

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017780.D
 Acq On : 04 Aug 2020 18:51
 Operator : JC/SP
 Sample : L3547-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CRT-012

Quant Time: Aug 05 03:39:36 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

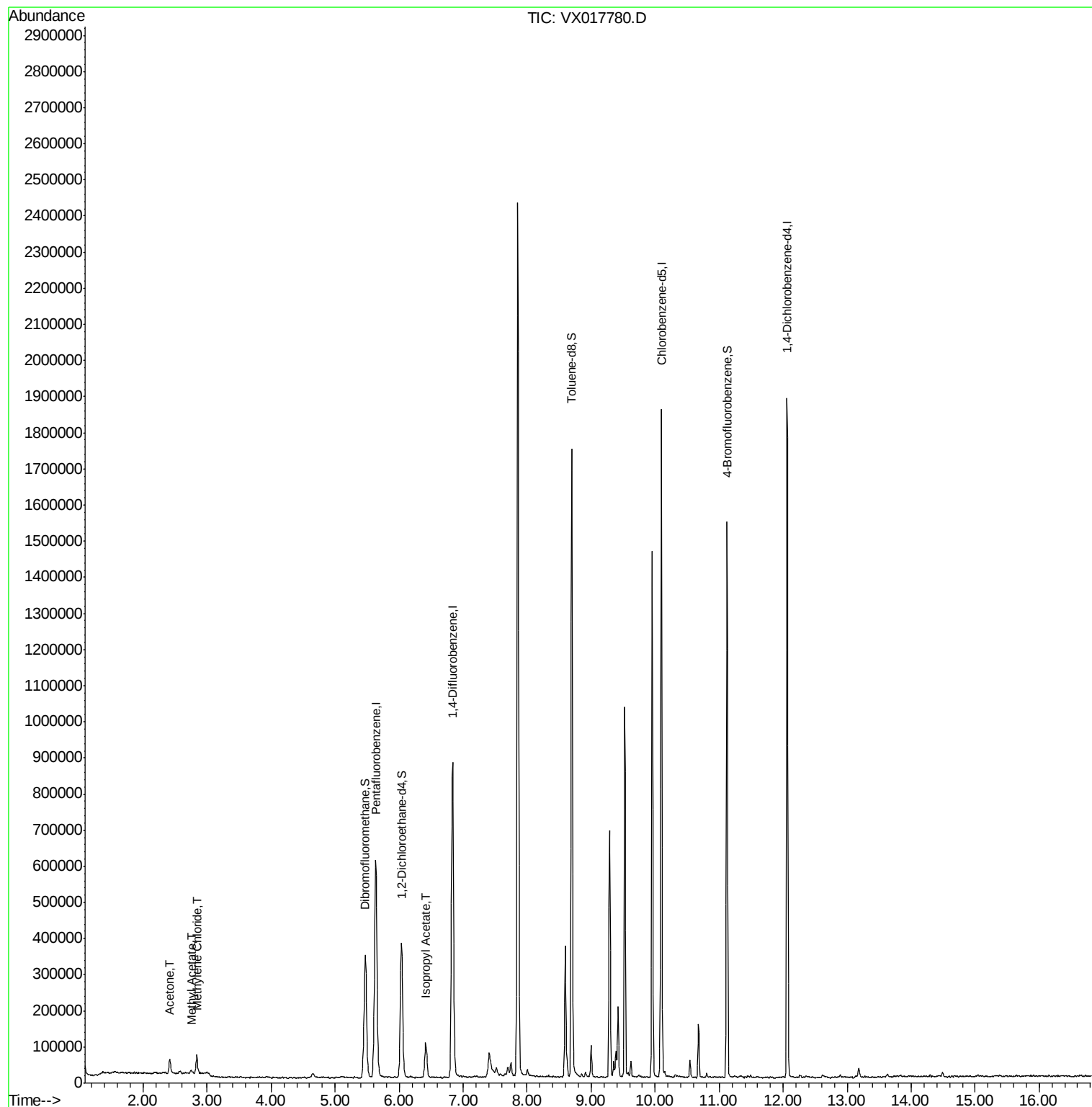
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	565554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	869893	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	825085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	403029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	374287	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
35) Dibromofluoromethane	5.47	113	290868	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
50) Toluene-d8	8.70	98	1051507	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.12	95	387273	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
Target Compounds						
16) Acetone	2.42	43	47626	14.895	ug/l	92
18) Methyl Acetate	2.75	43	10351	1.375	ug/l #	87
20) Methylene Chloride	2.84	84	22777	2.564	ug/l	97
43) Isopropyl Acetate	6.42	43	132723	8.812	ug/l	99

