

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
 Data File : VX016468.D
 Acq On : 28 May 2020 00:02
 Operator : JC/SP
 Sample : L2786-02 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LG-C

Quant Time: May 28 05:05:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

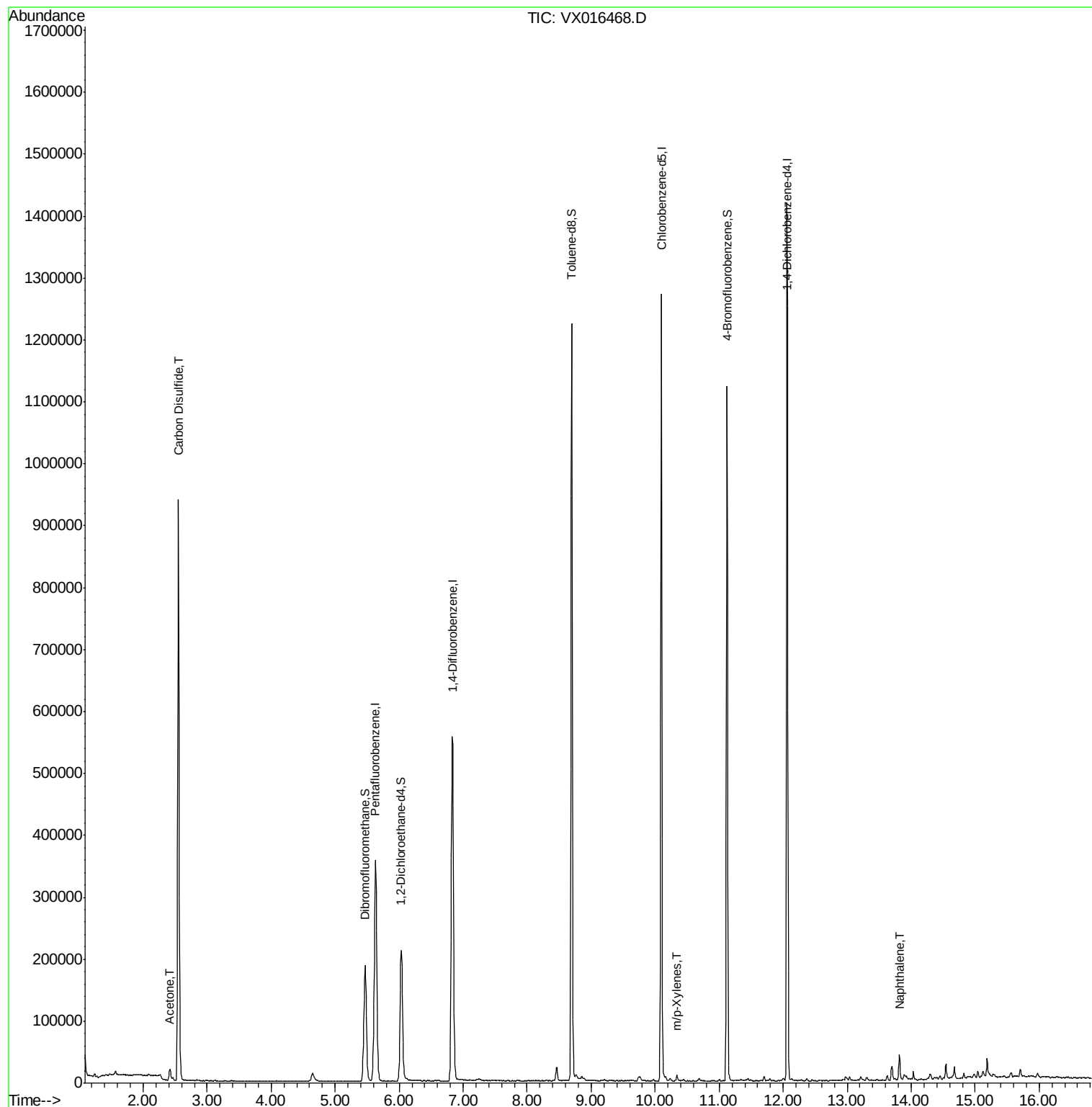
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	352330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	568643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	578513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	298208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	201947	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.30%	
35) Dibromofluoromethane	5.47	113	162723	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	8.70	98	708261	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	11.12	95	296009	56.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.42%	
Target Compounds						
16) Acetone	2.42	43	19346	10.092	ug/l	99
17) Carbon Disulfide	2.55	76	1168665	116.082	ug/l	99
68) m/p-Xylenes	10.34	106	2070	0.266	ug/l	99
95) Naphthalene	13.82	128	23134	1.117	ug/l	99

