

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
 Data File : VX017546.D
 Acq On : 24 Jul 2020 16:30
 Operator : JC/SP
 Sample : L3410-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FM-FRAC

Quant Time: Jul 25 03:21:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

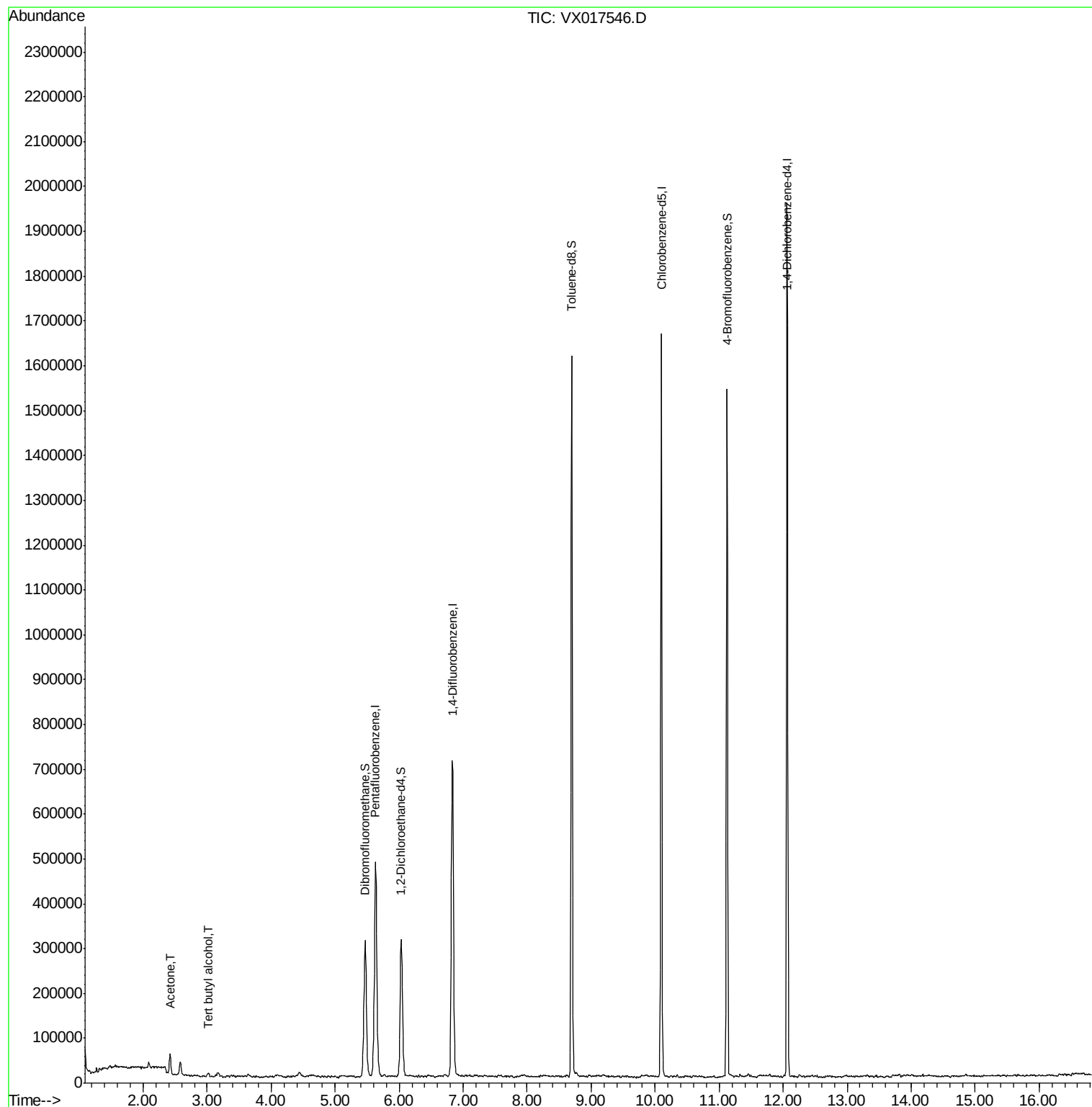
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	437608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	721373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	754677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	391127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	304645	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
35) Dibromofluoromethane	5.47	113	256158	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
50) Toluene-d8	8.70	98	924472	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
62) 4-Bromofluorobenzene	11.12	95	389707	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	6921	5.842	ug/l #	75
16) Acetone	2.42	43	49146	19.864	ug/l	99

