

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
 Data File : VX017582.D
 Acq On : 25 Jul 2020 09:33
 Operator : JC/SP
 Sample : L3382-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CTR-023

Quant Time: Jul 27 02:12:37 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

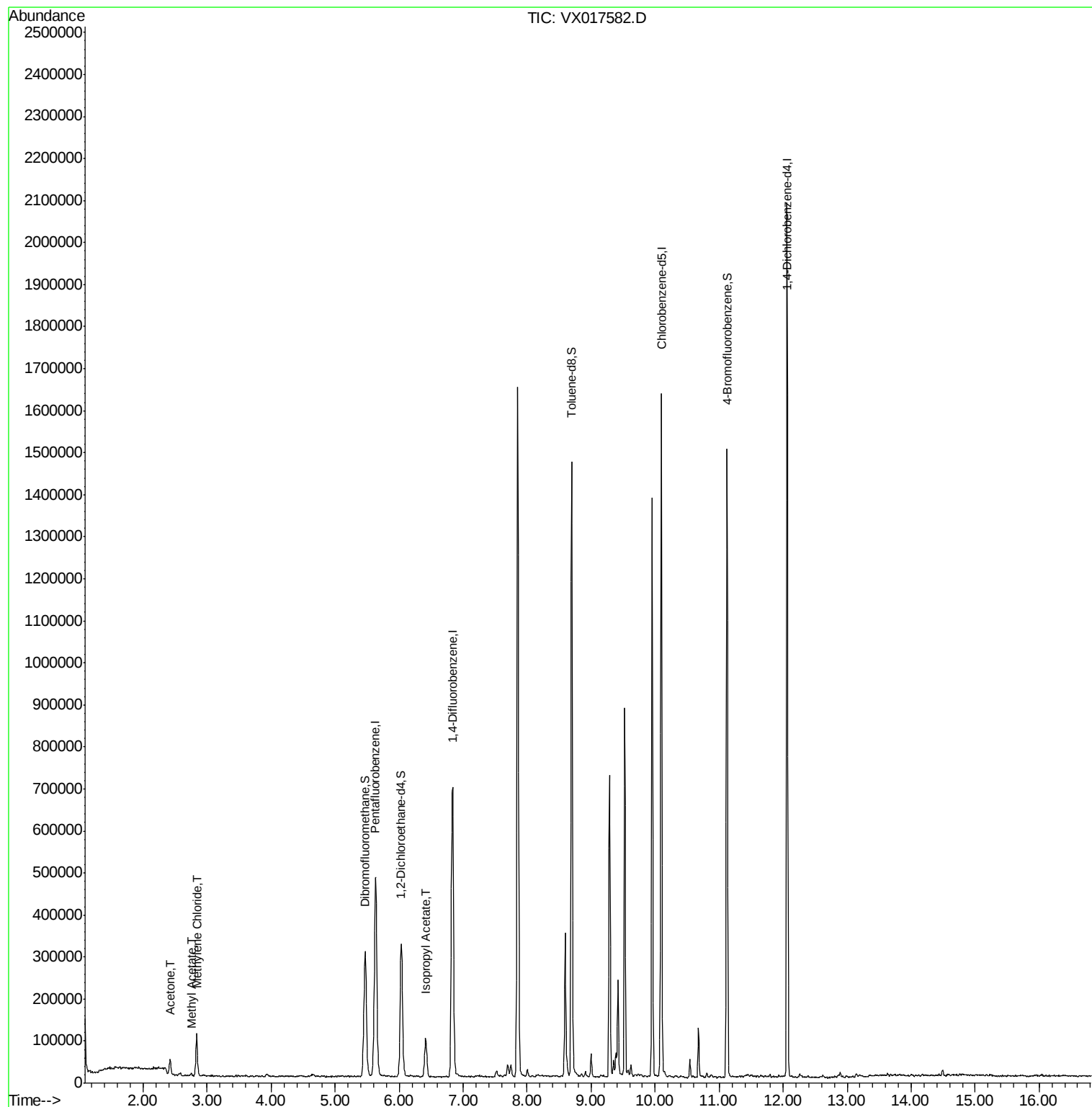
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	454707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	713093	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	753094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	409153	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	317877	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
35) Dibromofluoromethane	5.46	113	261121	54.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.50%	
50) Toluene-d8	8.70	98	869619	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.12	95	384507	55.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.68%	
Target Compounds						
16) Acetone	2.42	43	39053	15.191	ug/l	96
18) Methyl Acetate	2.75	43	9263	1.530	ug/l #	87
20) Methylene Chloride	2.84	84	43840	7.975	ug/l	96
43) Isopropyl Acetate	6.42	43	127731	10.345	ug/l	99

