

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082020\
 Data File : VX018037.D
 Acq On : 20 Aug 2020 16:04
 Operator : JC/SP
 Sample : L3721-04DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E-LGC-6DL

Quant Time: Aug 21 02:15:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

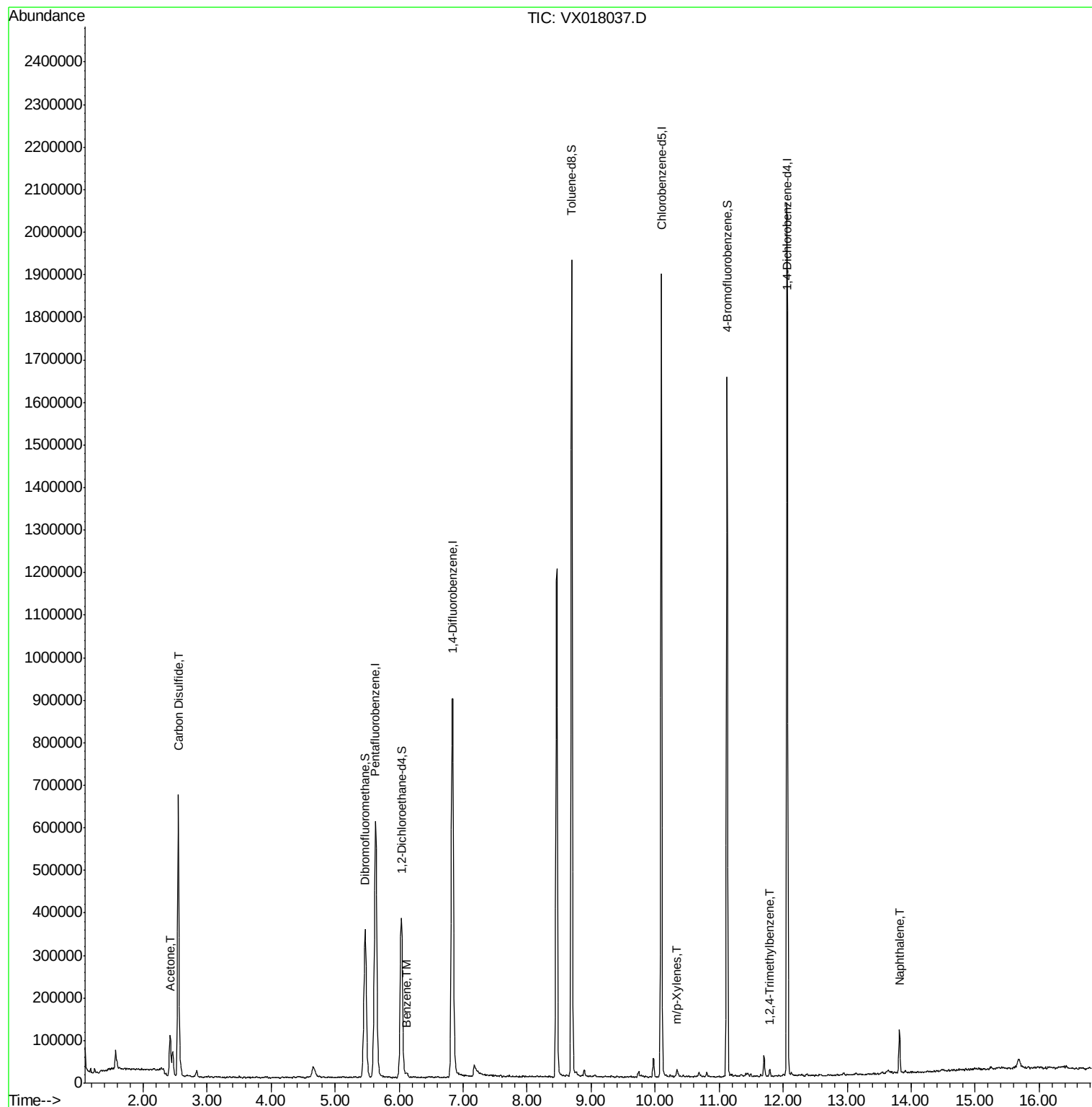
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	581192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	910493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	863761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	423881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	371841	43.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.28%	
35) Dibromofluoromethane	5.47	113	307952	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	
50) Toluene-d8	8.70	98	1151453	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.12	95	419902	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	105054	31.343	ug/l	100
17) Carbon Disulfide	2.55	76	809702	63.704	ug/l	100
40) Benzene	6.12	78	10952	0.477	ug/l #	90
68) m/p-Xylenes	10.34	106	3745	0.344	ug/l	93
84) 1,2,4-Trimethylbenzene	11.79	105	7356	0.297	ug/l	95
95) Naphthalene	13.82	128	60403	2.287	ug/l	98

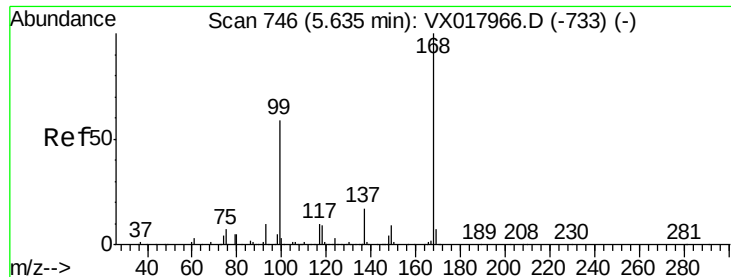
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 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: VX018037.D