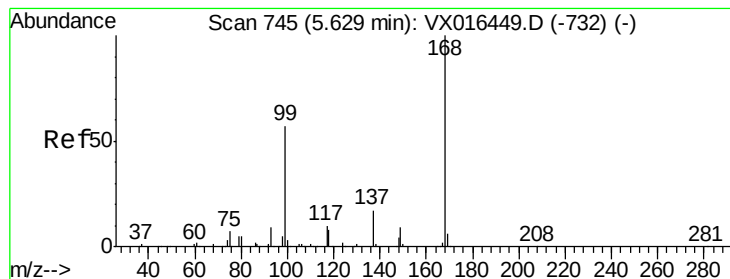
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016468.D

Acq: 28 May 2020 00:02

Instrument :

MSVOA_X

ClientSampleId :

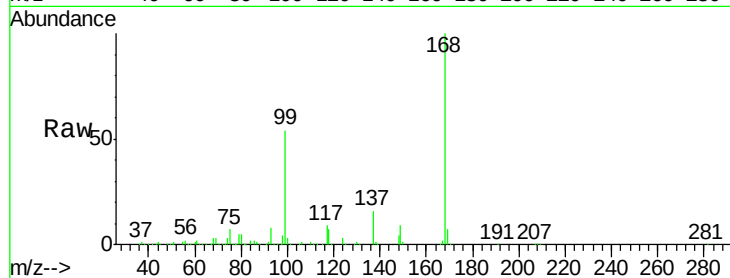
LG-C

Tot Ion:168 Resp: 352330

Ion Ratio Lower Upper

168 100

99 53.7 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

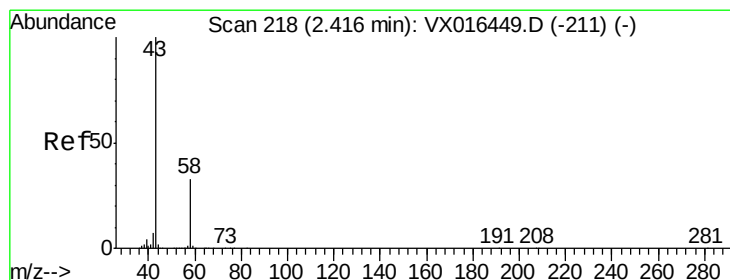
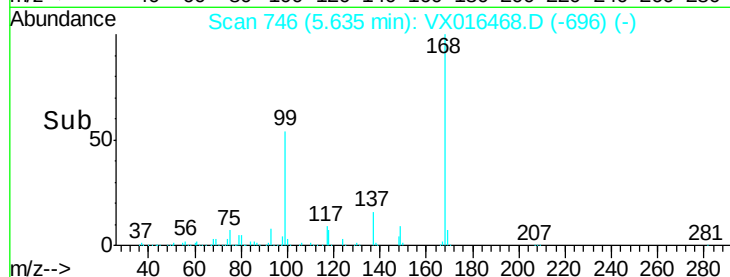
100000

50000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 10.092 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016468.D