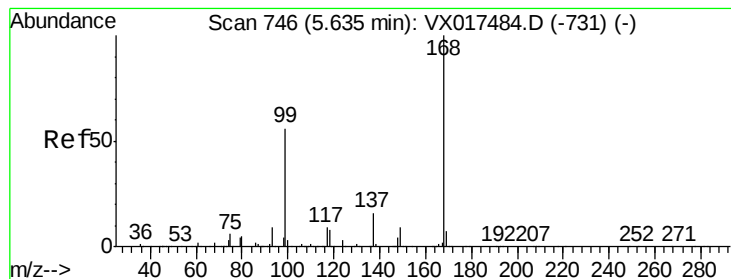
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Acq: 04 Aug 2020 18:51

Instrument :

MSVOA_X

ClientSampleId :

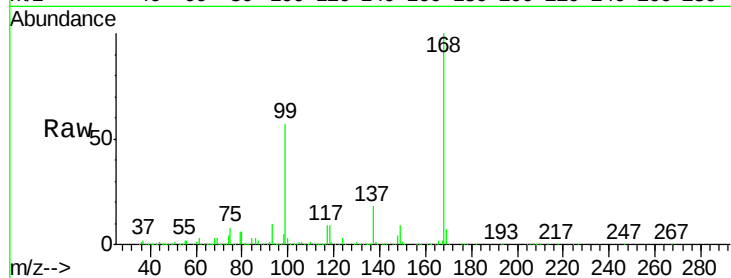
CRT-012

Tgt Ion:168 Resp: 565554

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

5.64

200000

150000

100000

50000

0

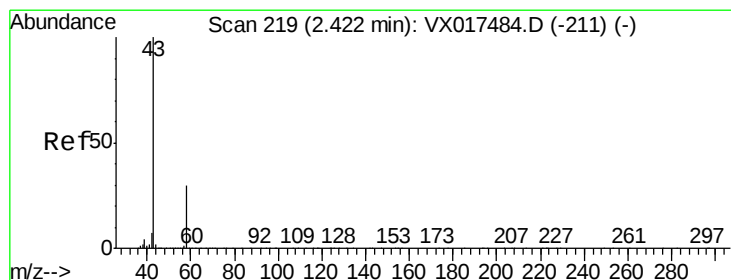
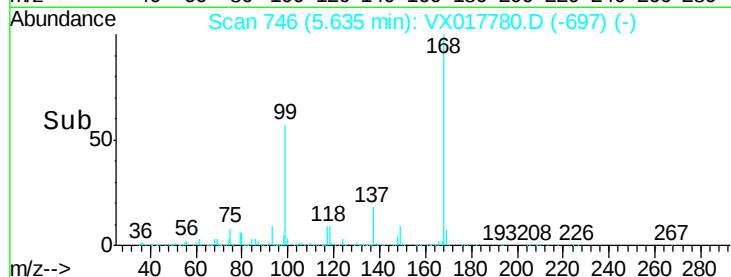
Time-->