Acq: 20 Aug 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

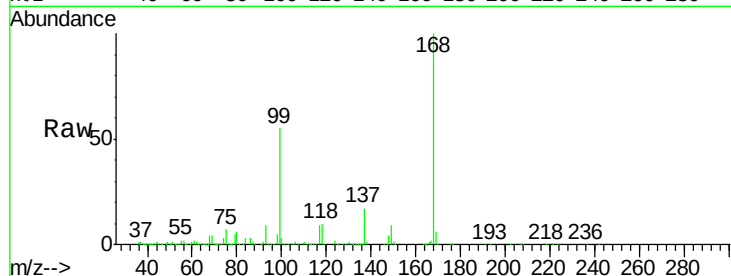
E-LGC-6DL

Tot Ion:168 Resp: 581192

Ion Ratio Lower Upper

168 100

99 55.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

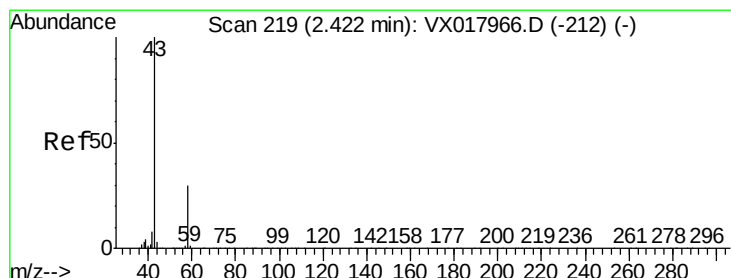
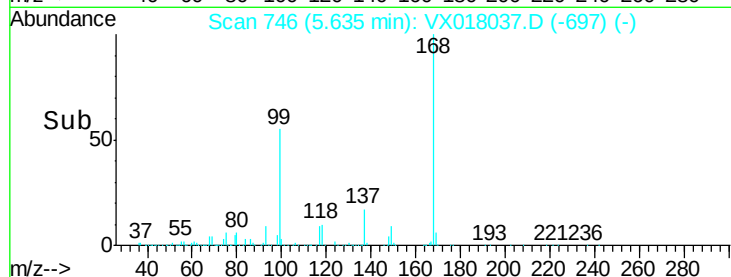
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 31.343 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018037.D

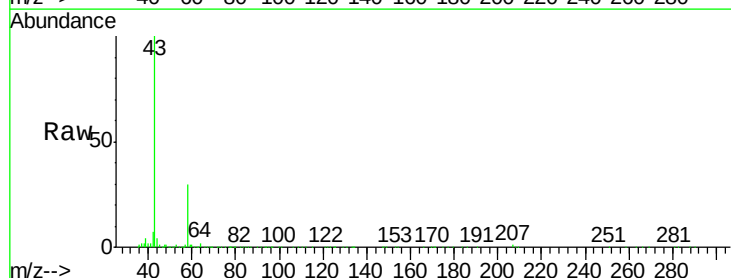
Acq: 20 Aug 2020 16:04

Tgt Ion: 43 Resp: 105054

Ion Ratio Lower Upper

43 100

58 30.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

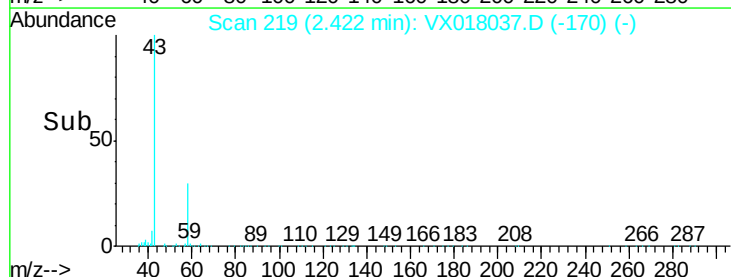
60000

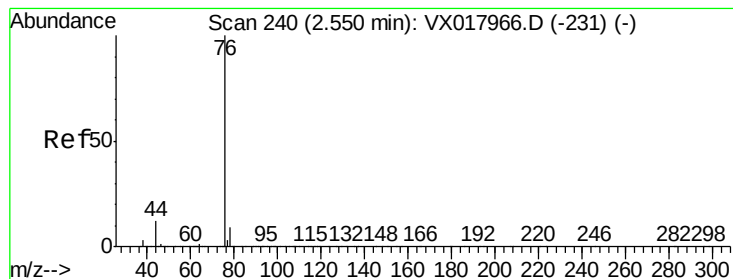
40000

20000

0

Time-->





#17

Carbon Disulfide

Concen: 63.704 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018037.D

Acq: 20 Aug 2020 16:04

Instrument :

MSVOA_X

ClientSampled :