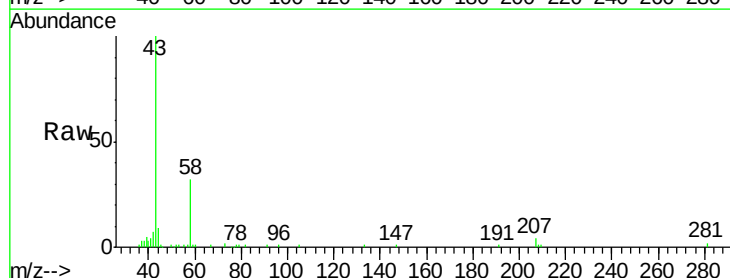
Acq: 28 May 2020 00:02

Tgt Ion: 43 Resp: 19346

Ion Ratio Lower Upper

43 100

58 32.2 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

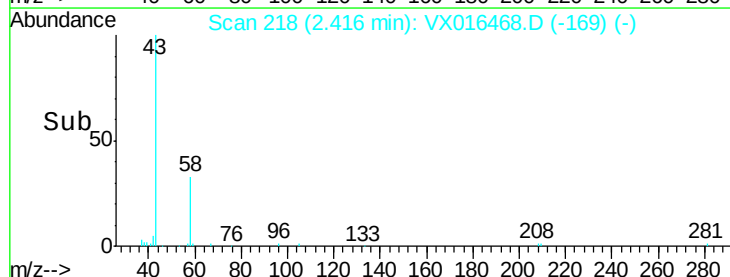
10000

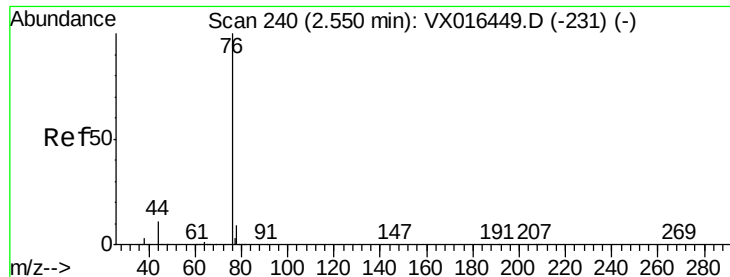
5000

0

Time-->

2.35 2.40 2.45





#17

Carbon Disulfide

Concen: 116.082 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016468.D

Acq: 28 May 2020 00:02

Instrument :

MSVOA_X

ClientSampleId :

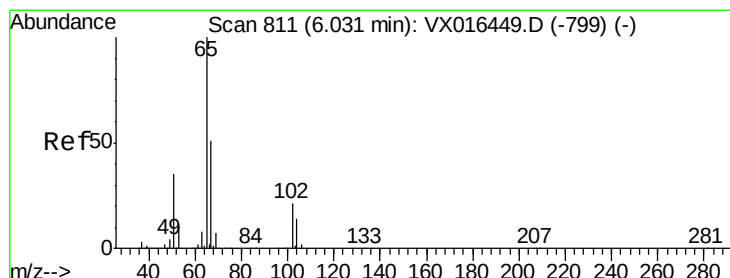
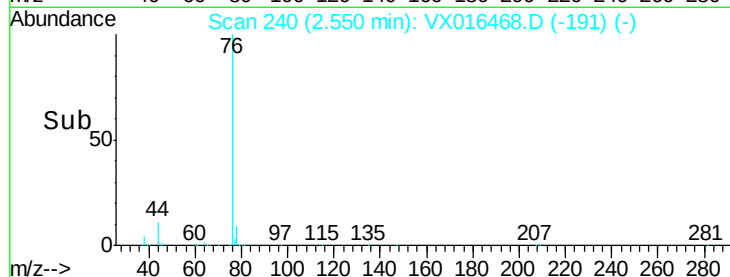
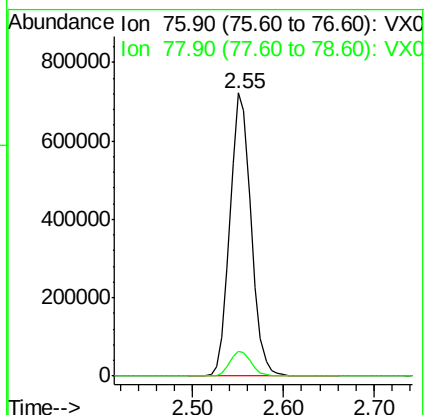
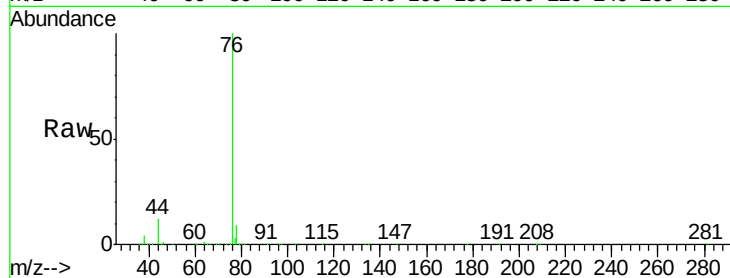
LG-C