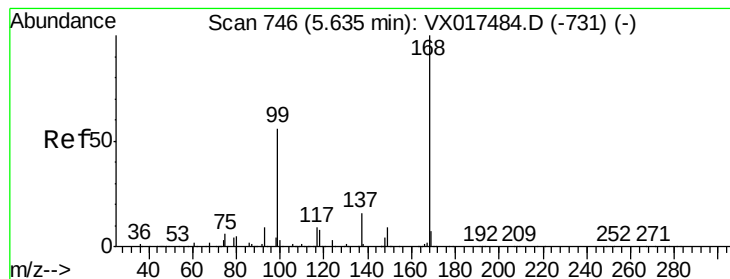
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

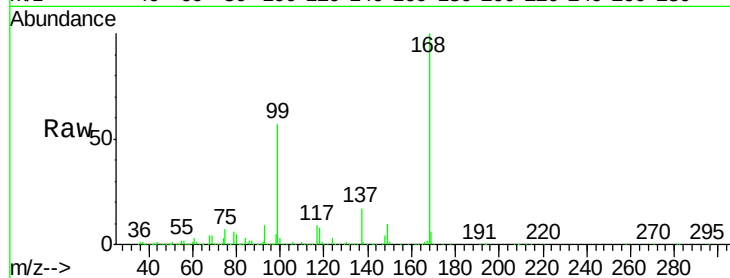
FM-FRAC

Tgt Ion:168 Resp: 437608

Ion Ratio Lower Upper

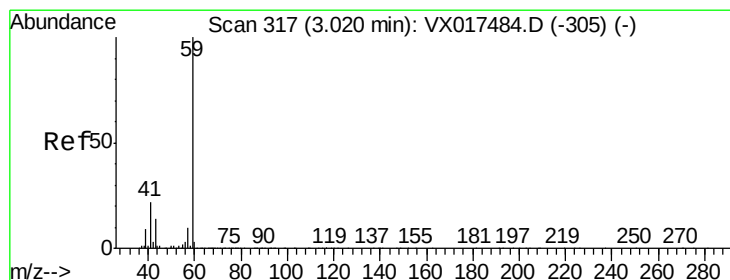
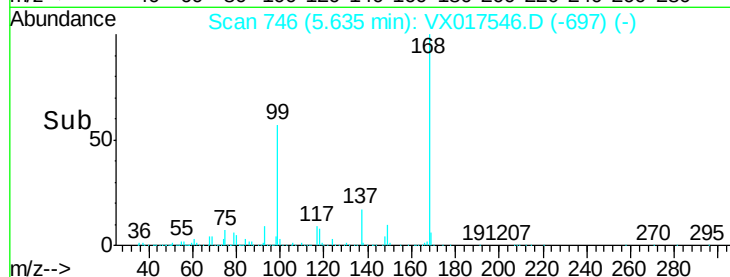
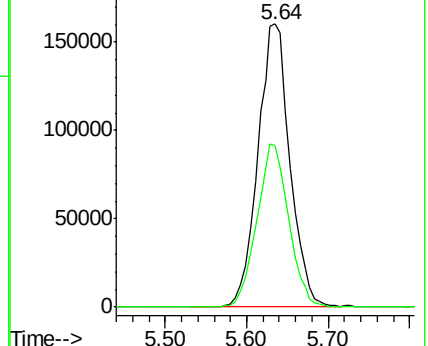
168 100

99 57.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 5.842 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX017546.D