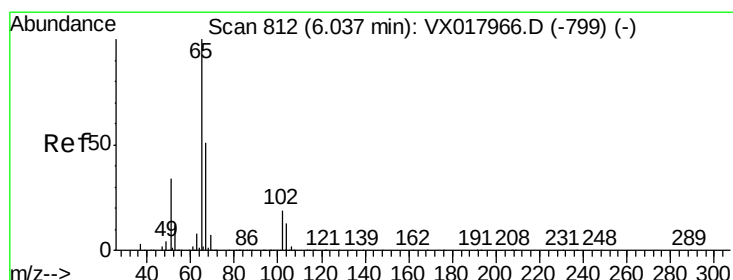
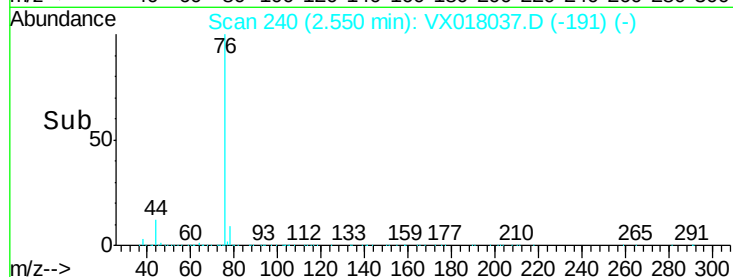
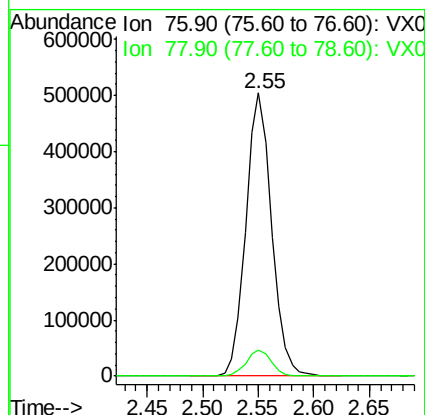
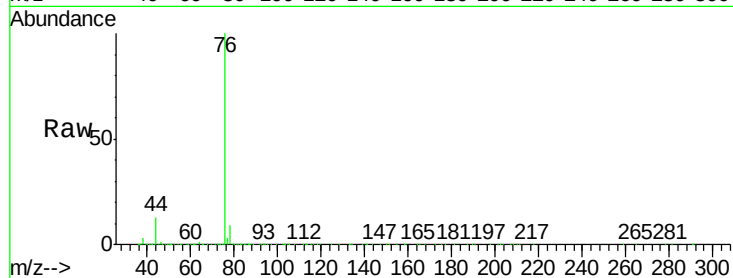
E-LGC-6DL

Tot Ion: 76 Resp: 809702

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#33

1,2-Dichloroethane-d4

Concen: 43.644 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX018037.D

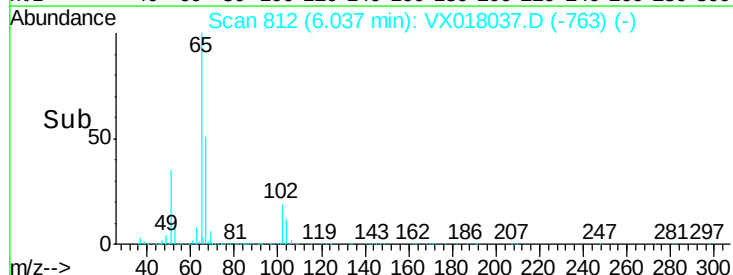
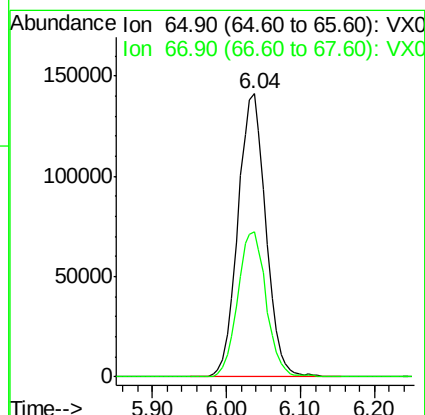
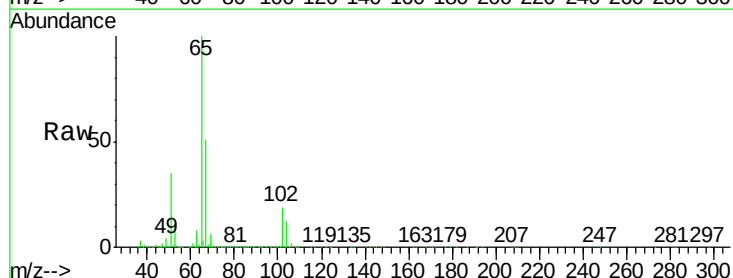
Acq: 20 Aug 2020 16:04