Tot Ion: 76 Resp: 1168665

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



#33

1,2-Dichloroethane-d4

Concen: 46.154 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016468.D

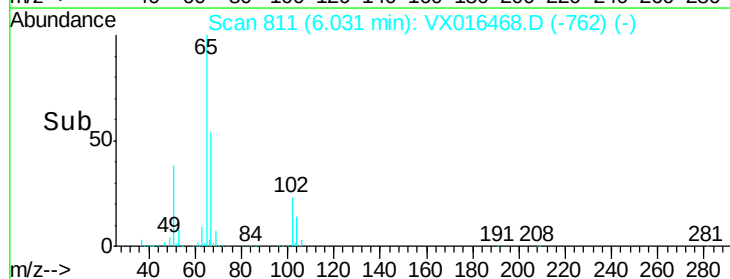
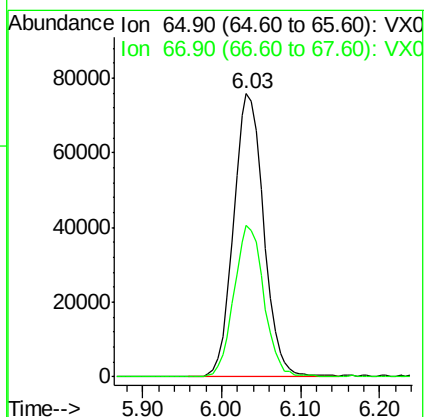
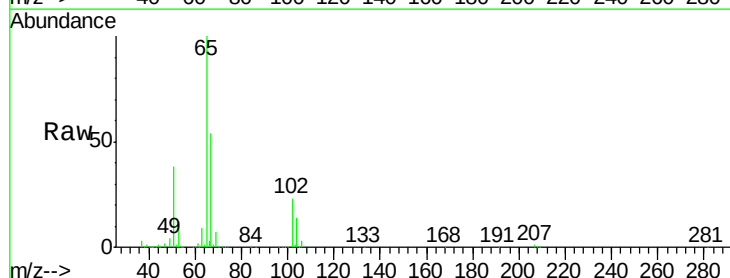
Acq: 28 May 2020 00:02

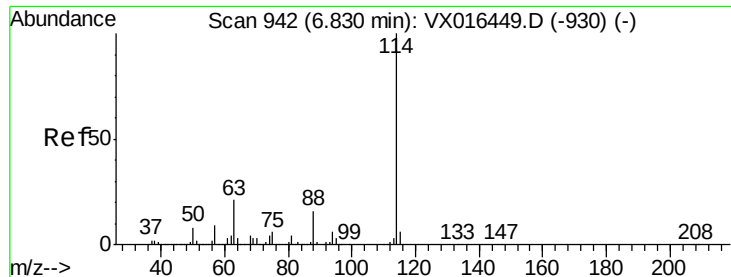
Tgt Ion: 65 Resp: 201947

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016468.D

Acq: 28 May 2020 00:02

Instrument :

MSVOA_X

ClientSampleId :

LG-C

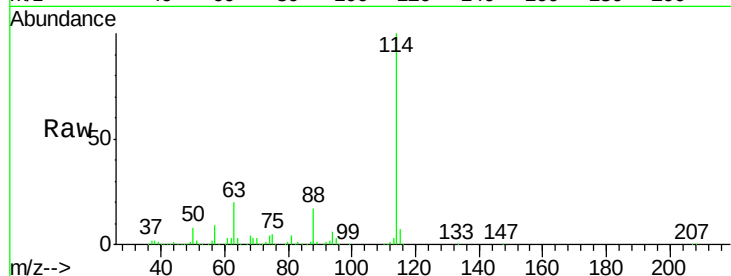
Tot Ion:114 Resp: 568643

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

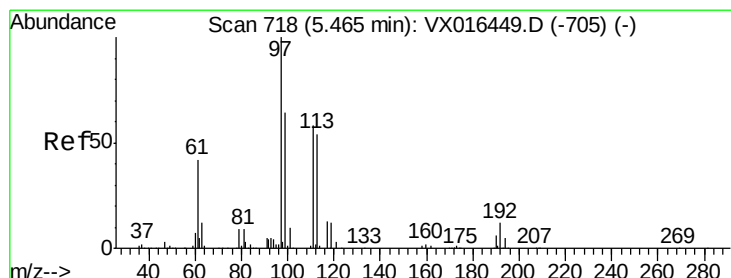
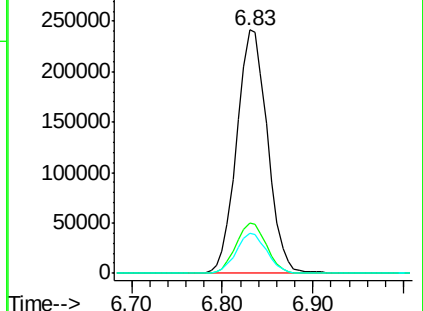
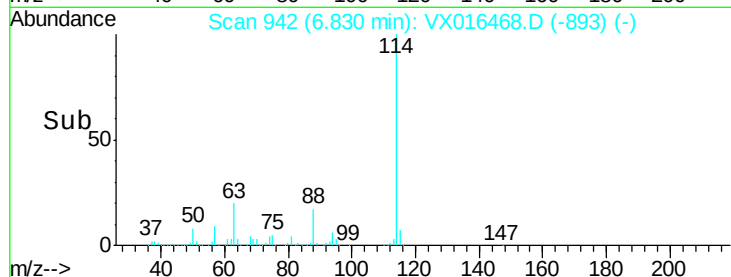
88 16.7 0.0 32.8