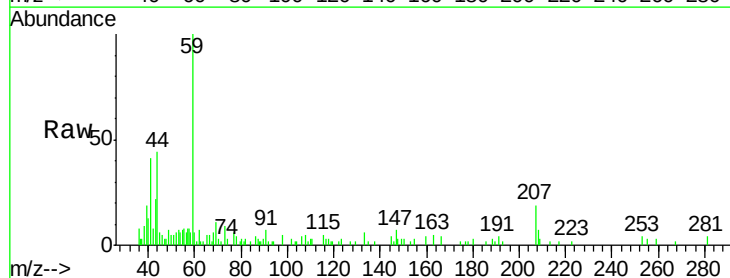
Acq: 24 Jul 2020 16:30

Tgt Ion: 59 Resp: 6921

Ion Ratio Lower Upper

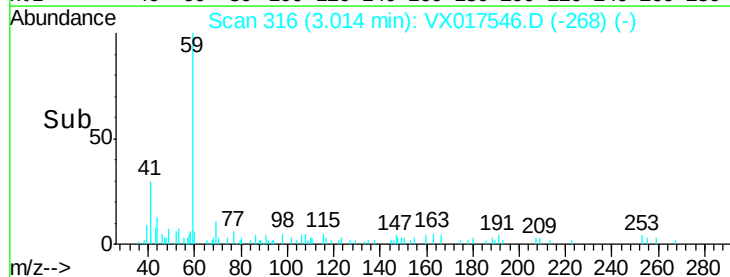
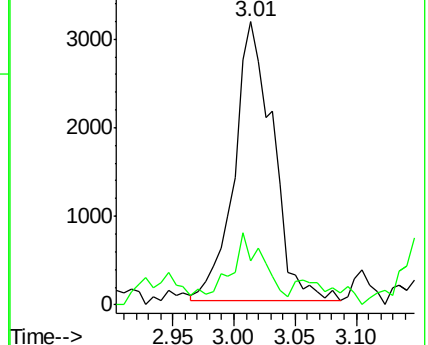
59 100

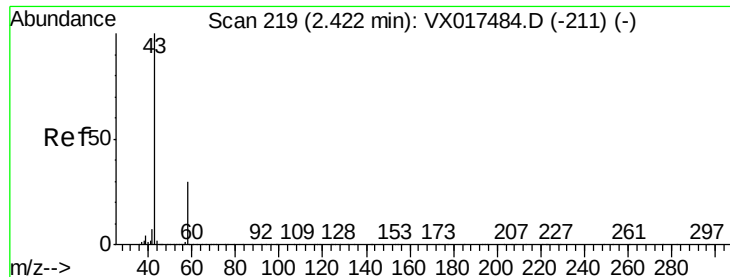
57 20.2 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 19.864 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017546.D

Acq: 24 Jul 2020 16:30

Instrument :

MSVOA_X

ClientSampleId :

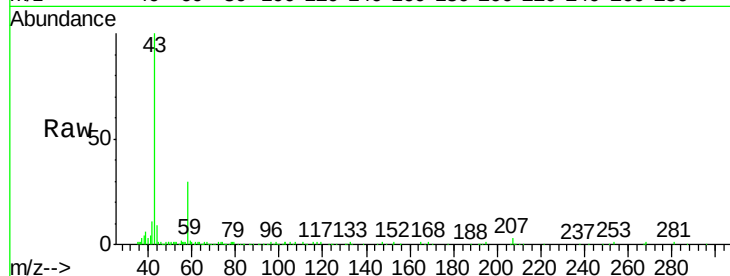
FM-FRAC

Tgt Ion: 43 Resp: 49146

Ion Ratio Lower Upper

43 100

58 30.6 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

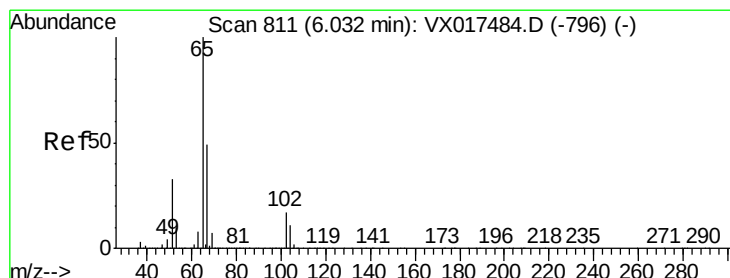
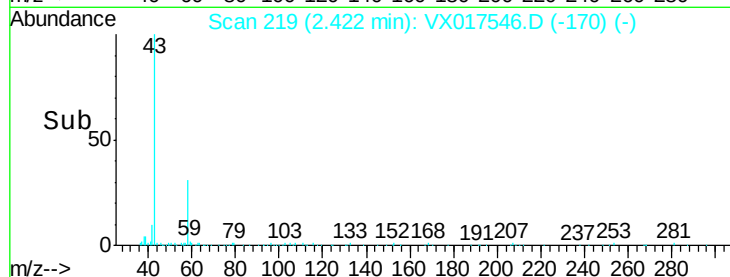
30000