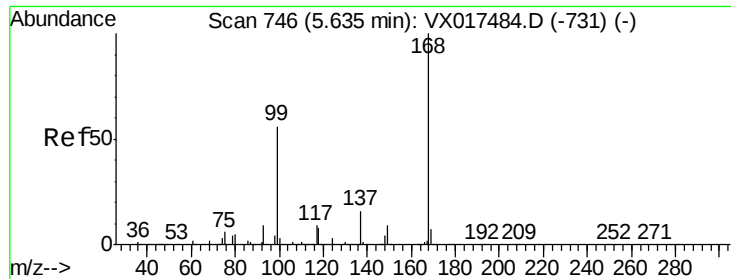
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017582.D

Acq: 25 Jul 2020 09:33

Instrument :

MSVOA_X

ClientSampleId :

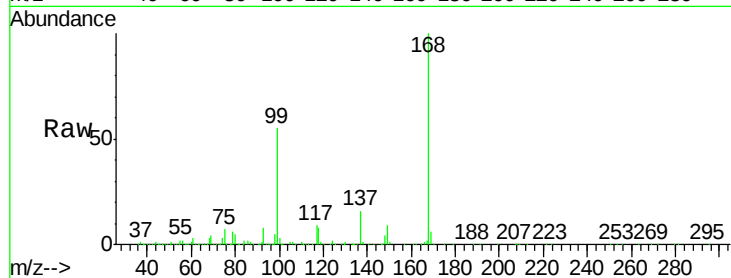
CTR-023

Tgt Ion:168 Resp: 454707

Ion Ratio Lower Upper

168 100

99 55.4 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

150000

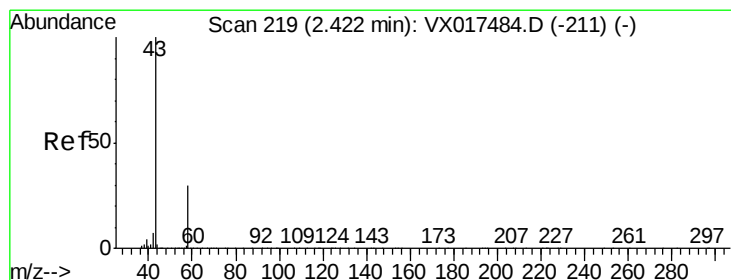
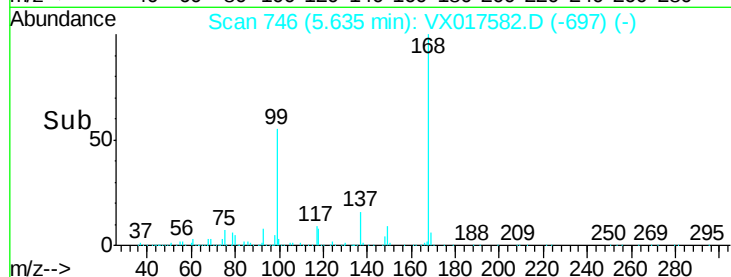
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 15.191 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017582.D