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: 46.474 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016468.D

Acq: 28 May 2020 00:02

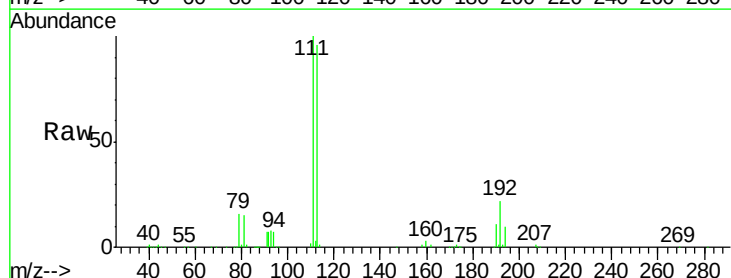
Tgt Ion:113 Resp: 162723

Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.6

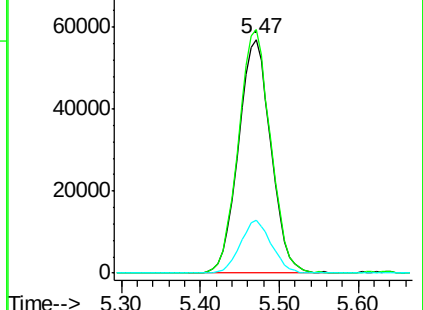
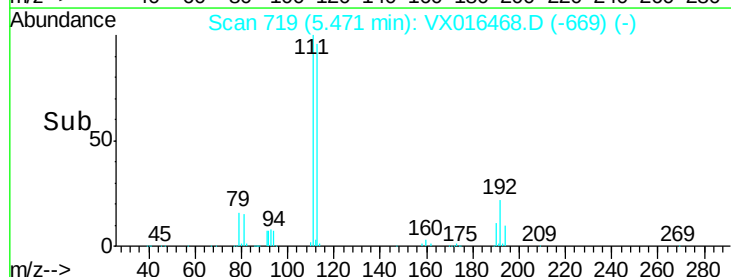
192 21.8 17.7 26.5

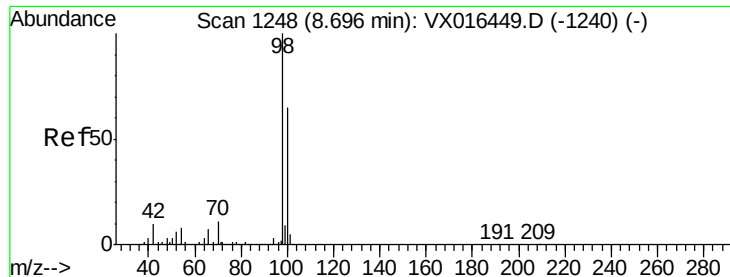


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.970 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016468.D

Acq: 28 May 2020 00:02

Instrument :

MSVOA_X

ClientSampled :