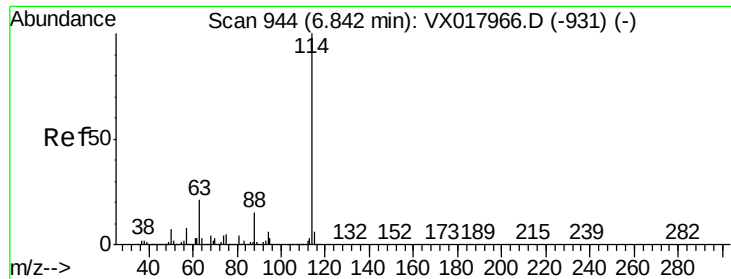
Tgt Ion: 65 Resp: 371841

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.01 min

Lab File: VX018037.D

Acq: 20 Aug 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

E-LGC-6DL

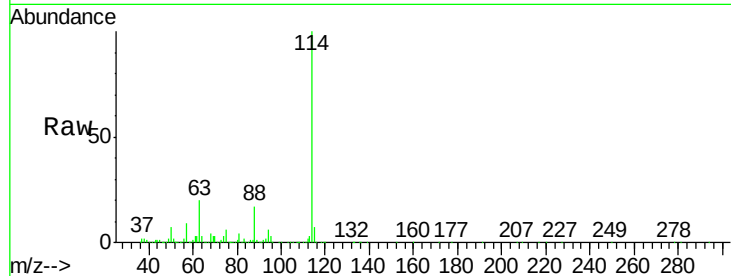
Tot Ion:114 Resp: 910493

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

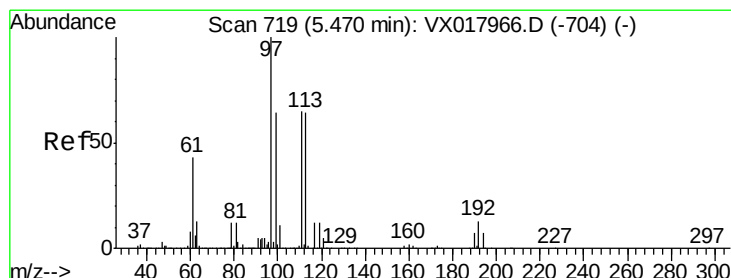
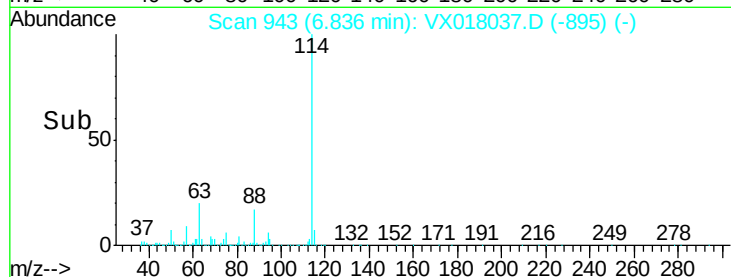
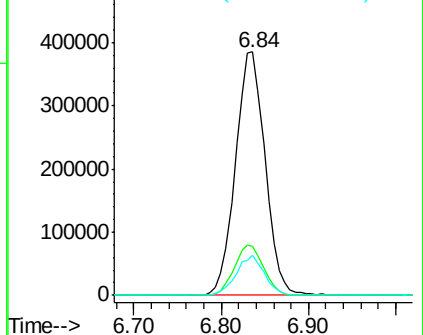
88 16.5 0.0 30.2



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: 45.419 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018037.D

Acq: 20 Aug 2020 16:04

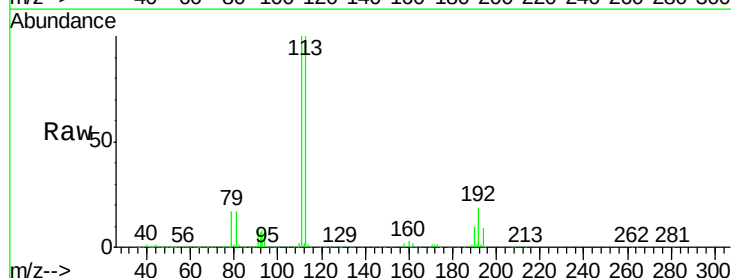
Tgt Ion:113 Resp: 307952

Ion Ratio Lower Upper

113 100

111 102.0 83.5 125.3

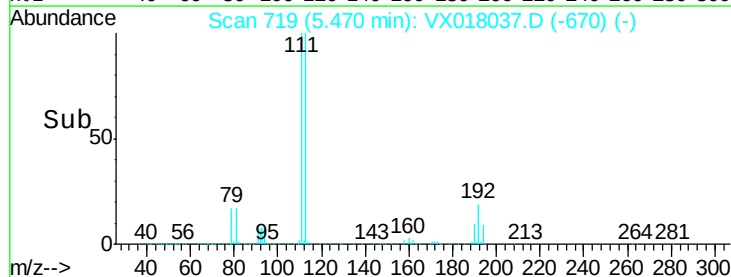
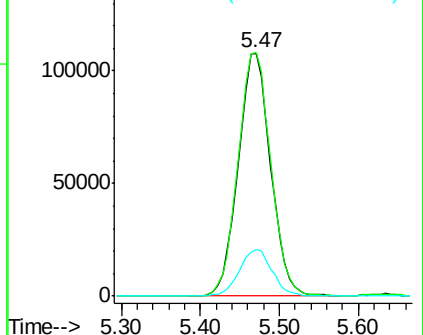
192 19.6 16.2 24.4

