

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
 Data File : VX017407.D
 Acq On : 16 Jul 2020 21:24
 Operator : JC/SP
 Sample : L3328-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ERM-7

Quant Time: Jul 17 02:48:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

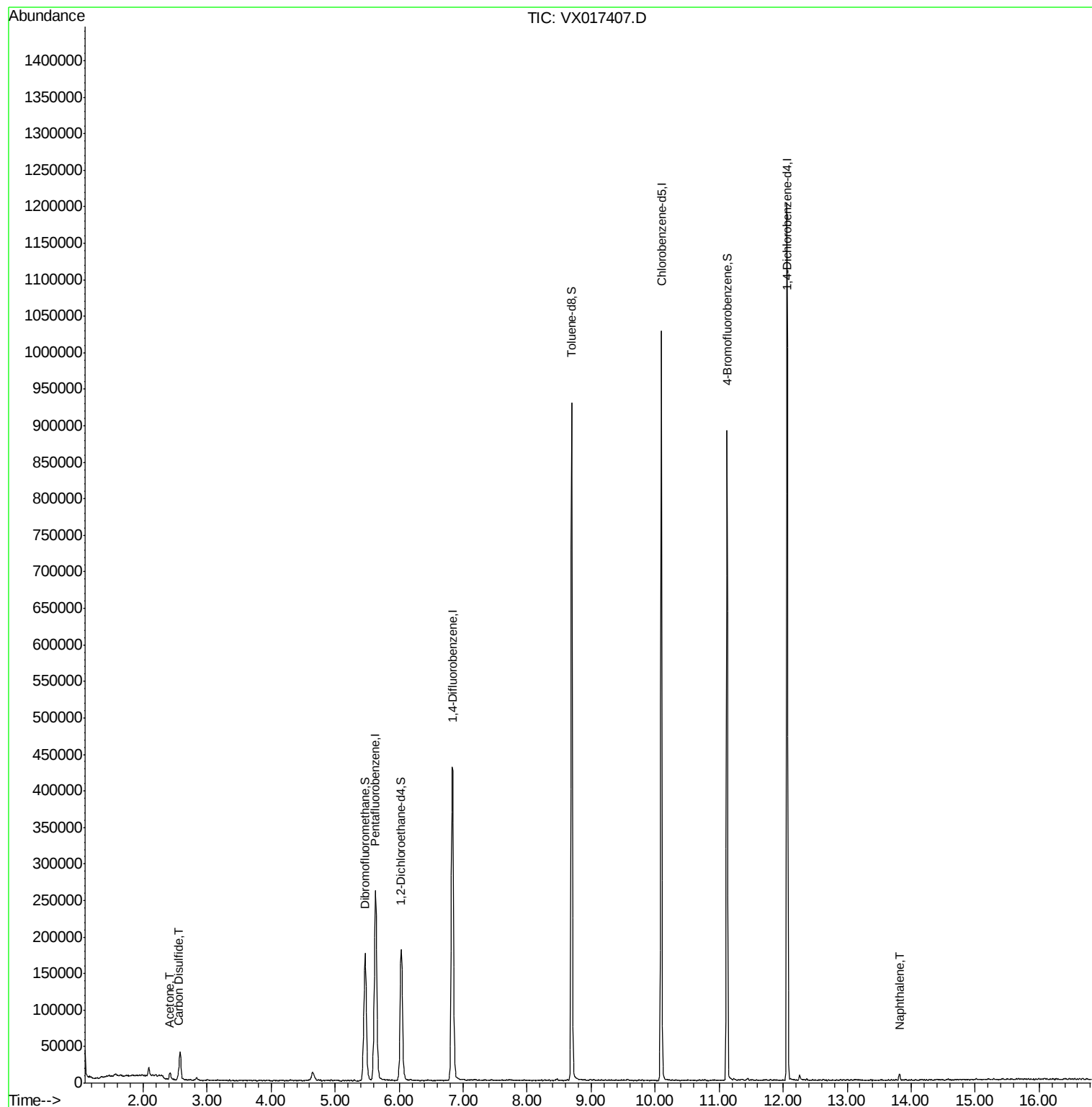
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	246862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	439177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	460579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	246940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	172987	55.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.66%	
35) Dibromofluoromethane	5.47	113	150107	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
50) Toluene-d8	8.70	98	539450	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.12	95	217743	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
Target Compounds						
16) Acetone	2.42	43	11410	10.323	ug/l	97
17) Carbon Disulfide	2.55	76	10667	1.628	ug/l #	93
95) Naphthalene	13.81	128	5148	0.340	ug/l #	93