20000

10000

0

Time--> 2.30 2.40 2.50



#33

1,2-Dichloroethane-d4

Concen: 54.195 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017546.D

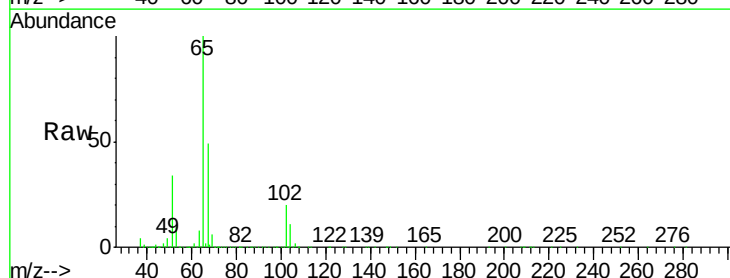
Acq: 24 Jul 2020 16:30

Tgt Ion: 65 Resp: 304645

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

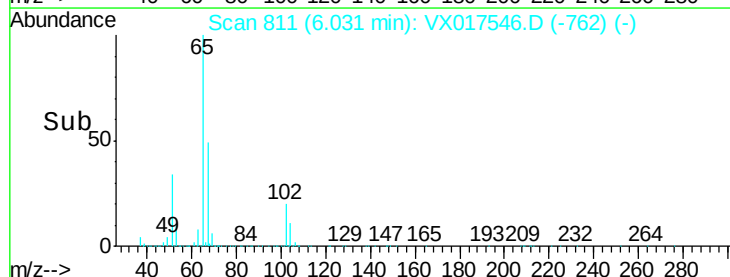
6.03

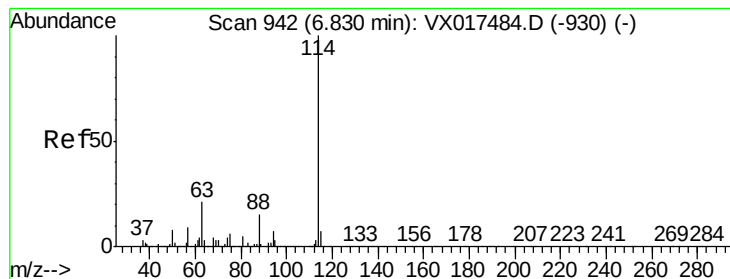
100000

50000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017546.D

Acq: 24 Jul 2020 16:30

Instrument :

MSVOA_X

ClientSampleId :

FM-FRAC

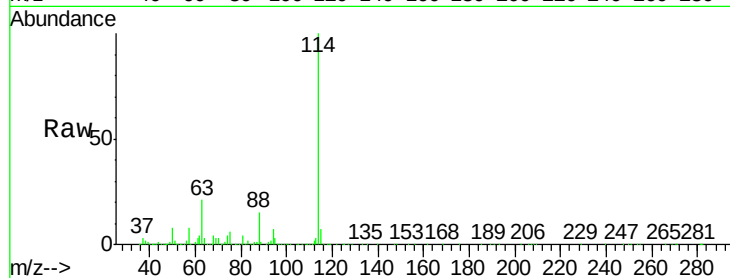
Tgt Ion:114 Resp: 721373

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.6

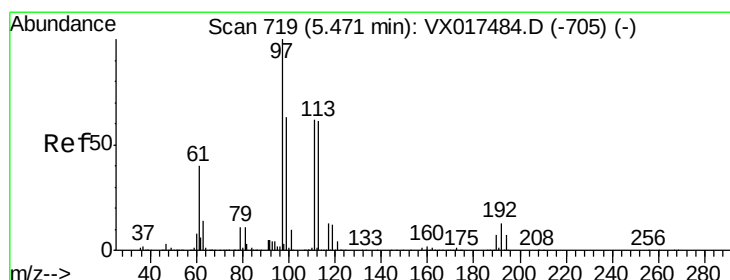
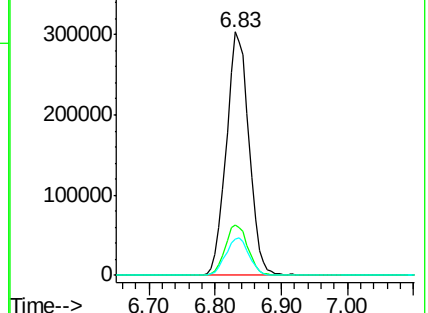
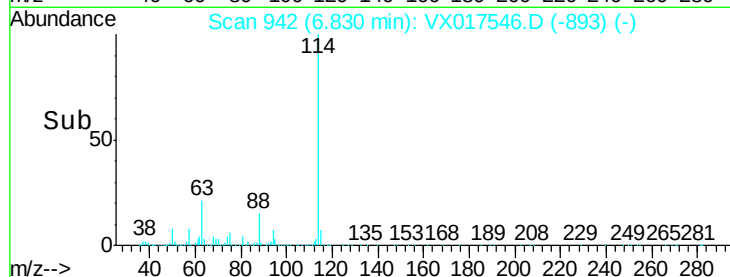
88 14.9 0.0 33.4