5.50

5.60

5.70

5.80



#16

Acetone

Concen: 14.895 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017780.D

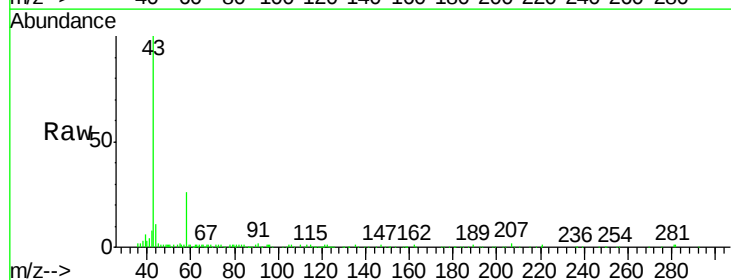
Acq: 04 Aug 2020 18:51

Tgt Ion: 43 Resp: 47626

Ion Ratio Lower Upper

43 100

58 25.9 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

25000

20000

15000

10000

5000

0

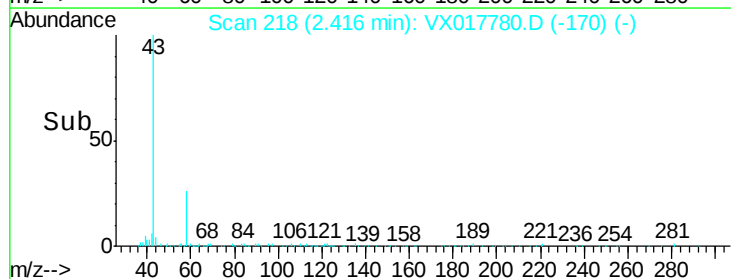
Time-->

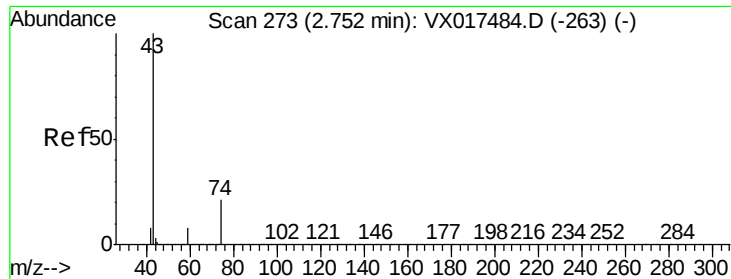
2.35

2.40

2.45

2.50

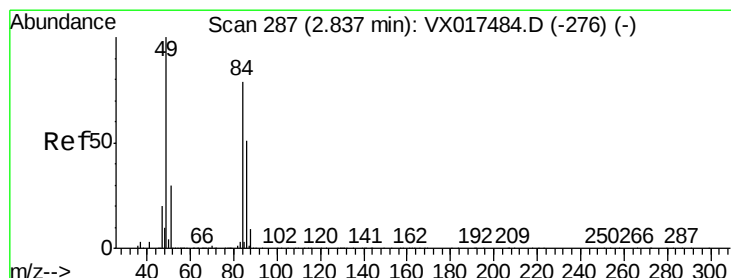
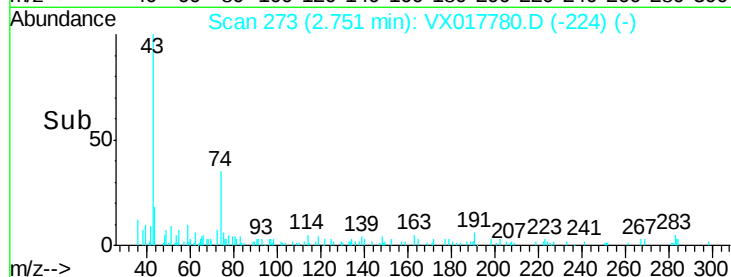
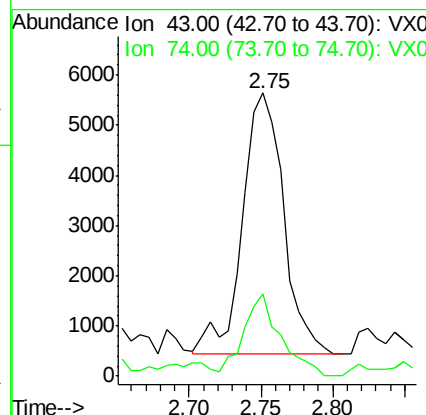
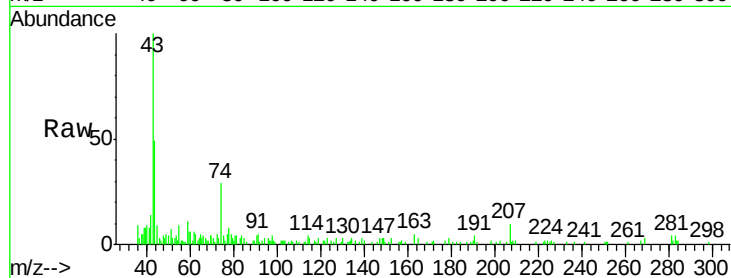




#18
Methyl Acetate
Concen: 1.375 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017780.D
Acq: 04 Aug 2020 18:51