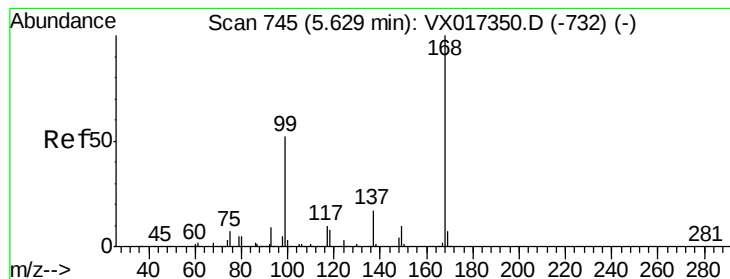
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX017407.D

Acq: 16 Jul 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

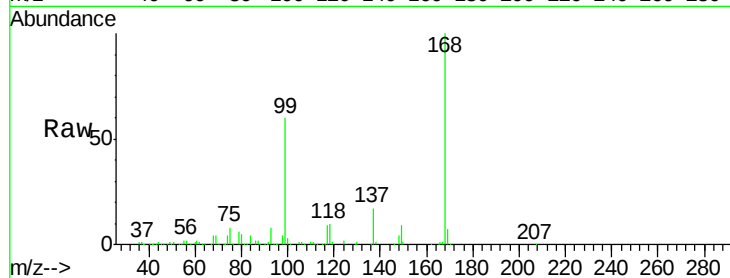
ERM-7

Tot Ion:168 Resp: 246862

Ion Ratio Lower Upper

168 100

99 59.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

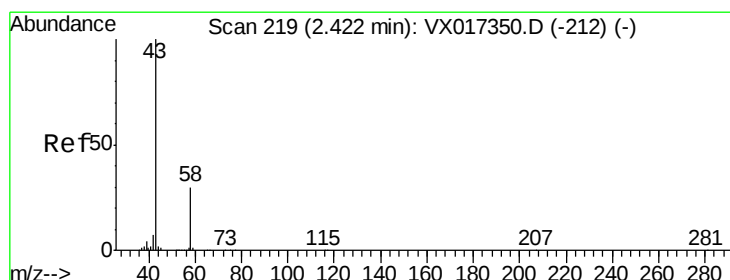
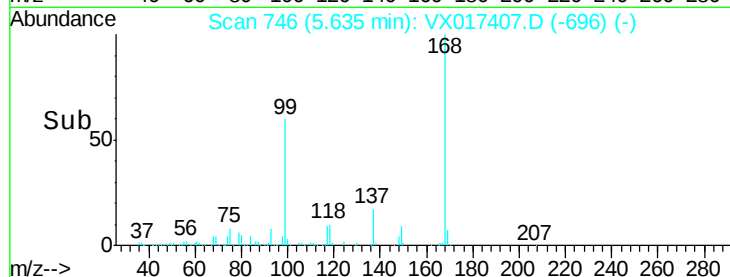
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.323 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017407.D