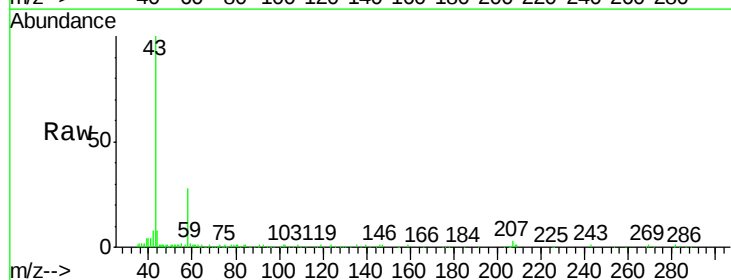
Acq: 25 Jul 2020 09:33

Tgt Ion: 43 Resp: 39053

Ion Ratio Lower Upper

43 100

58 28.2 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

25000

20000

15000

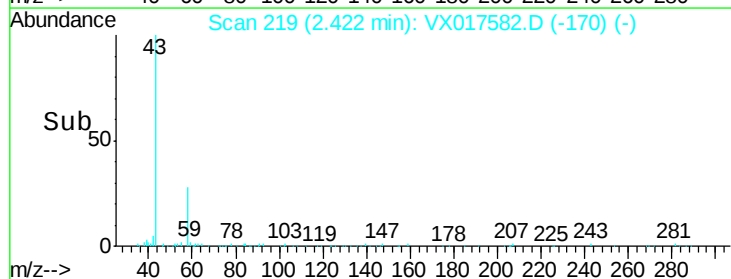
10000

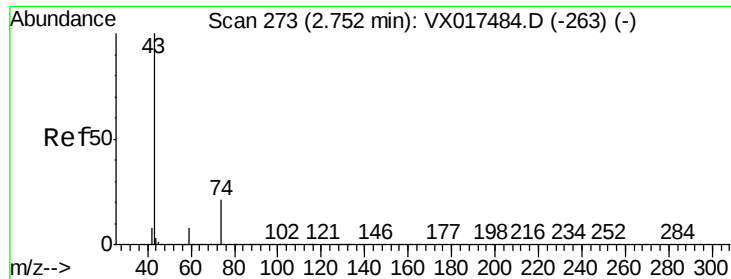
5000

0

Time-->

2.35 2.40 2.45 2.50

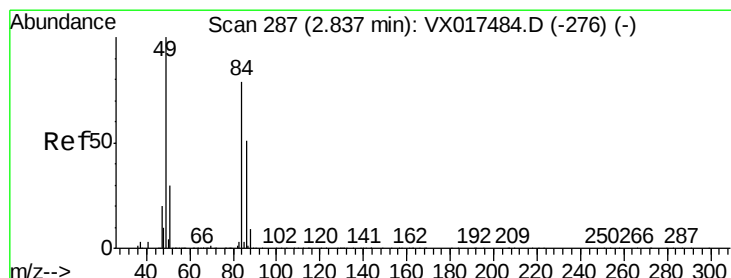
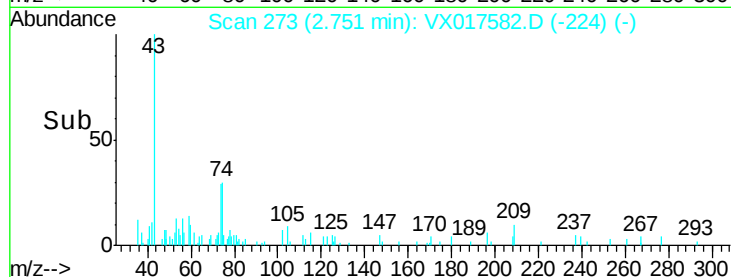
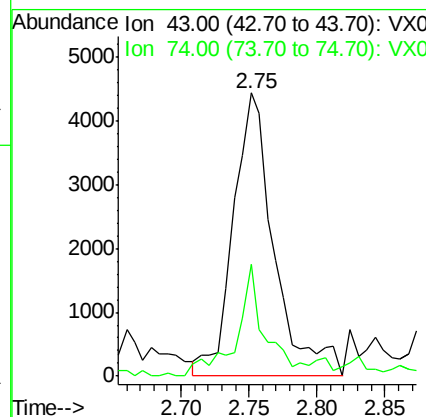
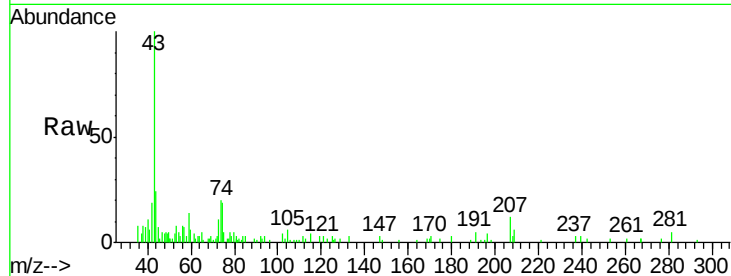




#18
Methyl Acetate
Concen: 1.530 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017582.D
Acq: 25 Jul 2020 09:33

