146 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017103.D
Acq: 01 Jul 2020 17:09

Instrument :
MSVOA_X
ClientSampled :
E-LGC-3

Tot Ion:113 Resp: 132465
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 21.0 16.7 25.1

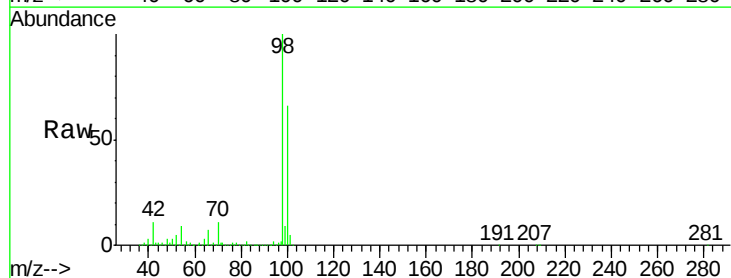


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

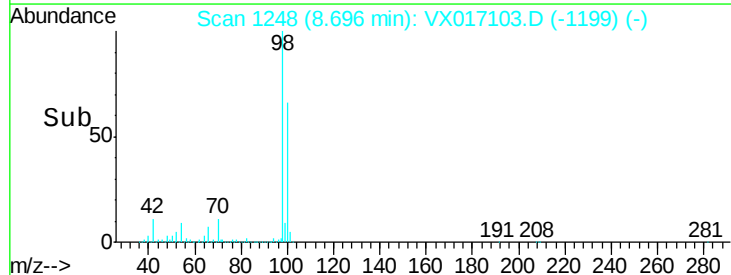
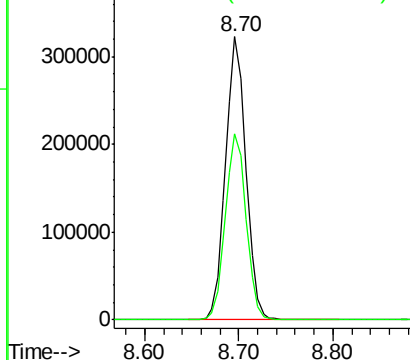


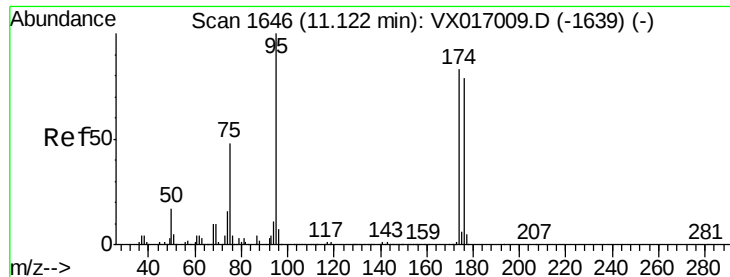
#50
Toluene-d8
Concen: 50.651 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017103.D
Acq: 01 Jul 2020 17:09

Tgt Ion: 98 Resp: 485086
Ion Ratio Lower Upper
98 100
100 66.9 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.825 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017103.D