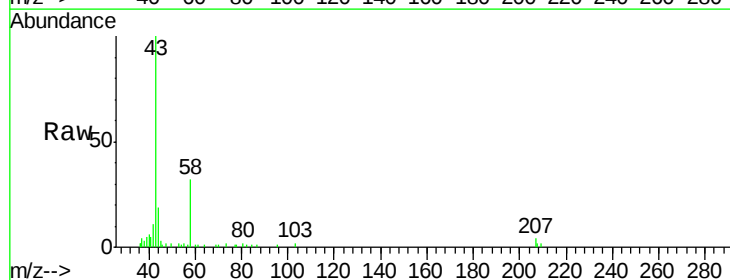
Acq: 16 Jul 2020 21:24

Tgt Ion: 43 Resp: 11410

Ion Ratio Lower Upper

43 100

58 31.9 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

6000

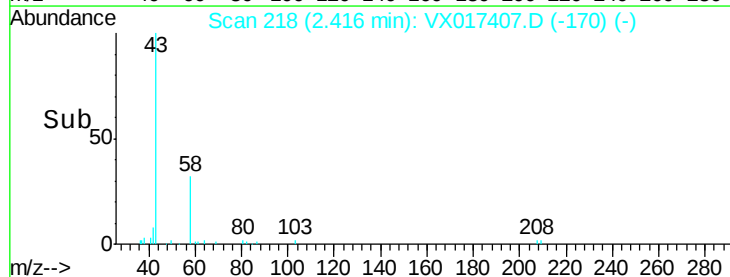
4000

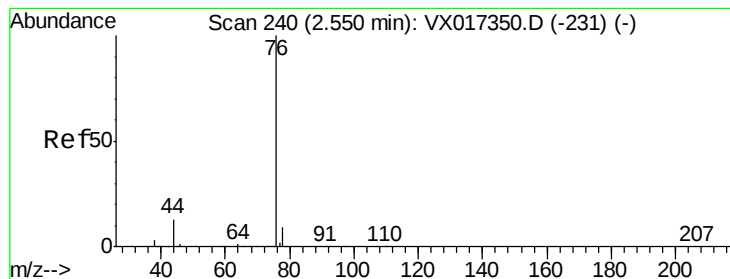
2000

0

Time-->

2.40 2.50





#17

Carbon Disulfide

Concen: 1.628 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017407.D

Acq: 16 Jul 2020 21:24

Instrument :

MSVOA_X

ClientSampled :

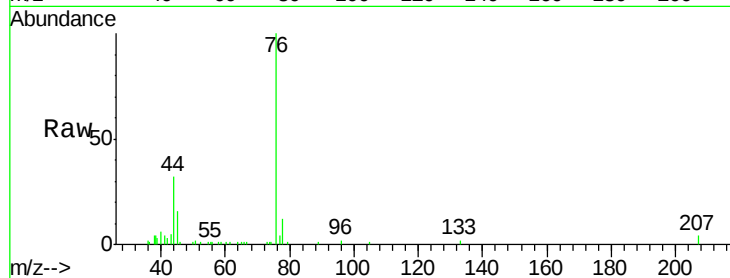
ERM-7

Tot Ion: 76 Resp: 10667

Ion Ratio Lower Upper

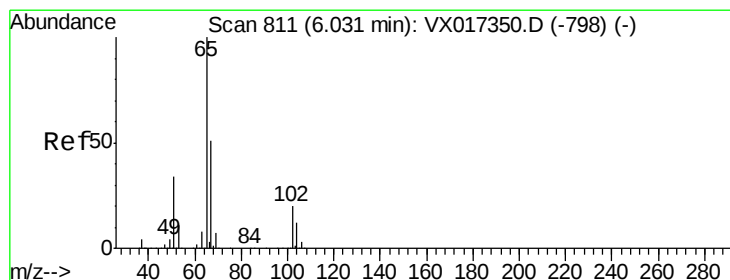
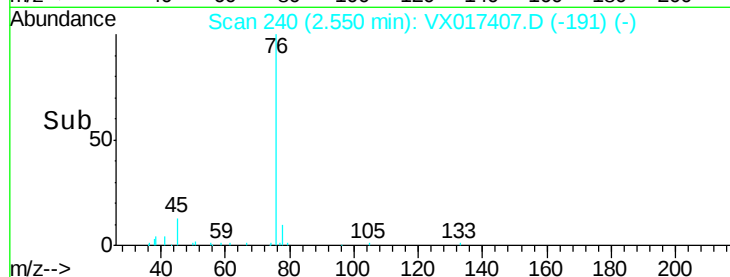
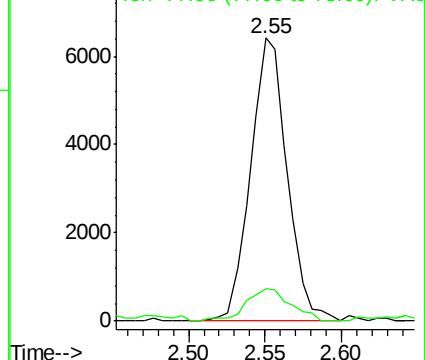
76 100