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: 53.094 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017546.D

Acq: 24 Jul 2020 16:30

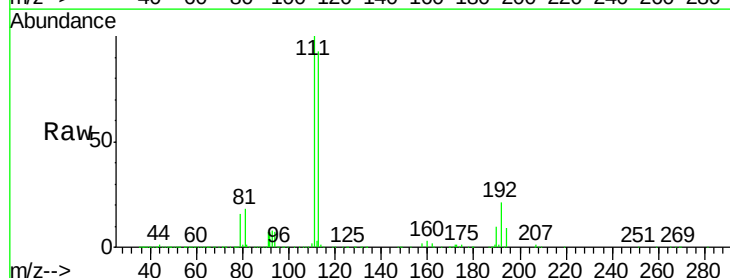
Tgt Ion:113 Resp: 256158

Ion Ratio Lower Upper

113 100

111 102.5 80.7 121.1

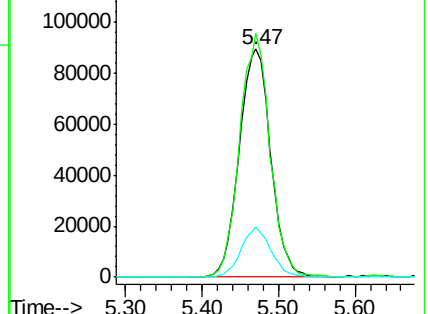
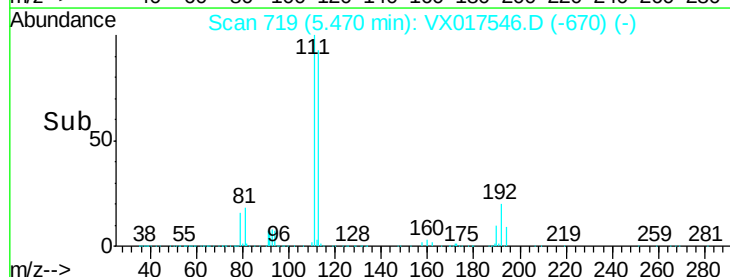
192 20.8 16.9 25.3

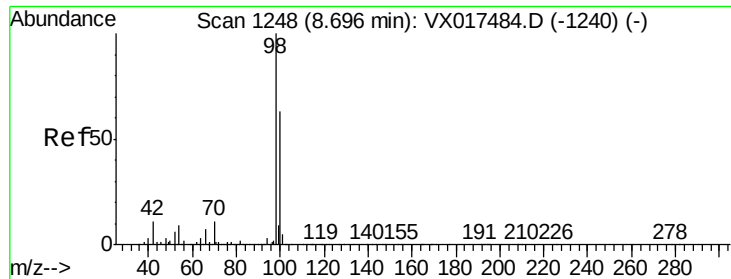


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.117 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017546.D

Acq: 24 Jul 2020 16:30

Instrument :

MSVOA_X

ClientSampleId :