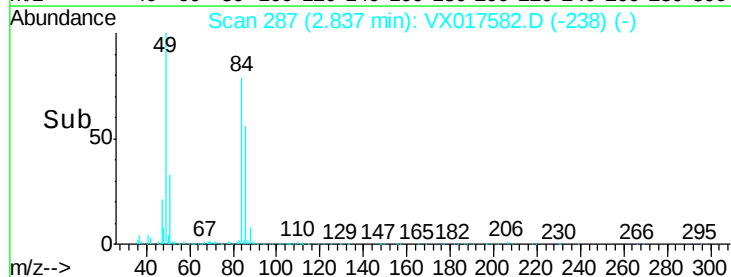
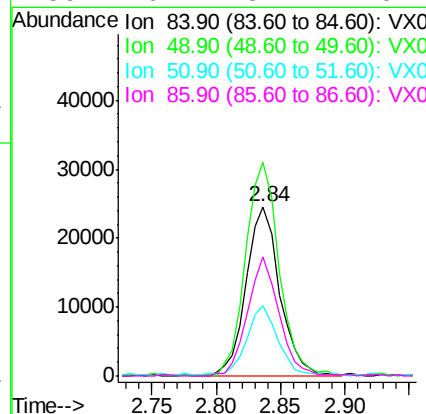
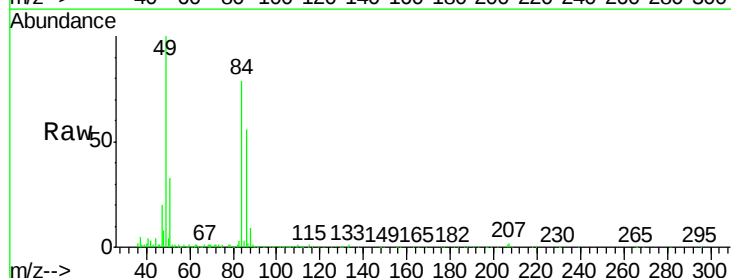
Instrument :
MSVOA_X
ClientSampleId :
CTR-023

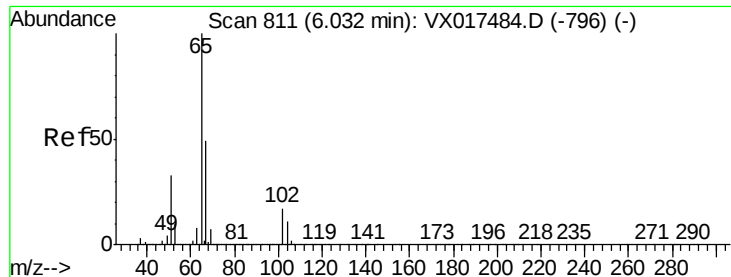
Tgt Ion: 43 Resp: 9263
Ion Ratio Lower Upper
43 100
74 28.1 17.5 26.3#



#20
Methylene Chloride
Concen: 7.975 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017582.D
Acq: 25 Jul 2020 09:33

Tgt Ion: 84 Resp: 43840
Ion Ratio Lower Upper
84 100
49 126.5 100.3 150.5
51 41.3 30.5 45.7
86 70.4 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 54.423 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017582.D

Acq: 25 Jul 2020 09:33

Instrument :

MSVOA_X

ClientSampled :