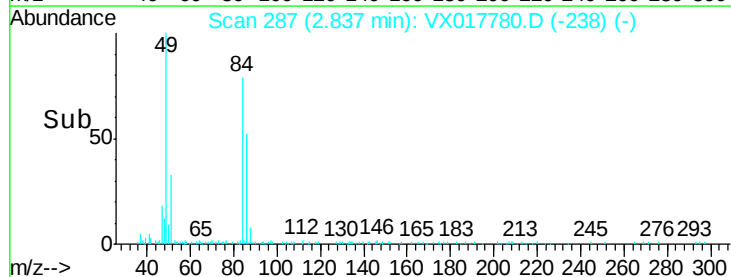
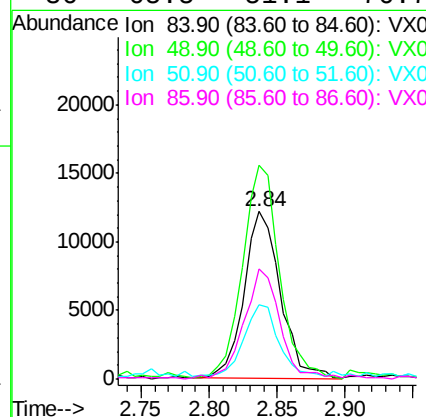
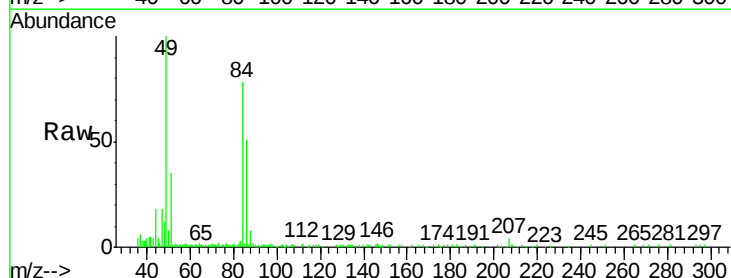
Instrument :
MSVOA_X
ClientSampleId :
CRT-012

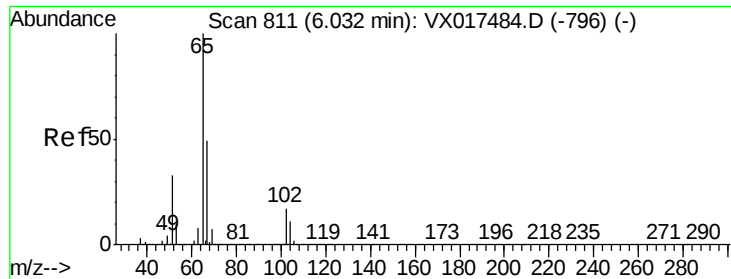
Tgt Ion: 43 Resp: 10351
Ion Ratio Lower Upper
43 100
74 28.3 17.5 26.3#



#20
Methylene Chloride
Concen: 2.564 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017780.D
Acq: 04 Aug 2020 18:51

Tgt Ion: 84 Resp: 22777
Ion Ratio Lower Upper
84 100
49 128.5 100.3 150.5
51 43.1 30.5 45.7
86 65.5 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 51.521 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017780.D

Acq: 04 Aug 2020 18:51

Instrument :

MSVOA_X

ClientSampleId :

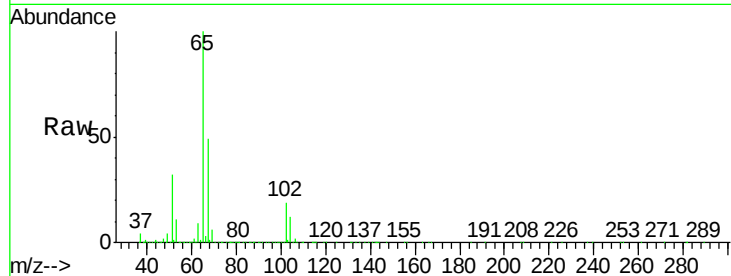
CRT-012

Tgt Ion: 65 Resp: 374287

Ion Ratio Lower Upper

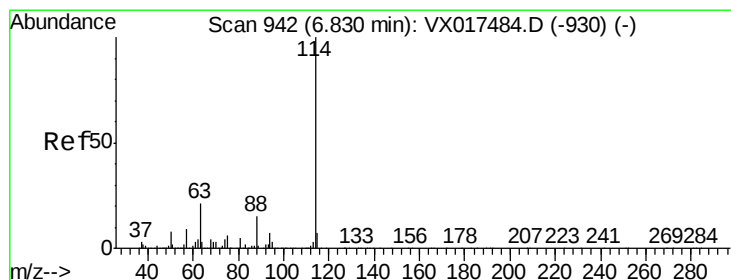
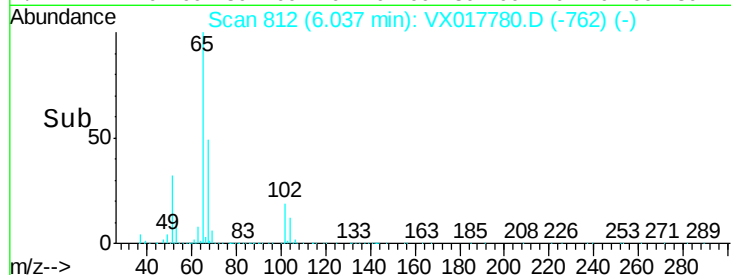
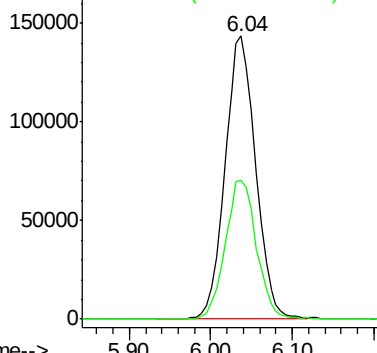
65 100