78 11.6 7.3 10.9#



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: 55.832 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017407.D

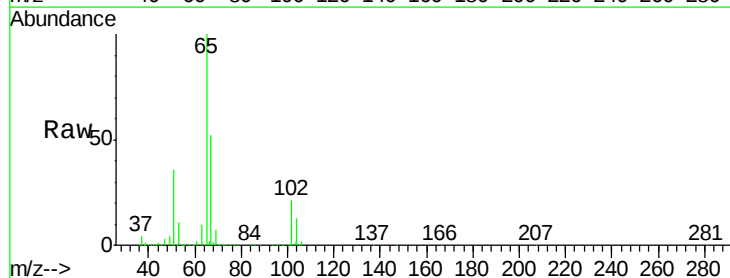
Acq: 16 Jul 2020 21:24

Tgt Ion: 65 Resp: 172987

Ion Ratio Lower Upper

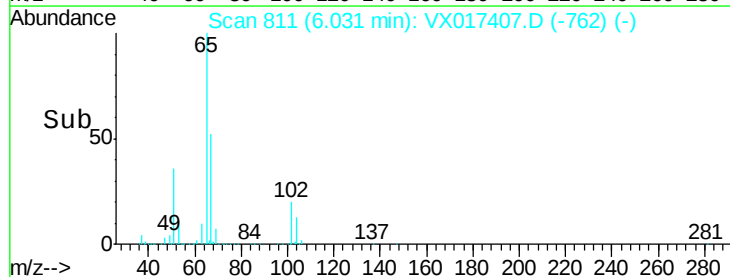
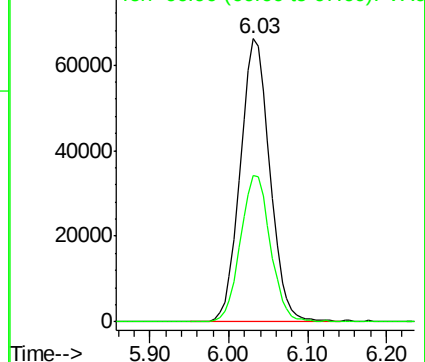
65 100