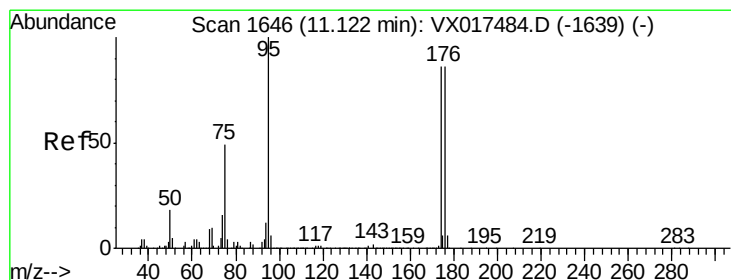
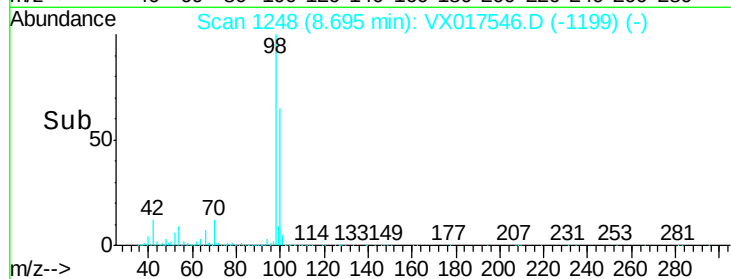
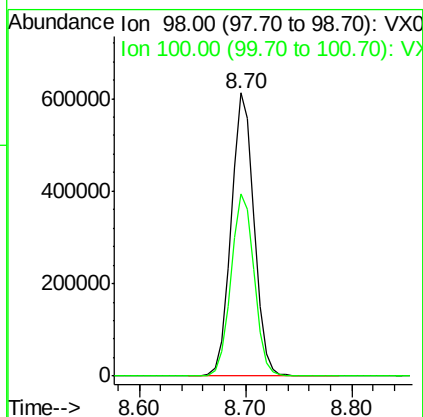
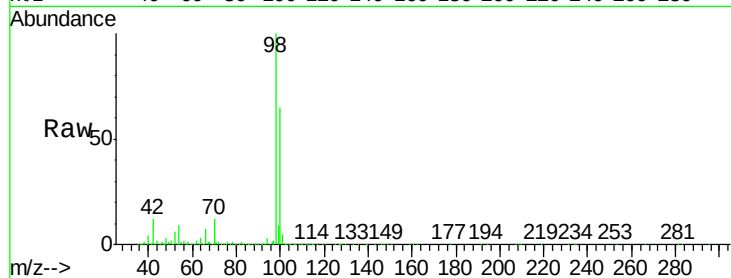
FM-FRAC

Tgt Ion: 98 Resp: 924472

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 55.949 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017546.D

Acq: 24 Jul 2020 16:30

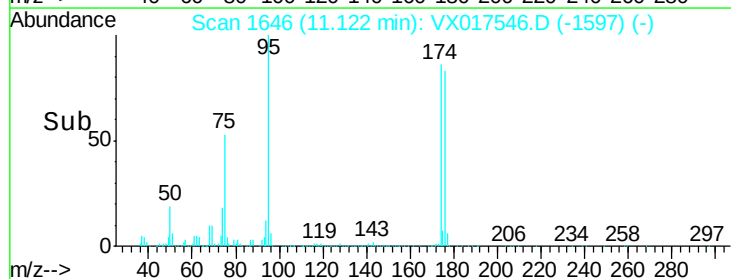
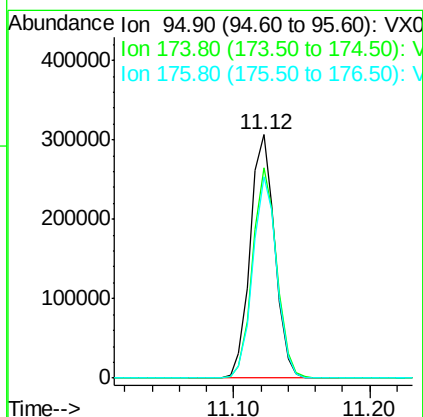
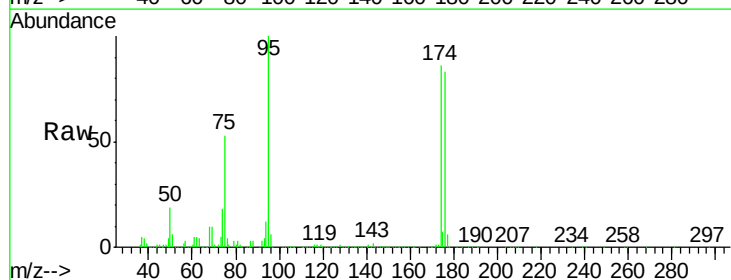
Tgt Ion: 95 Resp: 389707