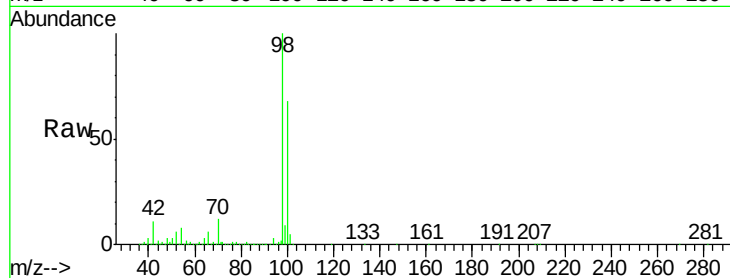
LG-C

Tot Ion: 98 Resp: 708261

Ion Ratio Lower Upper

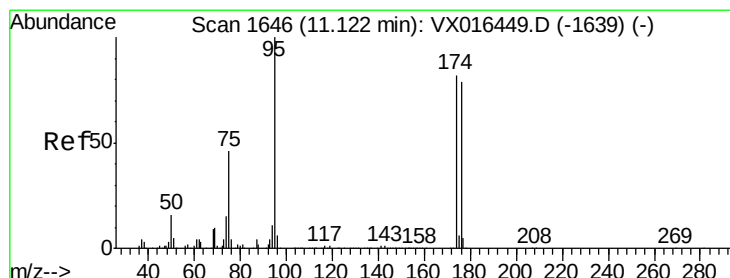
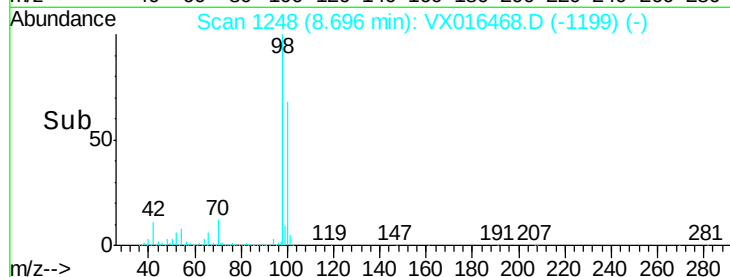
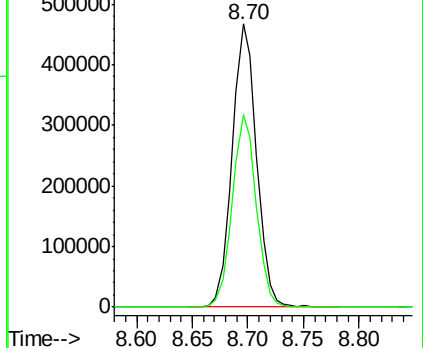
98 100

100 66.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 56.212 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016468.D

Acq: 28 May 2020 00:02

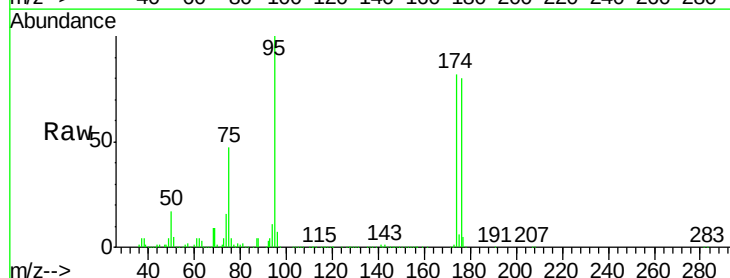
Tgt Ion: 95 Resp: 296009

Ion Ratio Lower Upper

95 100

174 80.7 0.0 163.0

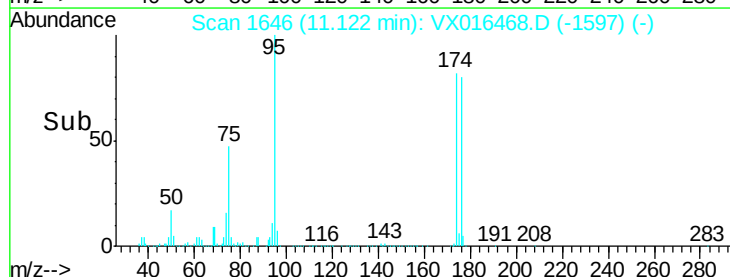
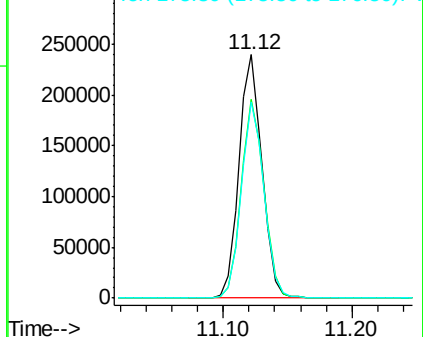
176 79.3 0.0 156.8

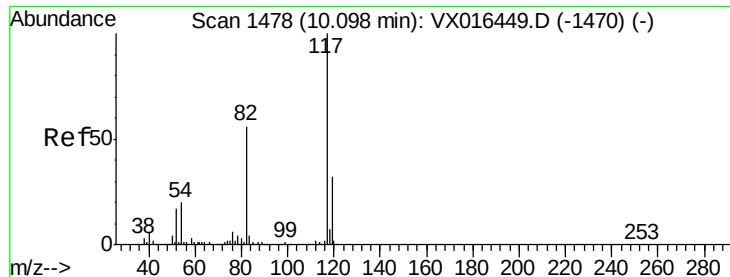


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX016468.D

Acq: 28 May 2020 00:02

Instrument :

MSVOA_X

ClientSampled :