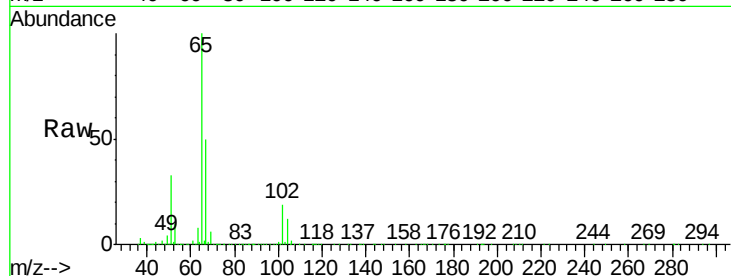
CTR-023

Tgt Ion: 65 Resp: 317877

Ion Ratio Lower Upper

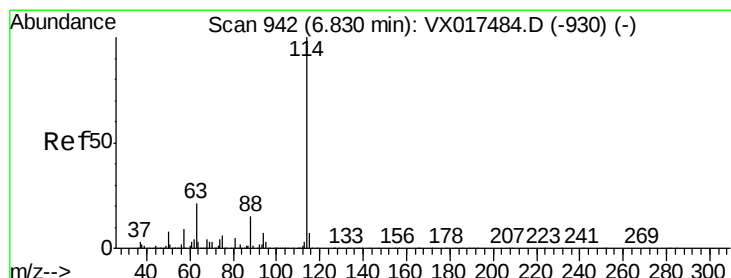
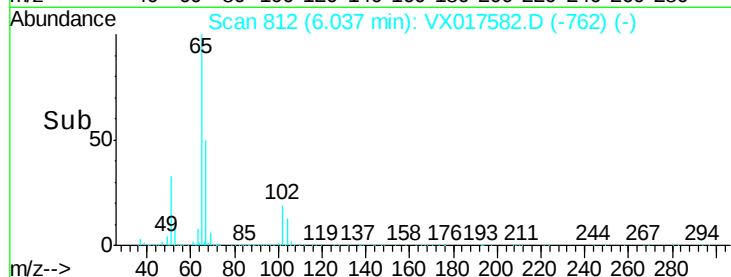
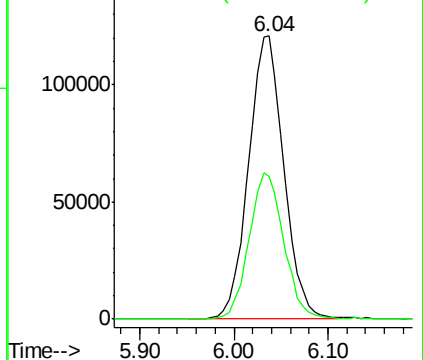
65 100

67 50.7 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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017582.D

Acq: 25 Jul 2020 09:33

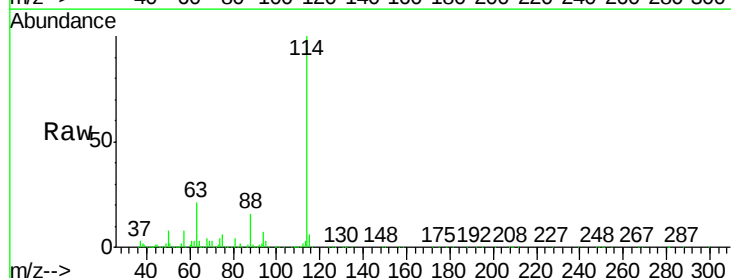
Tgt Ion: 114 Resp: 713093

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.6

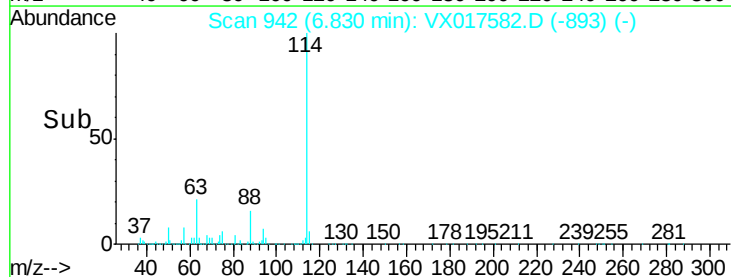
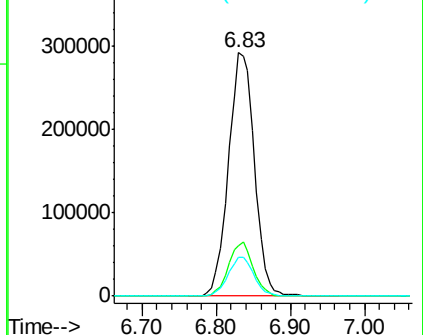
88 16.1 0.0 33.4

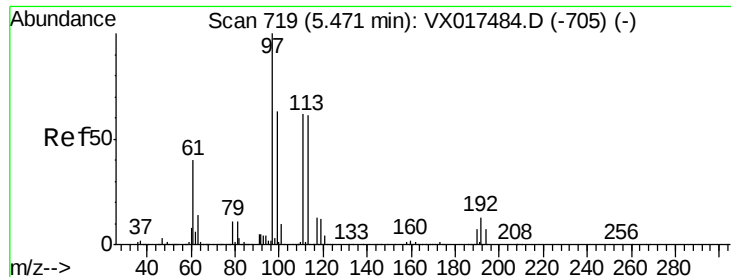


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.751 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017582.D

Acq: 25 Jul 2020 09:33

Instrument :

MSVOA_X

ClientSampled :