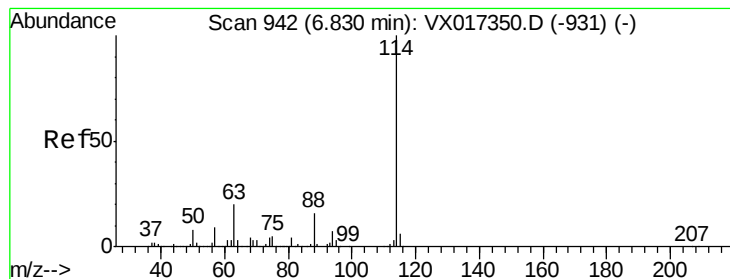
67 52.2 0.0 101.6



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017407.D

Acq: 16 Jul 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

ERM-7

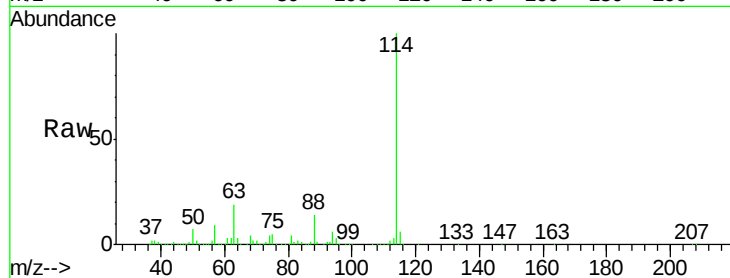
Tot Ion:114 Resp: 439177

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

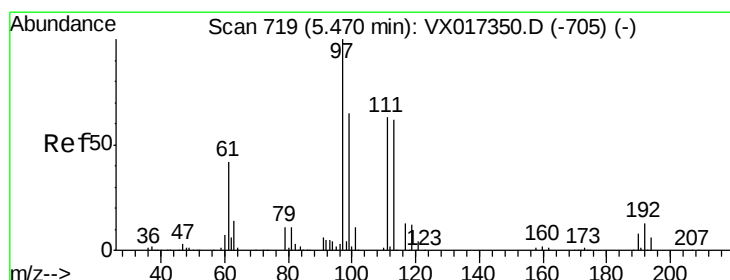
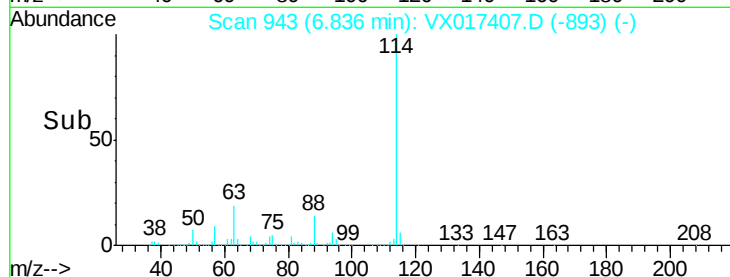
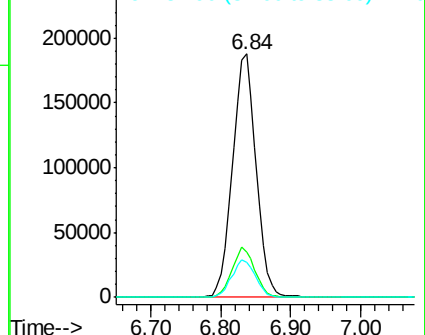
88 14.4 0.0 32.8



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: 50.740 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017407.D

Acq: 16 Jul 2020 21:24

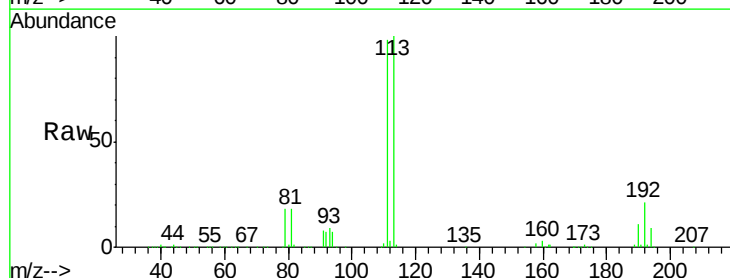
Tgt Ion:113 Resp: 150107

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

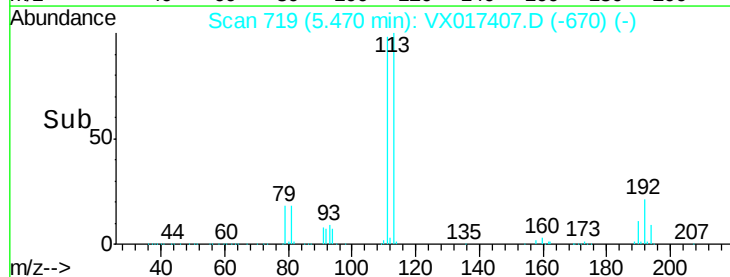
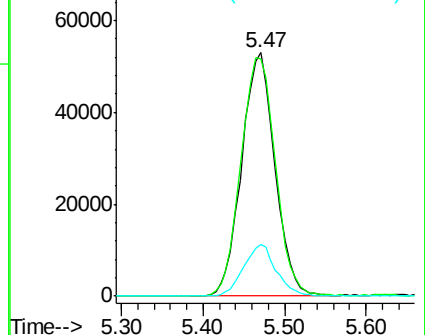
192 20.7 17.2 25.8

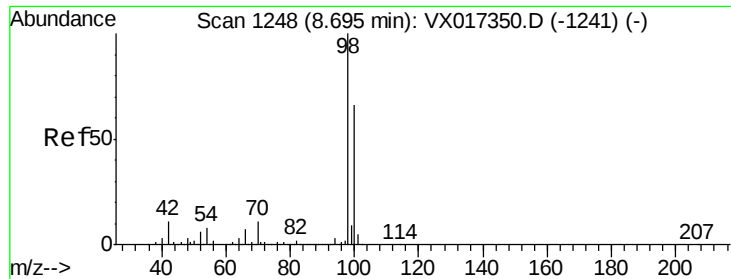


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.552 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017407.D