67 50.2 0.0 102.8



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: VX017780.D

Acq: 04 Aug 2020 18:51

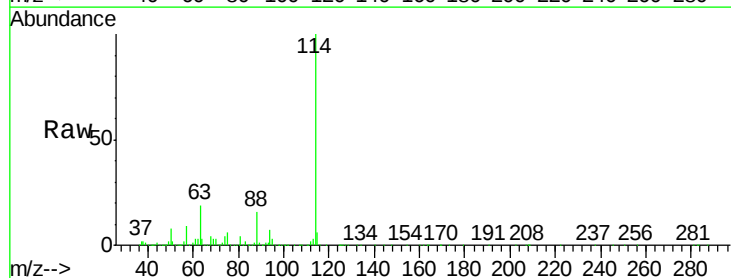
Tgt Ion: 114 Resp: 869893

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.6

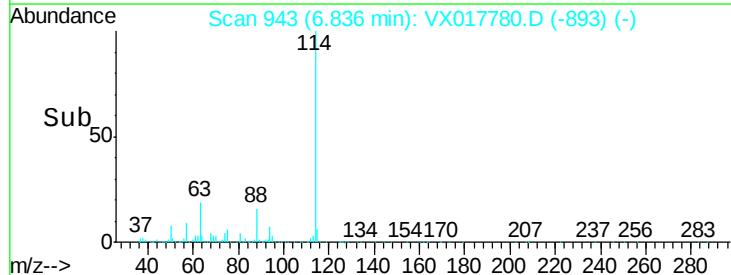
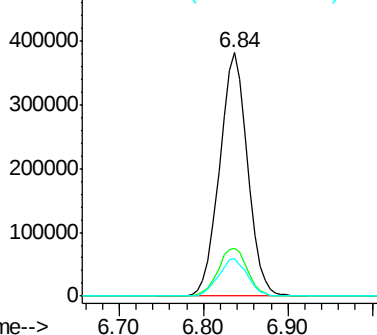
88 15.6 0.0 33.4