CTR-023

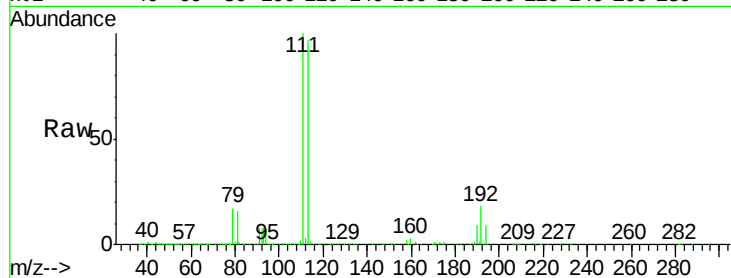
Tgt Ion:113 Resp: 261121

Ion Ratio Lower Upper

113 100

111 103.3 80.7 121.1

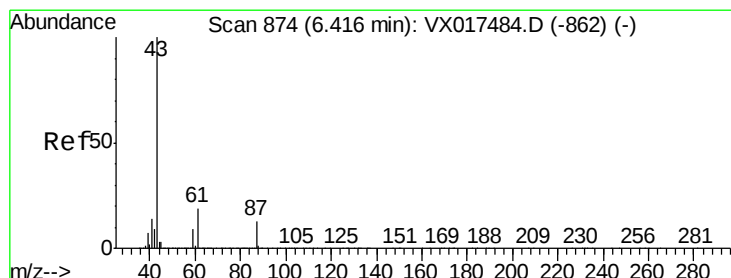
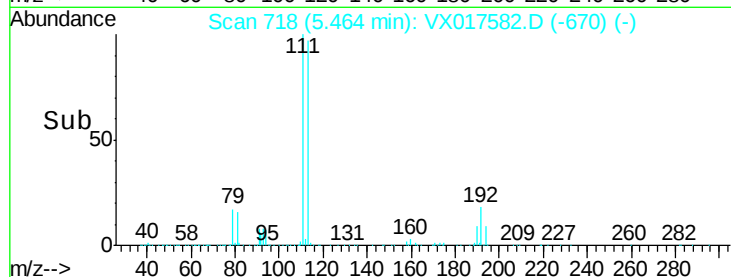
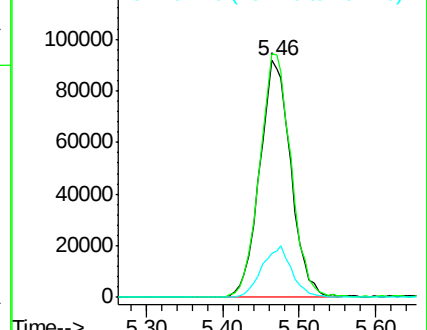
192 20.8 16.9 25.3



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: 10.345 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017582.D

Acq: 25 Jul 2020 09:33

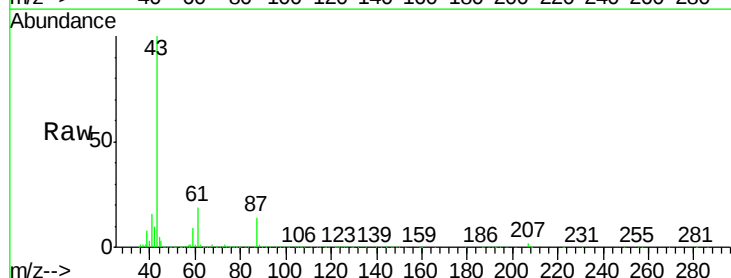
Tgt Ion: 43 Resp: 127731

Ion Ratio Lower Upper

43 100

61 18.8 15.5 23.3

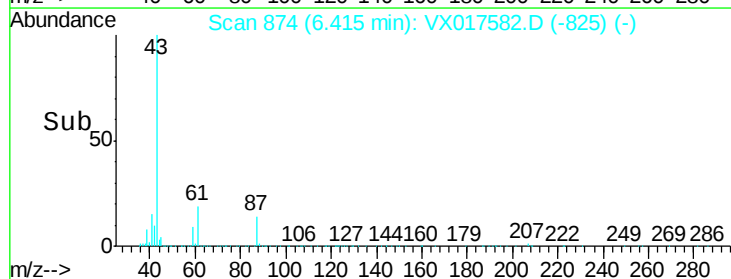
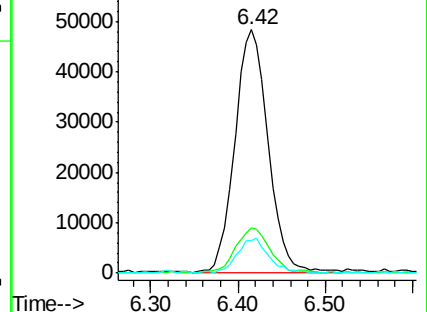
87 13.5 10.5 15.7