Acq: 16 Jul 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

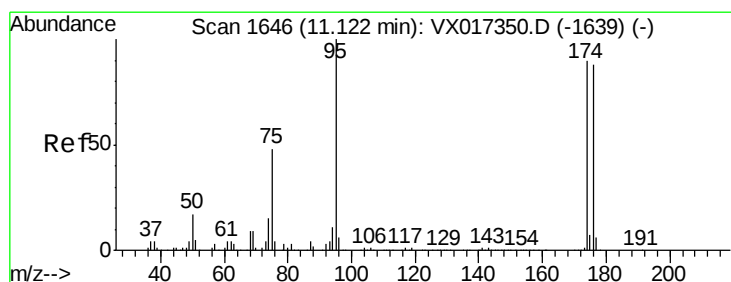
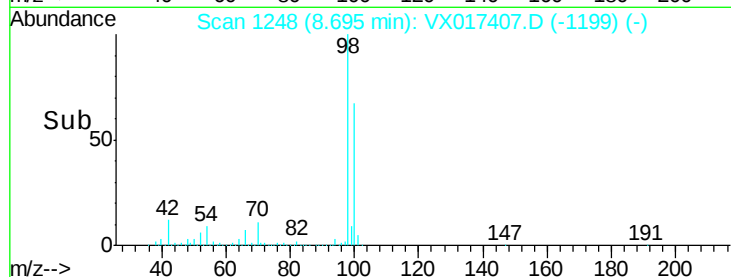
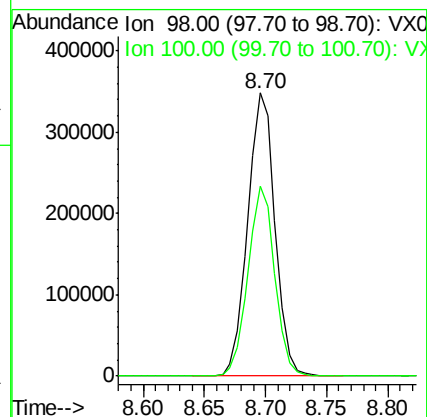
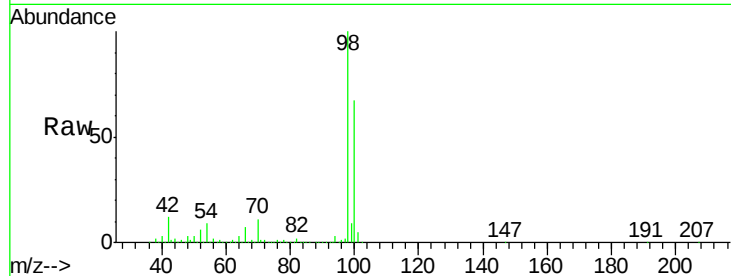
ERM-7

Tot Ion: 98 Resp: 539450

Ion Ratio Lower Upper

98 100

100 66.0 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 51.369 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017407.D

Acq: 16 Jul 2020 21:24

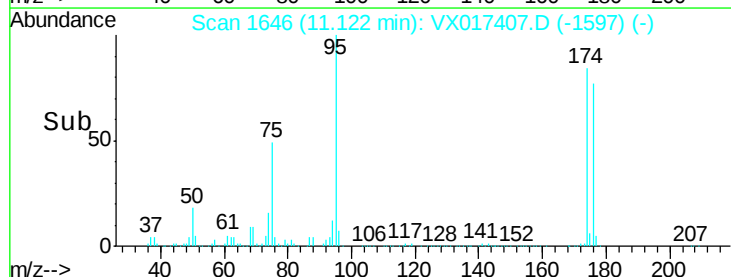
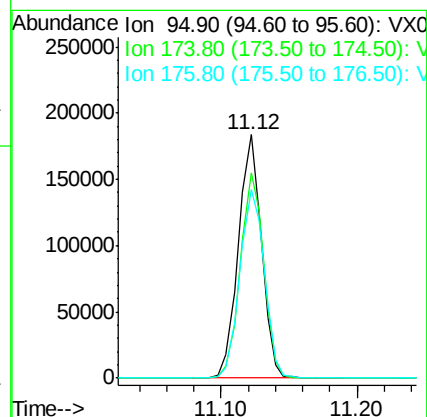
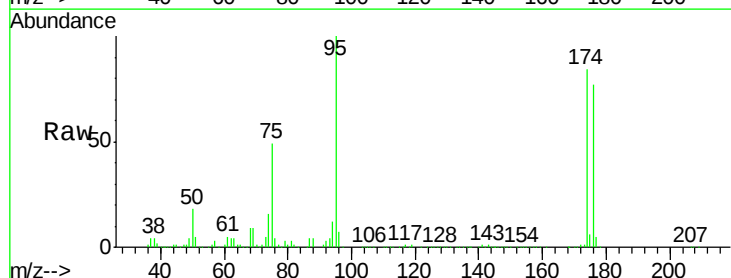
Tgt Ion: 95 Resp: 217743