LG-C

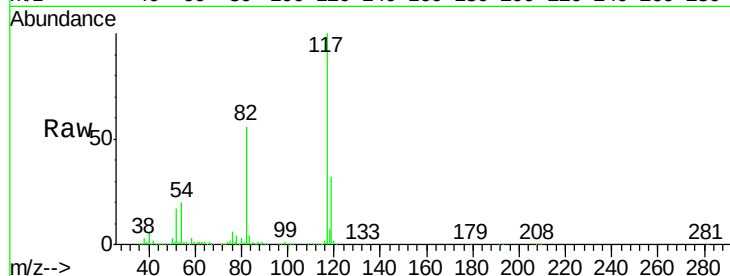
Tot Ion:117 Resp: 578513

Ion Ratio Lower Upper

117 100

82 56.2 45.0 67.6

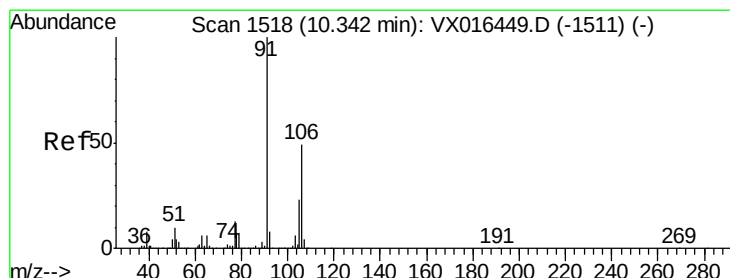
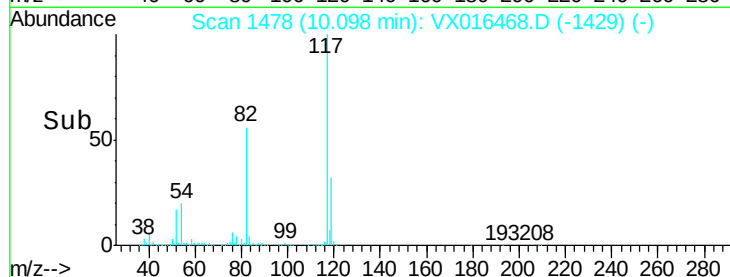
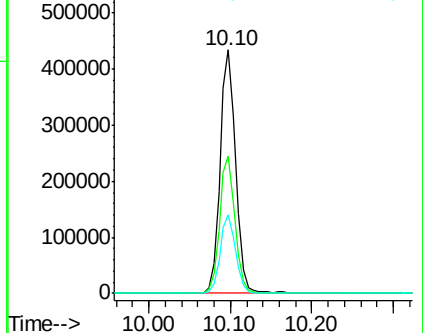
119 32.4 25.8 38.8



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



#68

m/p-Xylenes

Concen: 0.266 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016468.D

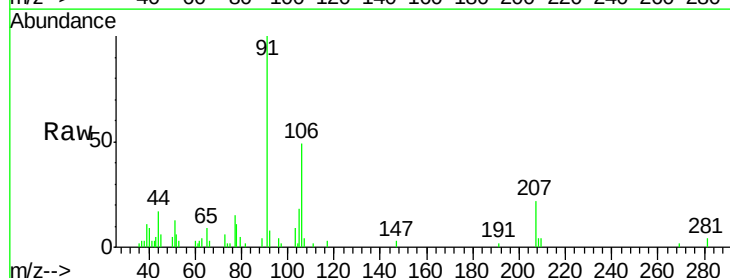
Acq: 28 May 2020 00:02

Tgt Ion:106 Resp: 2070

Ion Ratio Lower Upper

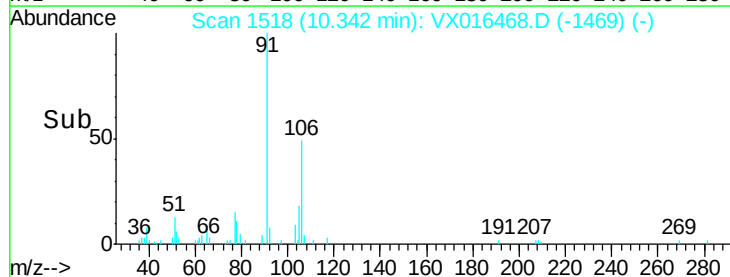
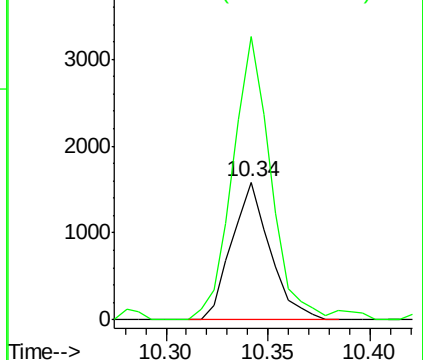
106 100