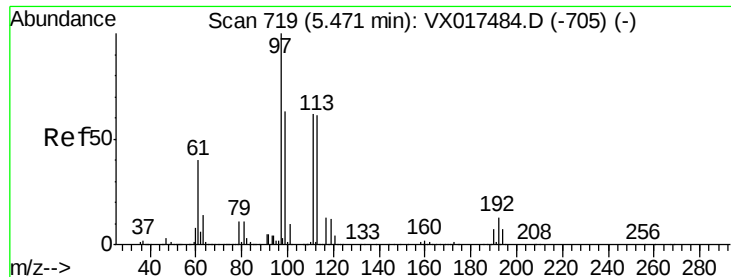


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.995 ug/l

RT: 5.47 min Scan# 719

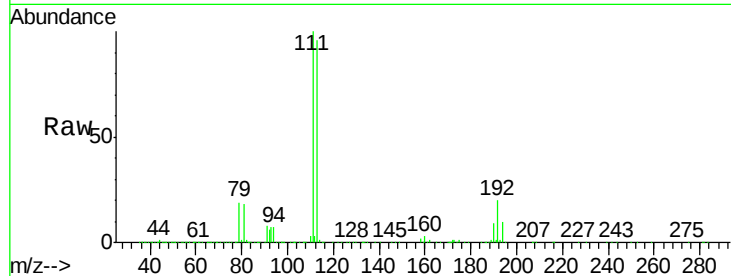
Delta R.T. -0.00 min

Lab File: VX017780.D

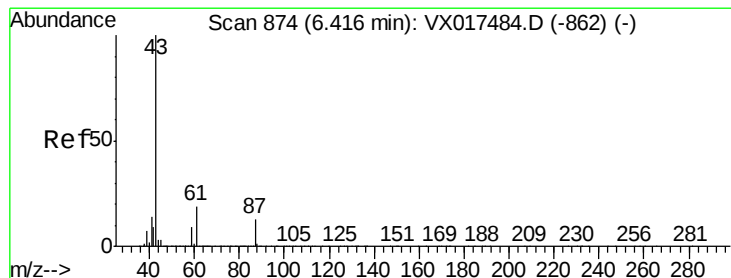
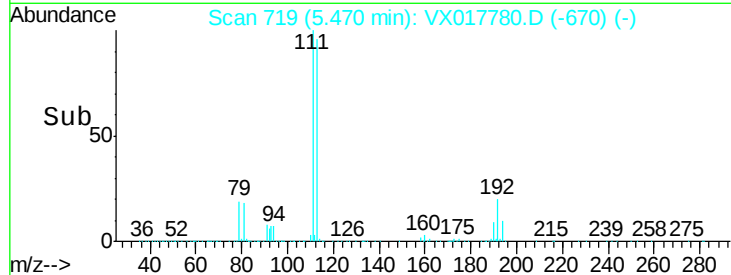
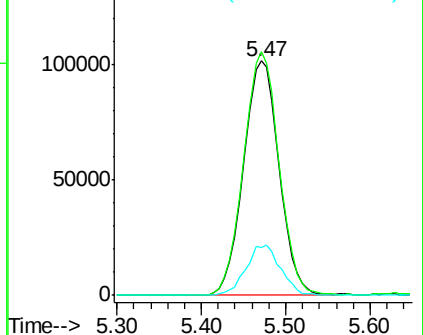
Acq: 04 Aug 2020 18:51

Instrument :
MSVOA_X
ClientSampled :
CRT-012

Tgt Ion:	113	Resp:	290868
Ion	Ratio	Lower	Upper
113	100		
111	103.2	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



#43

Isopropyl Acetate

Concen: 8.812 ug/l

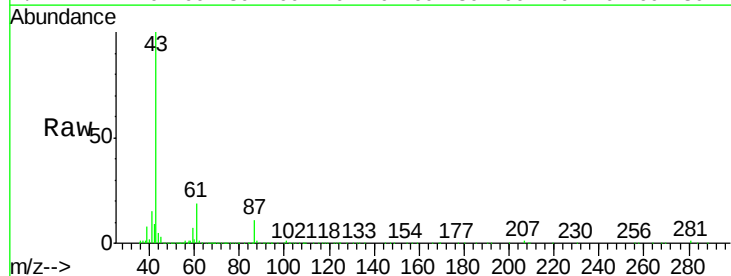
RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

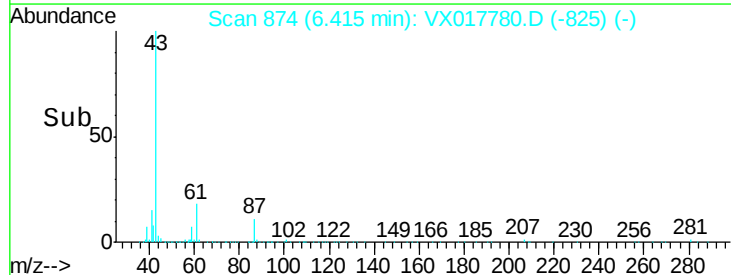
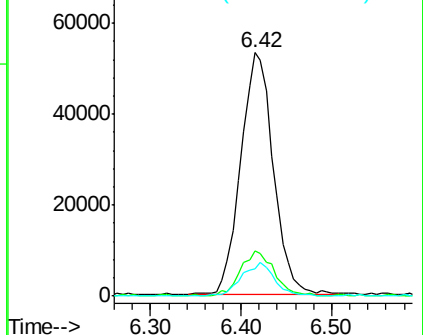
Lab File: VX017780.D

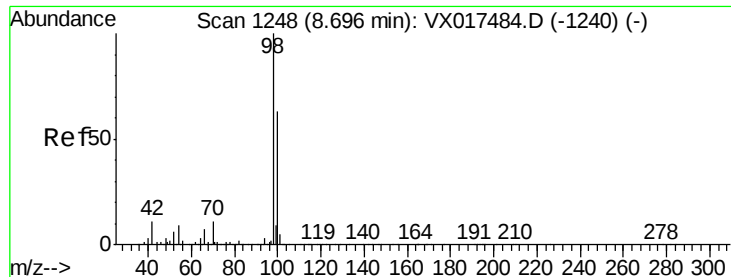
Acq: 04 Aug 2020 18:51

Tgt Ion:	43	Resp:	132723
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.5	23.3
87	14.0	10.5	15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.101 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017780.D

Acq: 04 Aug 2020 18:51

Instrument :

MSVOA_X

ClientSampleId :