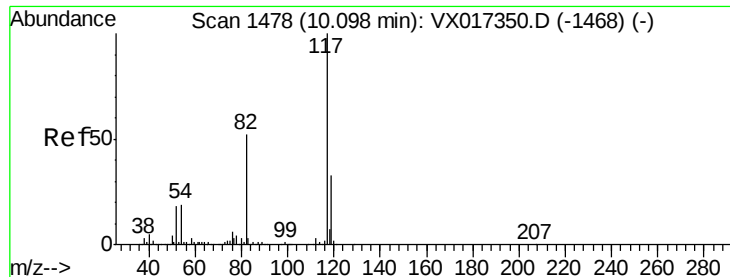
Ion Ratio Lower Upper

95 100

174 85.3 0.0 175.8

176 81.6 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017407.D

Acq: 16 Jul 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

ERM-7

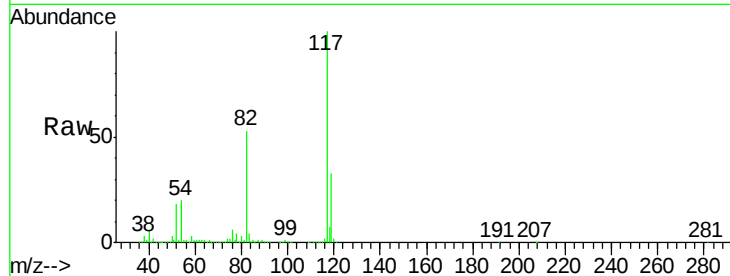
Tot Ion:117 Resp: 460579

Ion Ratio Lower Upper

117 100

82 53.2 42.0 63.0

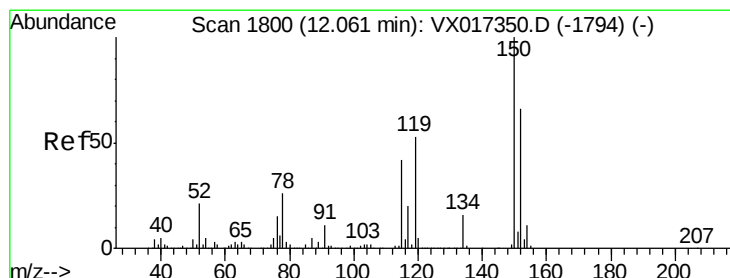
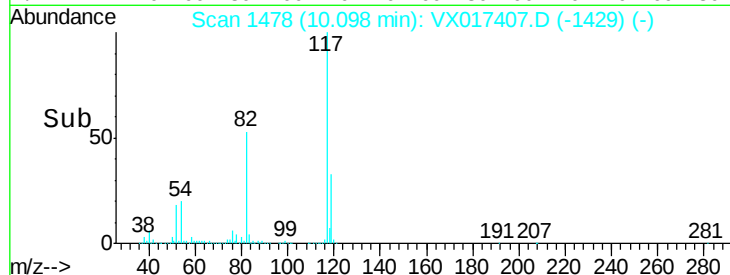
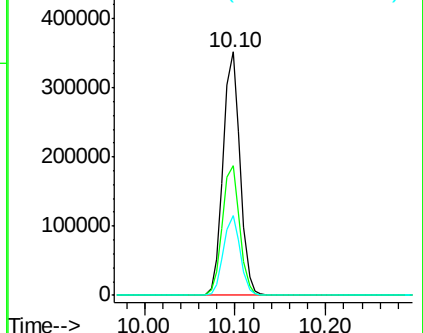
119 32.6 26.3 39.5