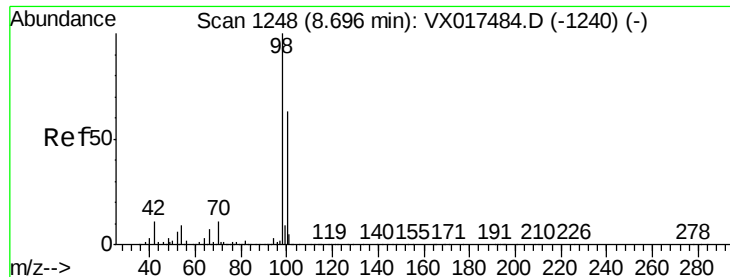


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.545 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017582.D

Acq: 25 Jul 2020 09:33

Instrument :

MSVOA_X

ClientSampleId :

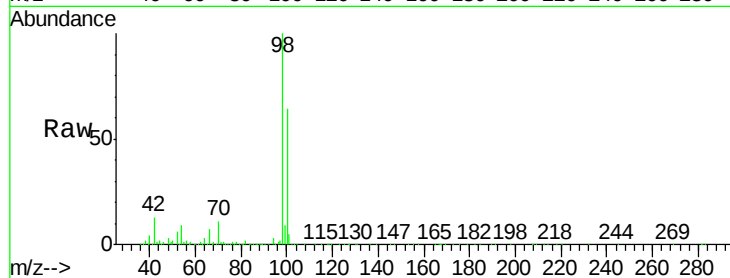
CTR-023

Tgt Ion: 98 Resp: 869619

Ion Ratio Lower Upper

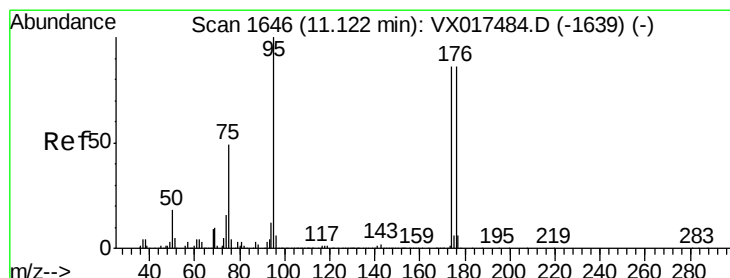
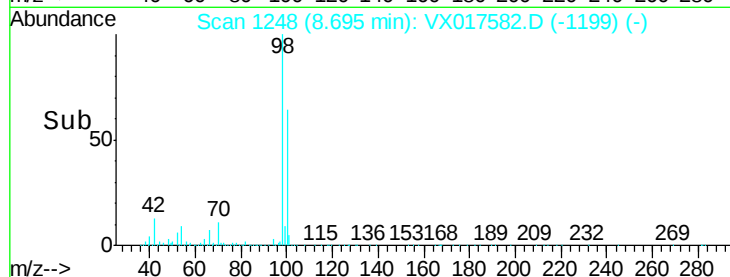
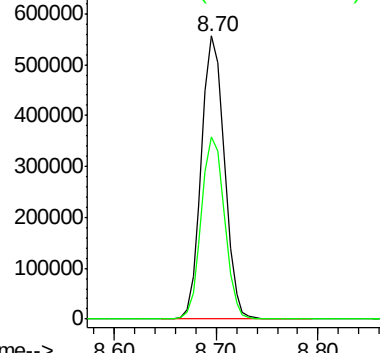
98 100

100 64.7 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 55.844 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017582.D