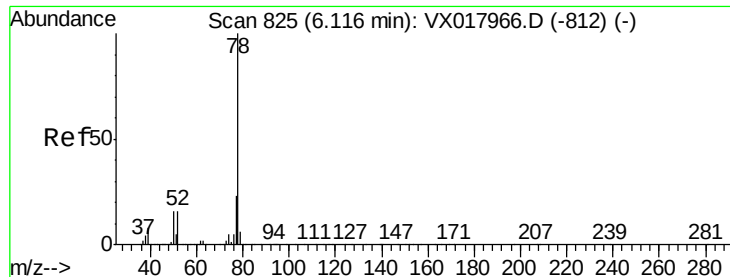


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.477 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX018037.D

Acq: 20 Aug 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

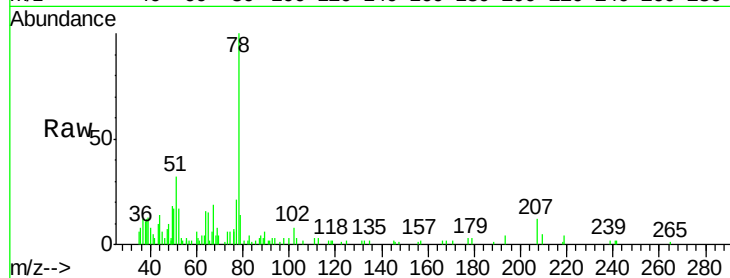
E-LGC-6DL

Tot Ion: 78 Resp: 10952

Ion Ratio Lower Upper

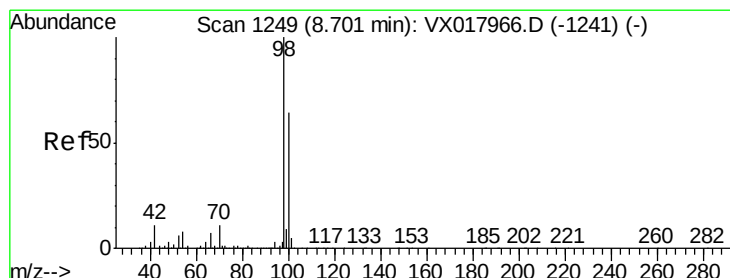
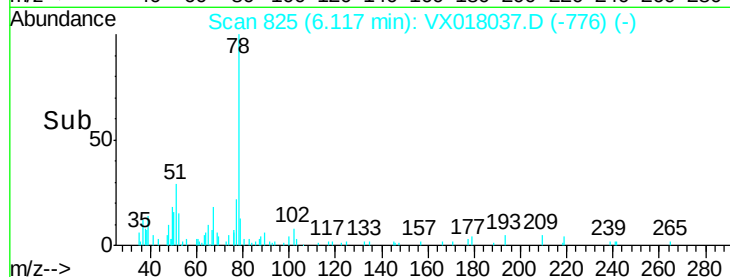
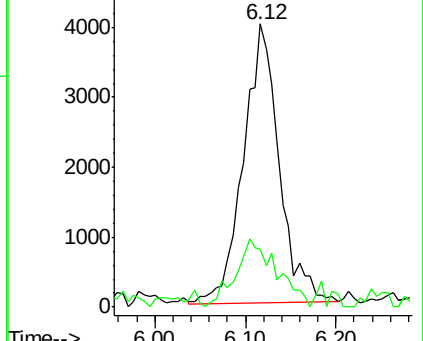
78 100

77 18.5 18.8 28.2#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 48.044 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX018037.D

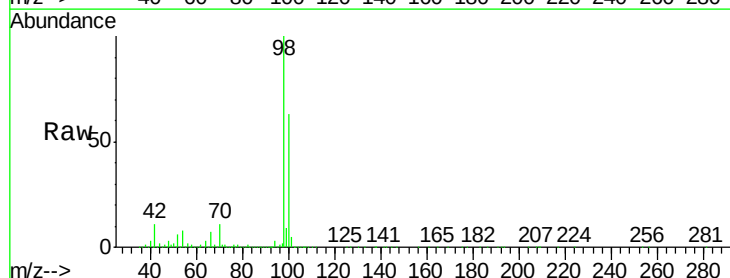
Acq: 20 Aug 2020 16:04

Tgt Ion: 98 Resp: 1151453

Ion Ratio Lower Upper

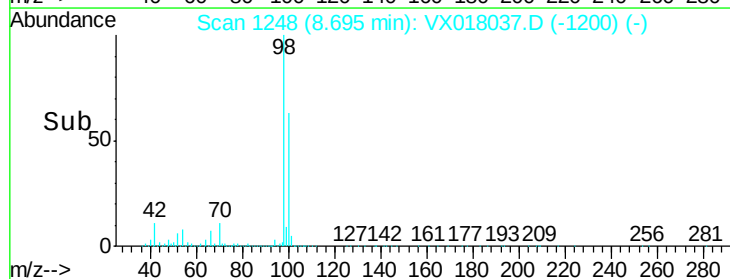
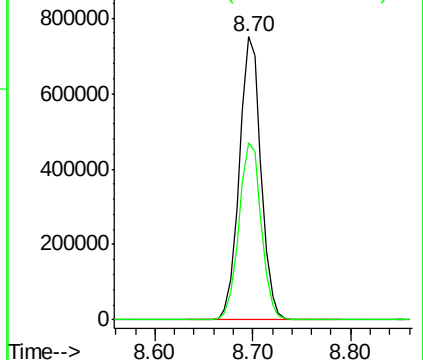
98 100