Acq: 01 Jul 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

E-LGC-3

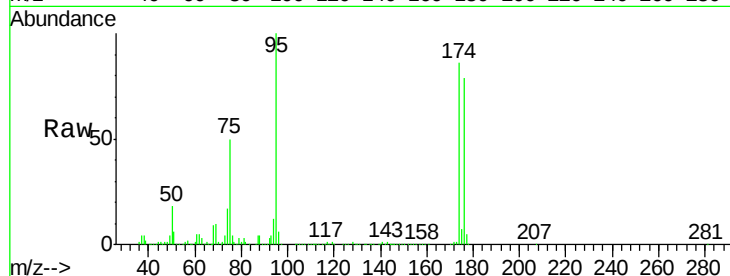
Tot Ion: 95 Resp: 205252

Ion Ratio Lower Upper

95 100

174 83.8 0.0 164.0

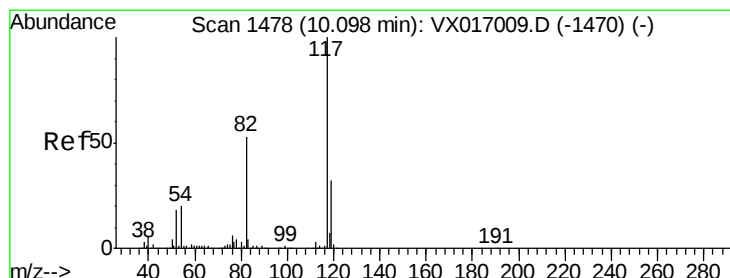
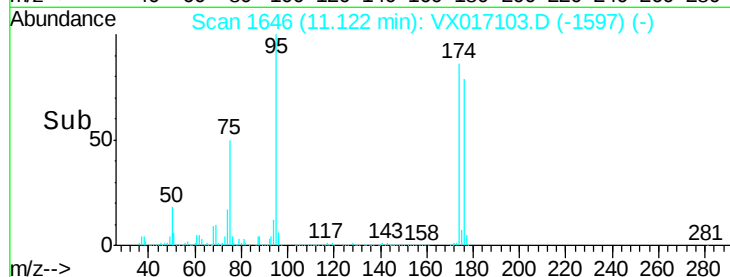
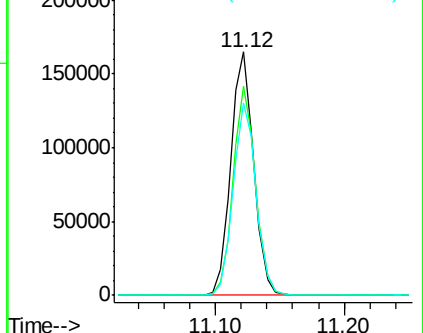
176 78.9 0.0 157.6



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: VX017103.D

Acq: 01 Jul 2020 17:09

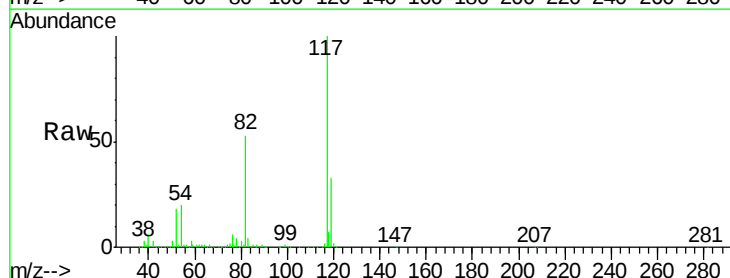
Tgt Ion: 117 Resp: 404824

Ion Ratio Lower Upper

117 100

82 53.3 42.6 63.8

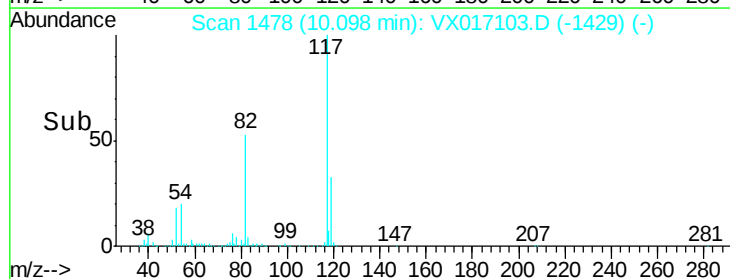
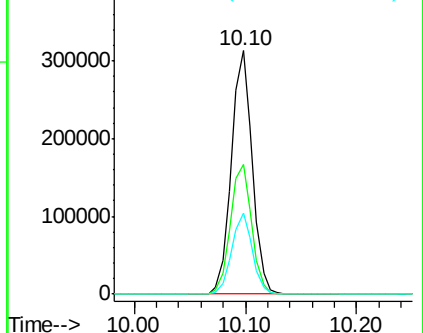
119 33.0 25.4 38.2