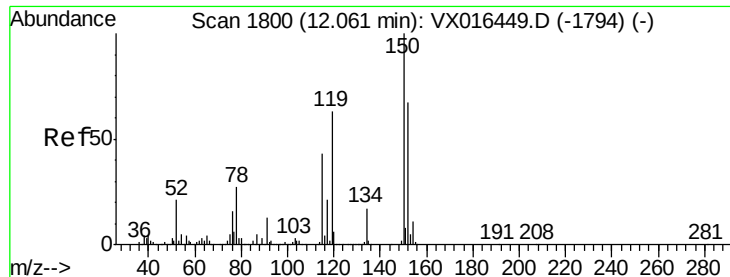
91 203.1 163.8 245.8



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: VX016468.D

Acq: 28 May 2020 00:02

Instrument :

MSVOA_X

ClientSampled :

LG-C

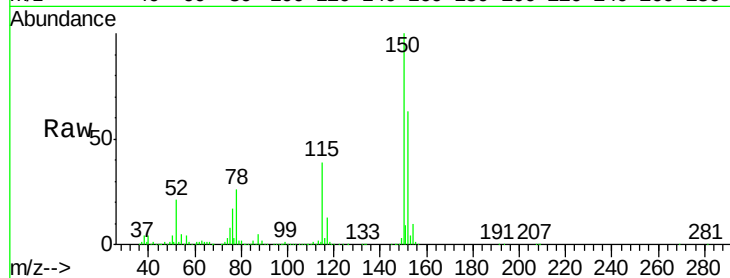
Tot Ion:152 Resp: 298208

Ion Ratio Lower Upper

152 100

115 59.4 39.9 119.6

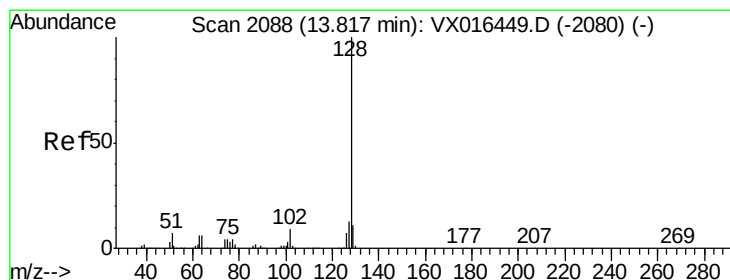
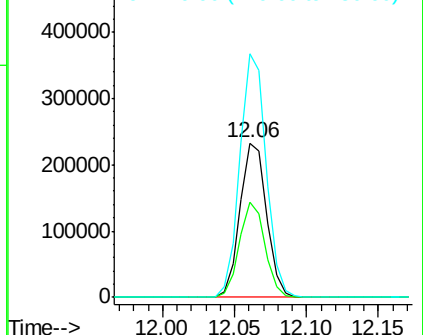
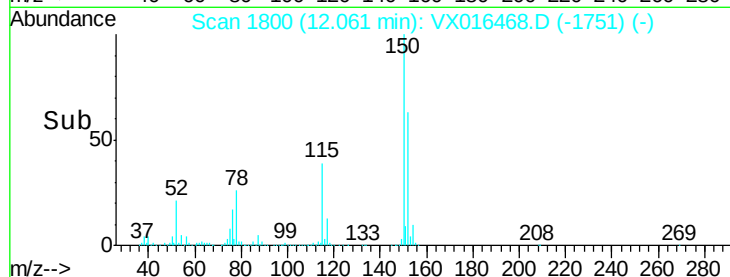
150 156.3 0.0 341.0



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: 1.117 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016468.D

Acq: 28 May 2020 00:02

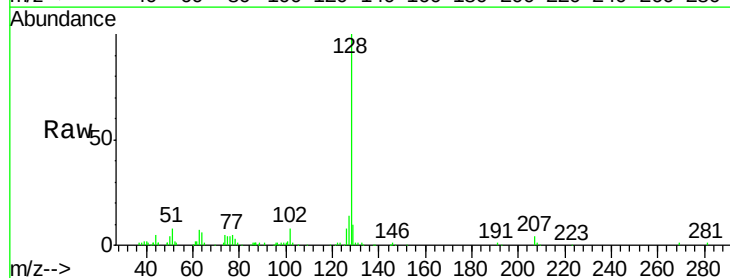
Tgt Ion:128 Resp: 23134

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.6 8.6 13.0



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