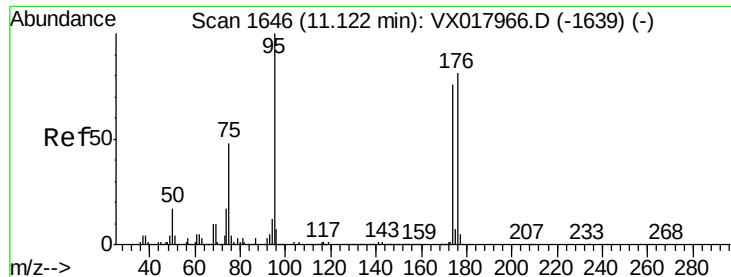
100 64.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.436 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018037.D

Acq: 20 Aug 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

E-LGC-6DL

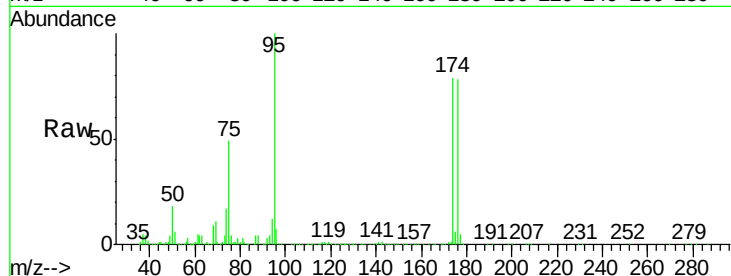
Tot Ion: 95 Resp: 419902

Ion Ratio Lower Upper

95 100

174 80.3 0.0 166.0

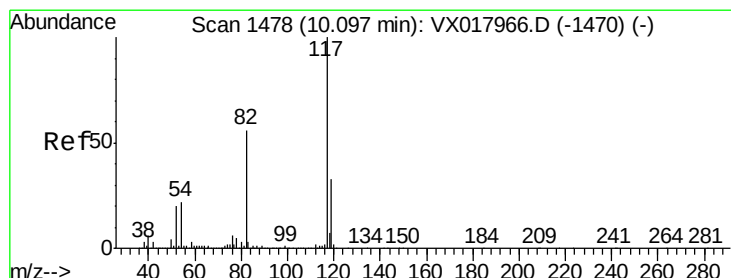
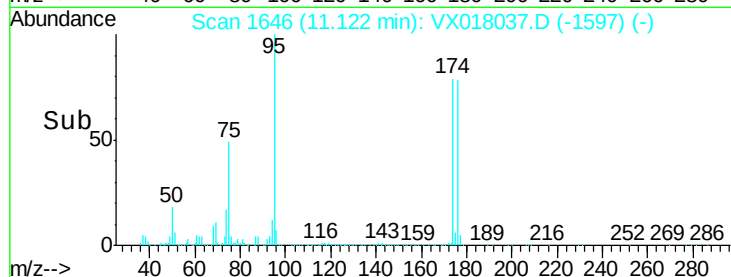
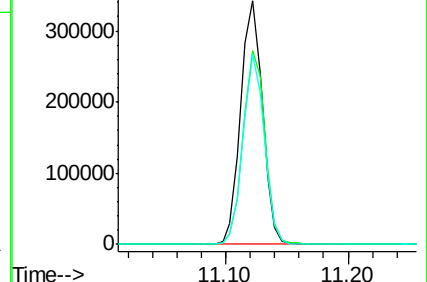
176 76.2 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX017966.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017966.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017966.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018037.D

Acq: 20 Aug 2020 16:04

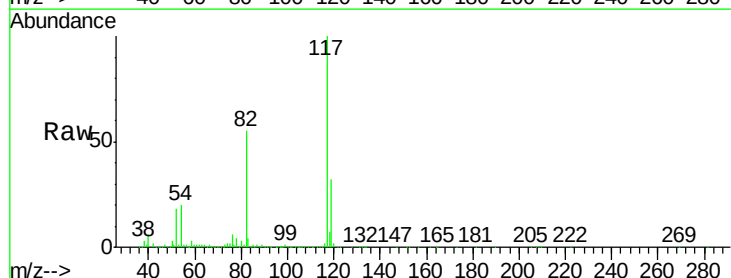
Tgt Ion: 117 Resp: 863761

Ion Ratio Lower Upper

117 100

82 55.3 44.6 66.8

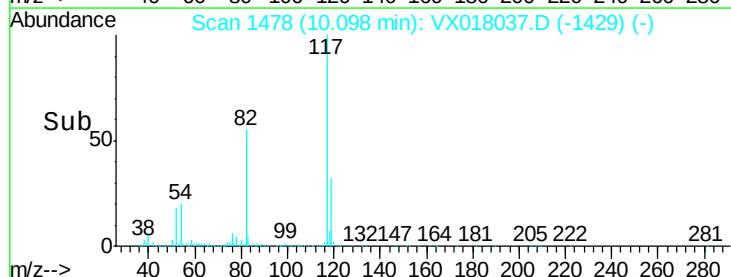
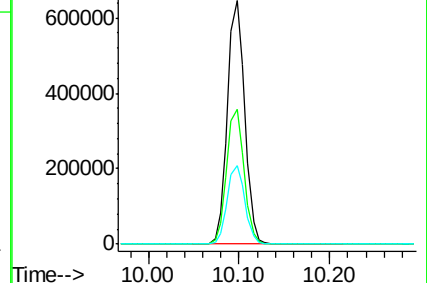
119 32.3 26.2 39.4