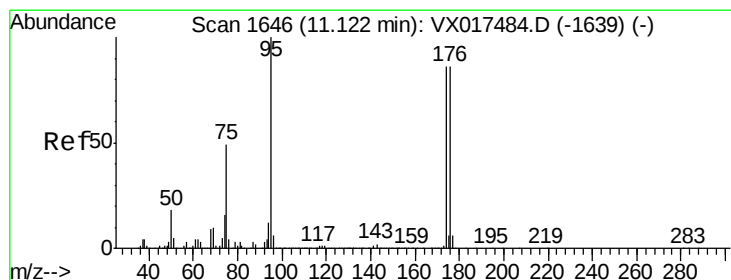
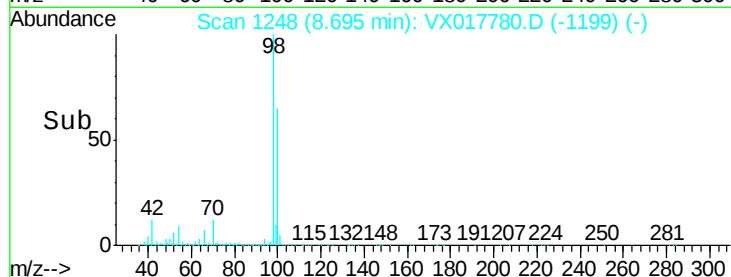
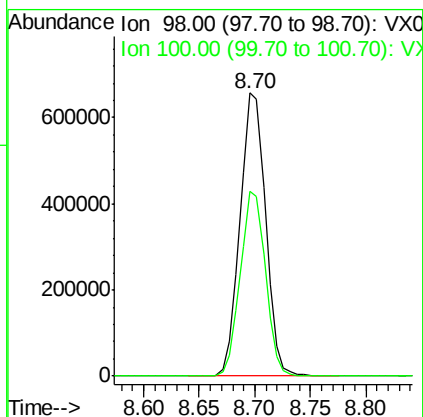
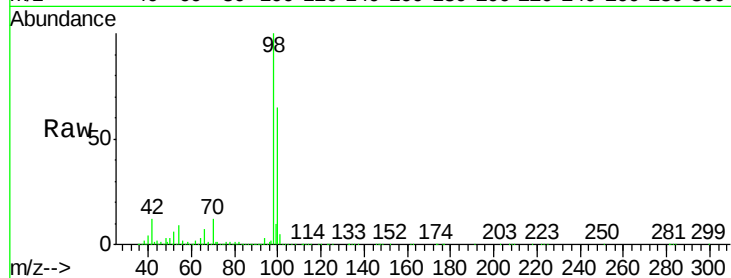
CRT-012

Tgt Ion: 98 Resp: 1051507

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 46.107 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017780.D

Acq: 04 Aug 2020 18:51

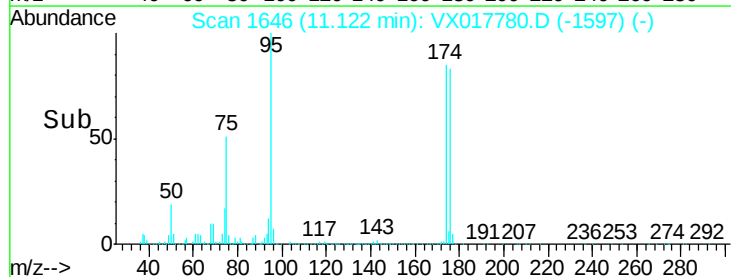
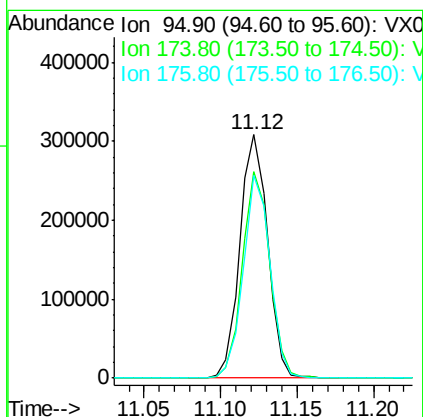
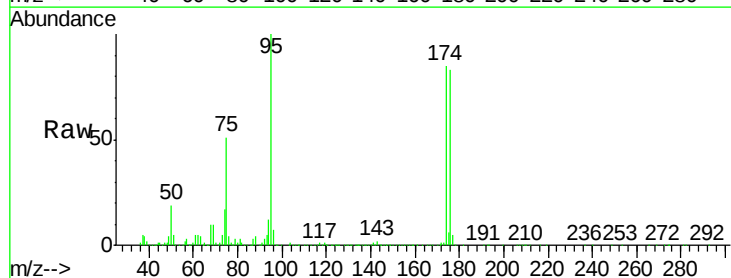
Tgt Ion: 95 Resp: 387273