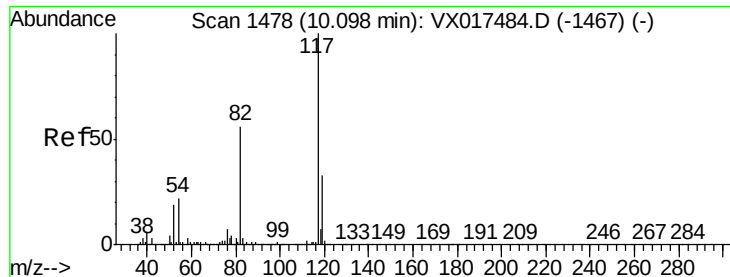
Ion Ratio Lower Upper

95 100

174 84.8 0.0 169.0

176 81.1 0.0 161.0

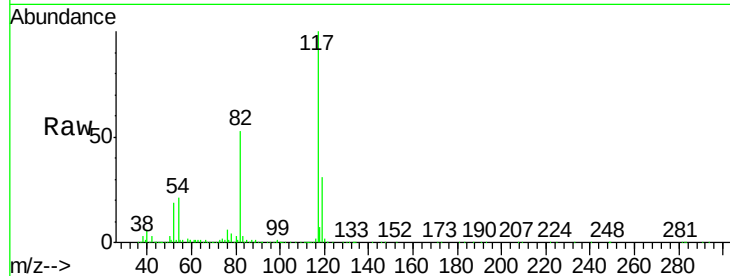




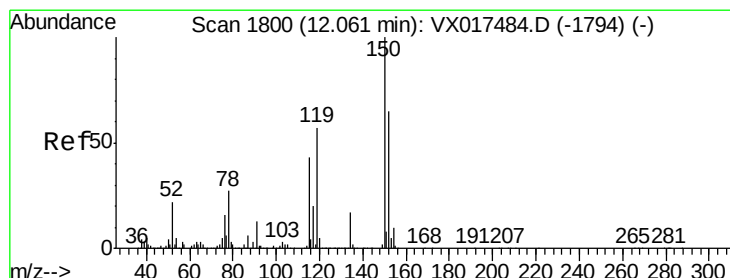
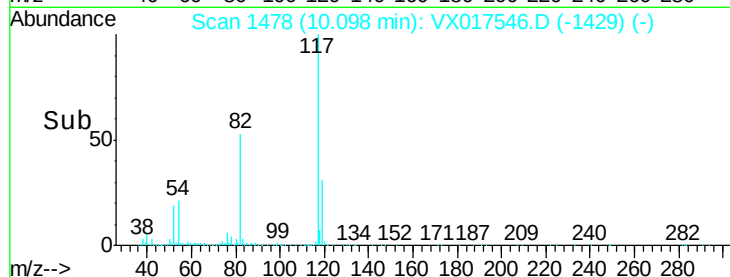
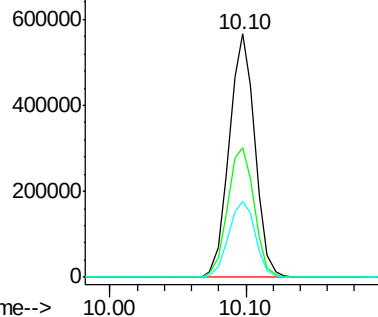
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017546.D
Acq: 24 Jul 2020 16:30

Instrument :
MSVOA_X
ClientSampleId :
FM-FRAC

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.0	66.0
119	31.3	25.4	38.0

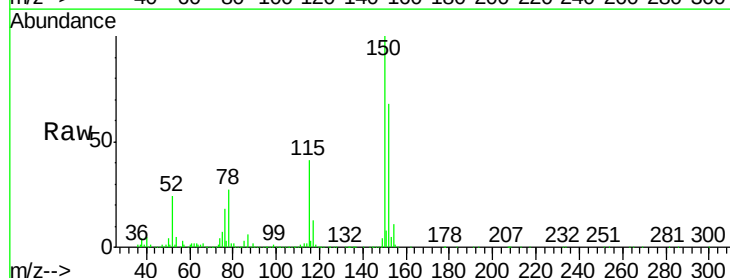


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017546.D
Acq: 24 Jul 2020 16:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	65.5	196.6#
150	154.3	0.0	412.6



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