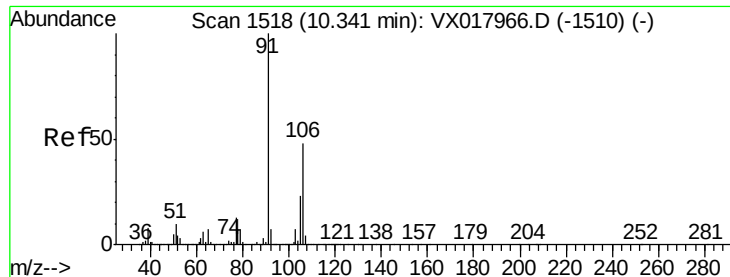


Abundance Ion 116.90 (116.60 to 117.60): VX017966.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX017966.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX017966.D (-1470) (-)





#68

m/p-Xvlenes

Concen: 0.344 ug/l

RT: 10.34 min Scan# 1517

Delta R.T. -0.01 min

Lab File: VX018037.D

Acq: 20 Aug 2020 16:04

Instrument :

MSVOA_X

ClientSampled :

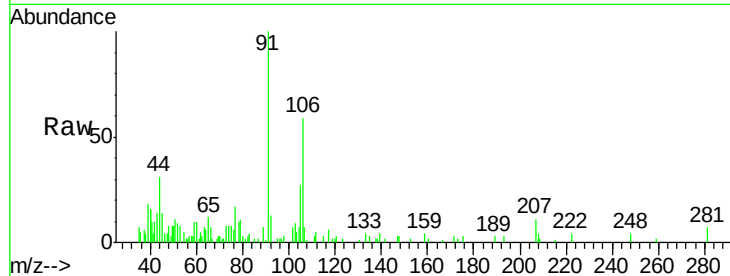
E-LGC-6DL

Tot Ion:106 Resp: 3745

Ion Ratio Lower Upper

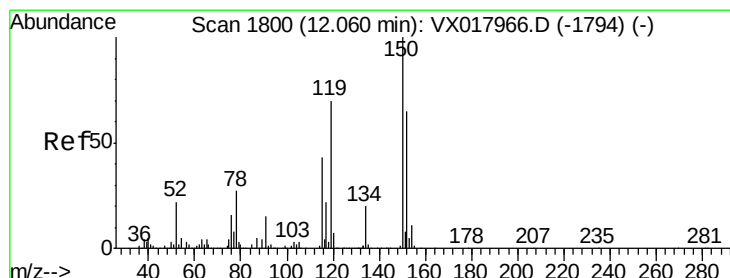
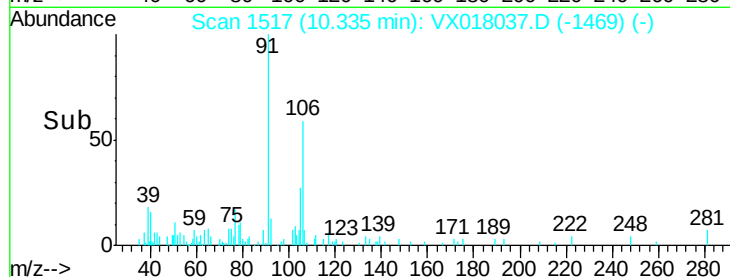
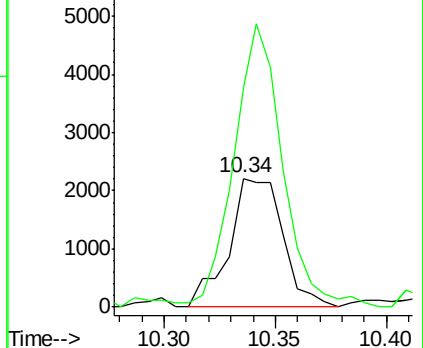
106 100

91 197.8 167.4 251.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): 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: VX018037.D