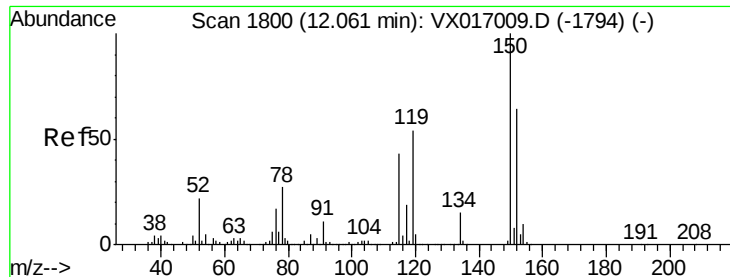


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX017103.D

Acq: 01 Jul 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

E-LGC-3

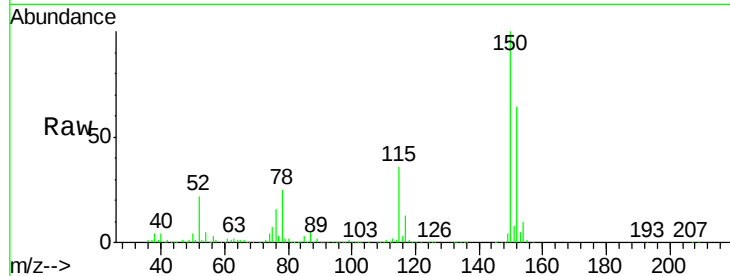
Tot Ion:152 Resp: 218397

Ion Ratio Lower Upper

152 100

115 57.2 40.9 122.7

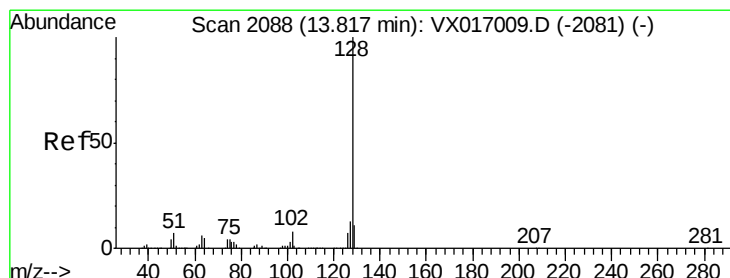
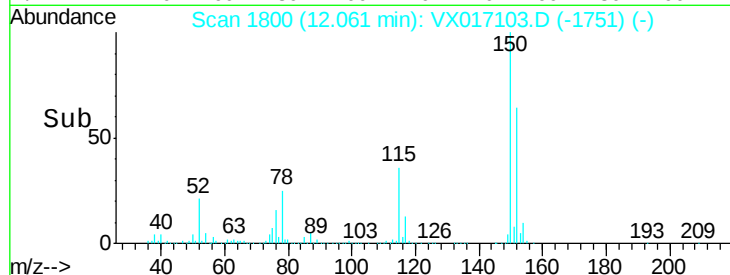
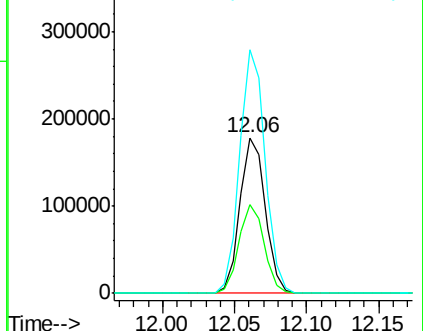
150 156.7 0.0 351.6



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: 0.353 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017103.D

Acq: 01 Jul 2020 17:09

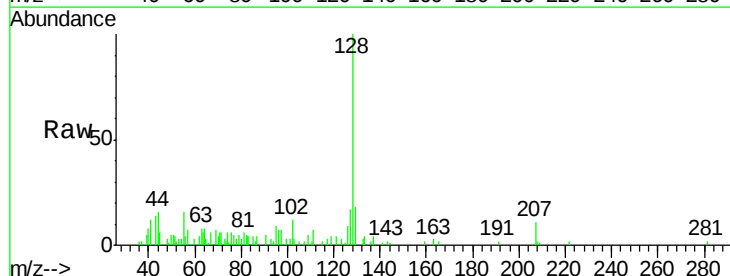
Tgt Ion:128 Resp: 4895

Ion Ratio Lower Upper

128 100

127 16.7 10.2 15.4#

129 21.0 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