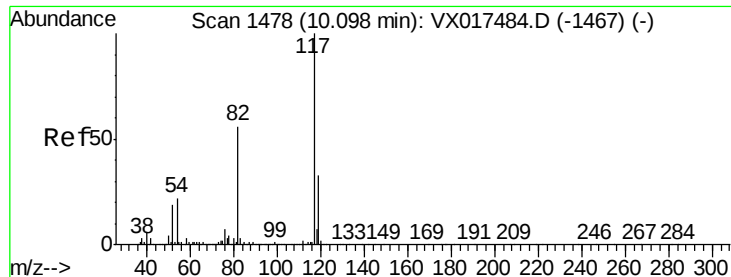
Ion Ratio Lower Upper

95 100

174 83.8 0.0 169.0

176 80.6 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: VX017780.D

Acq: 04 Aug 2020 18:51

Instrument :

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ClientSampleId :

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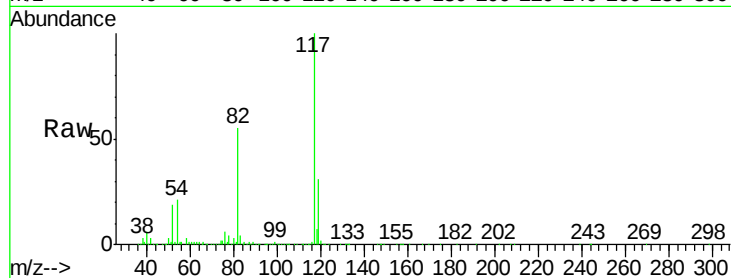
Tgt Ion:117 Resp: 825085

Ion Ratio Lower Upper

117 100

82 54.8 44.0 66.0

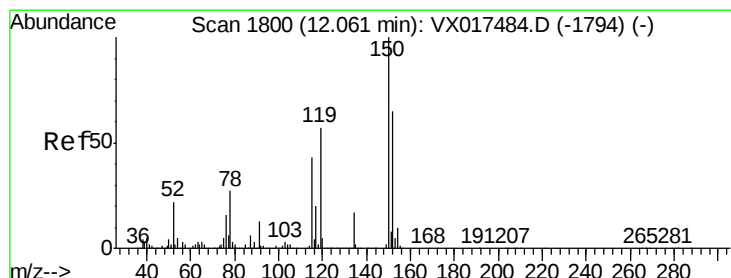
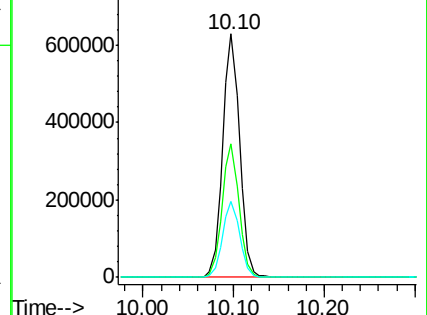
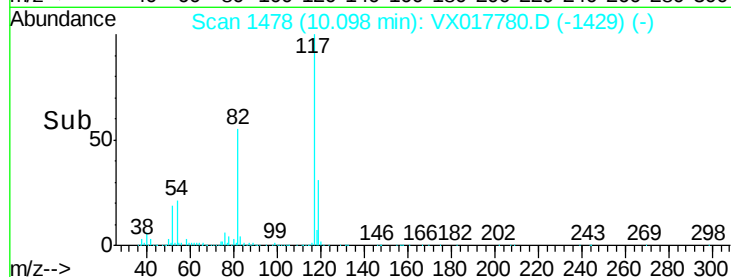
119 31.0 25.4 38.0



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: VX017780.D

Acq: 04 Aug 2020 18:51

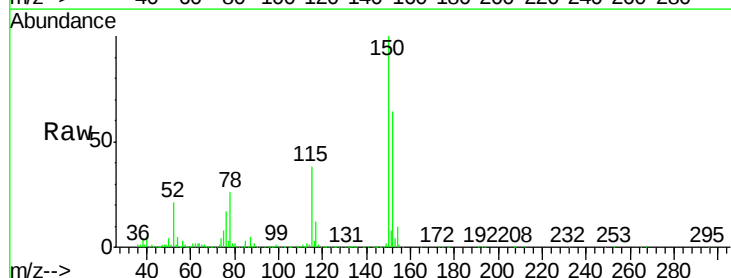
Tgt Ion:152 Resp: 403029

Ion Ratio Lower Upper

152 100

115 58.1 65.5 196.6#

150 156.6 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