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: VX017407.D

Acq: 16 Jul 2020 21:24

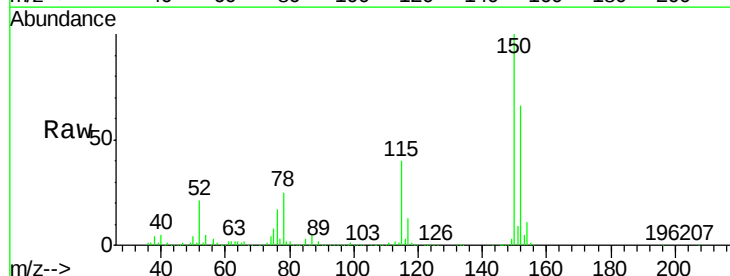
Tgt Ion:152 Resp: 246940

Ion Ratio Lower Upper

152 100

115 58.0 39.9 119.7

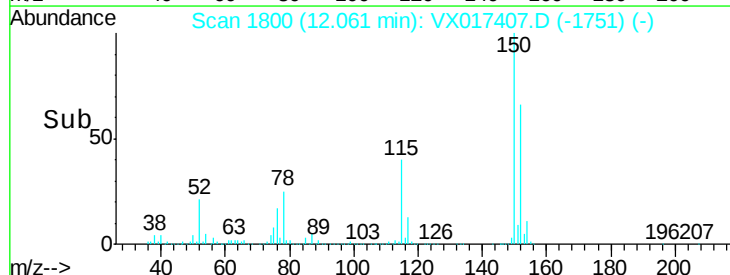
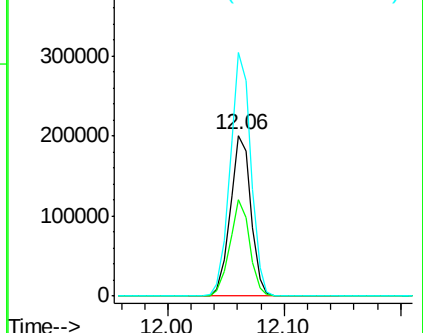
150 152.7 0.0 343.4

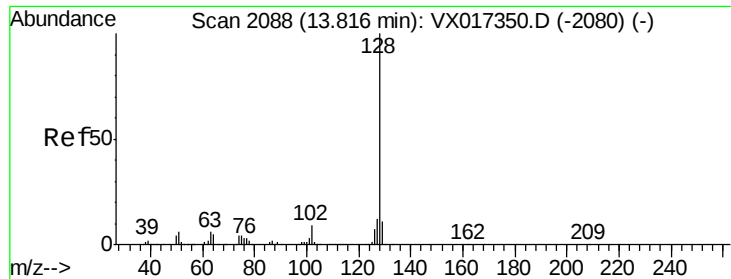


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 0.340 ug/l

RT: 13.81 min Scan# 2087

Delta R.T. -0.01 min

Lab File: VX017407.D

Acq: 16 Jul 2020 21:24

Instrument :

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ClientSampleId :

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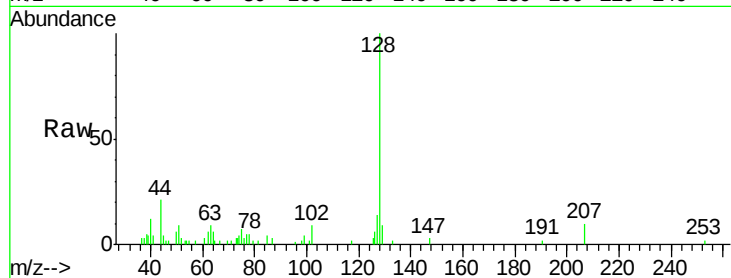
Tot Ion:128 Resp: 5148

Ion Ratio Lower Upper

128 100

127 15.3 10.2 15.4

129 14.0 8.9 13.3#



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