Acq: 20 Aug 2020 16:04

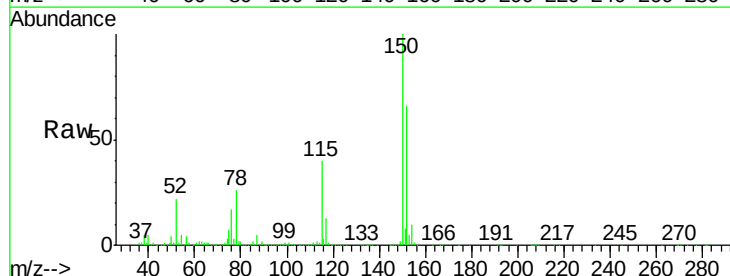
Tgt Ion:152 Resp: 423881

Ion Ratio Lower Upper

152 100

115 59.0 40.6 121.7

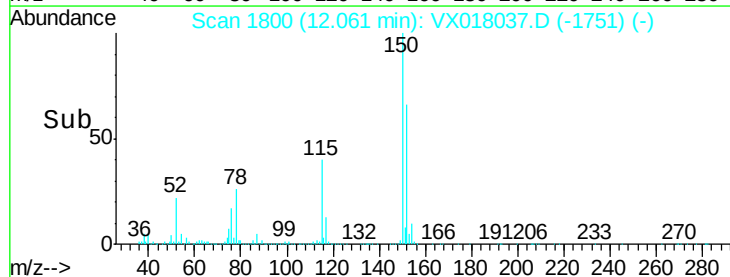
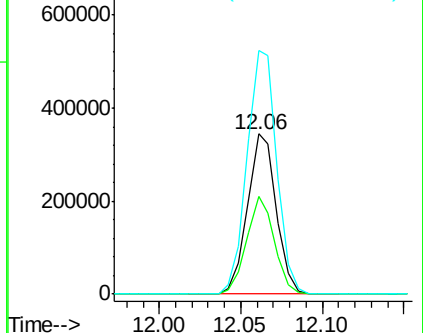
150 157.2 0.0 346.4

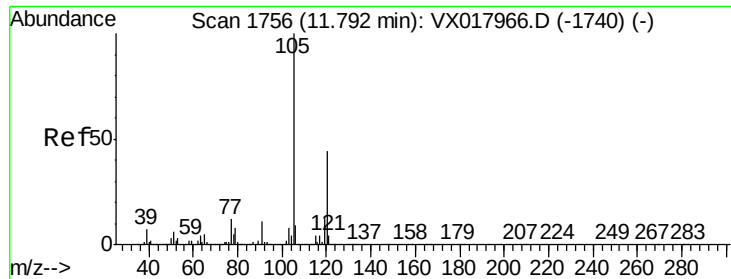


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

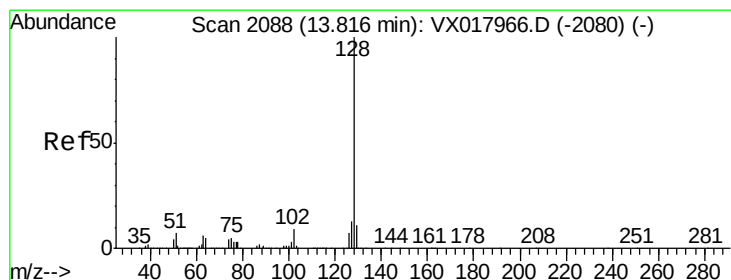
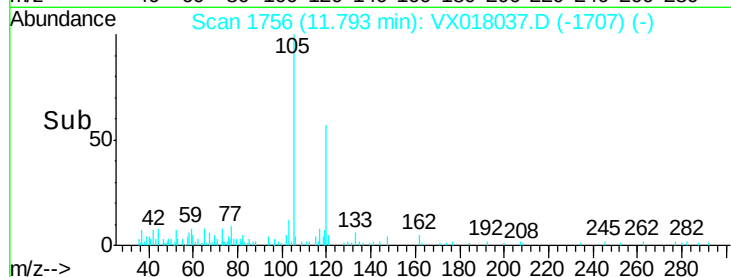
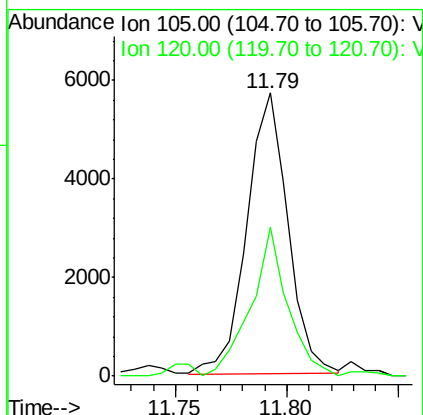
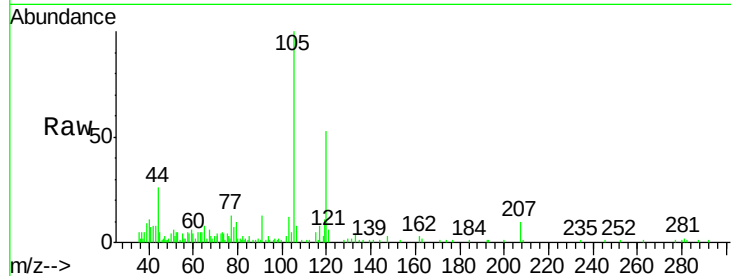




#84
 1,2,4-Trimethylbenzene
 Concen: 0.297 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018037.D
 Acq: 20 Aug 2020 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 E-LGC-6DL

Tot Ion:105 Resp: 7356
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.1 66.1



#95
 Naphthalene
 Concen: 2.287 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX018037.D
 Acq: 20 Aug 2020 16:04

Tgt Ion:128 Resp: 60403
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.7 16.1
 129 12.1 8.6 13.0