Acq: 25 Jul 2020 09:33

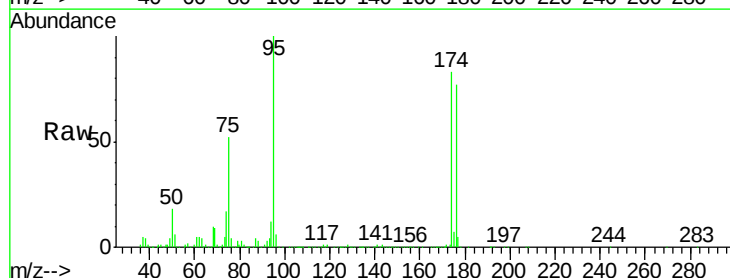
Tgt Ion: 95 Resp: 384507

Ion Ratio Lower Upper

95 100

174 85.5 0.0 169.0

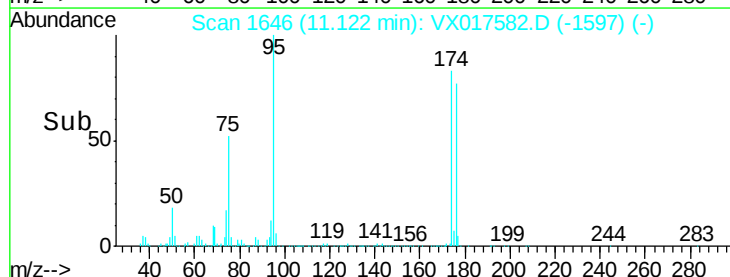
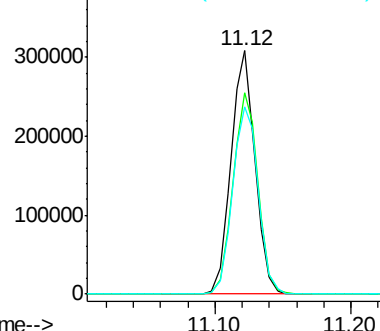
176 81.8 0.0 161.0

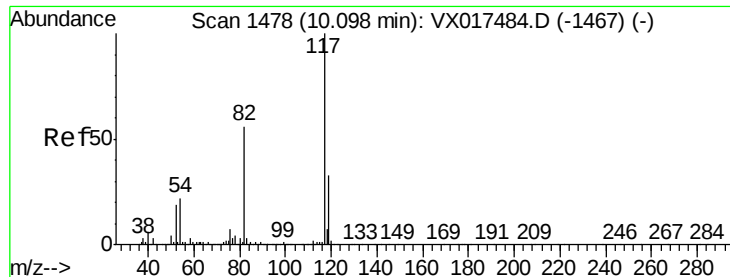


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX017582.D

Acq: 25 Jul 2020 09:33

Instrument :

MSVOA_X

ClientSampleId :

CTR-023

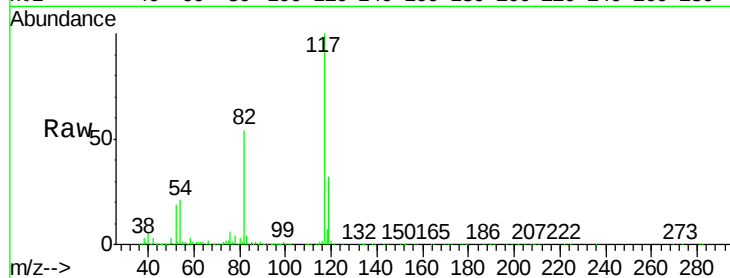
Tgt Ion:117 Resp: 753094

Ion Ratio Lower Upper

117 100

82 54.4 44.0 66.0

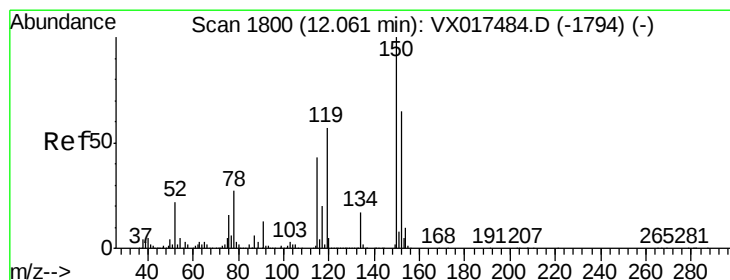
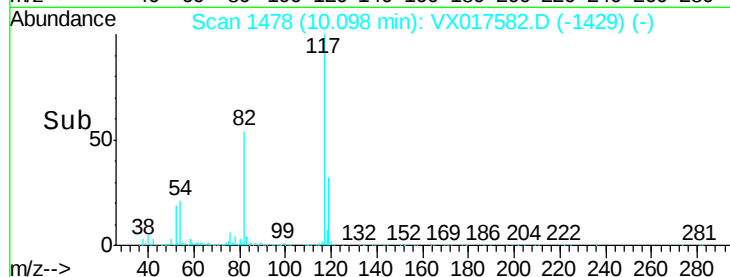
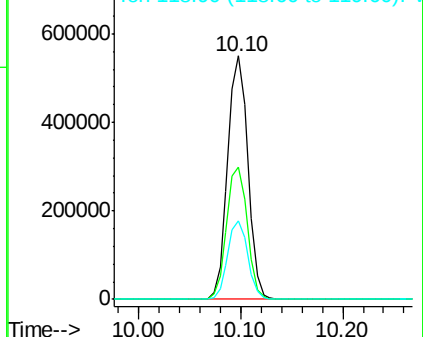
119 32.1 25.4 38.0



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: VX017582.D

Acq: 25 Jul 2020 09:33

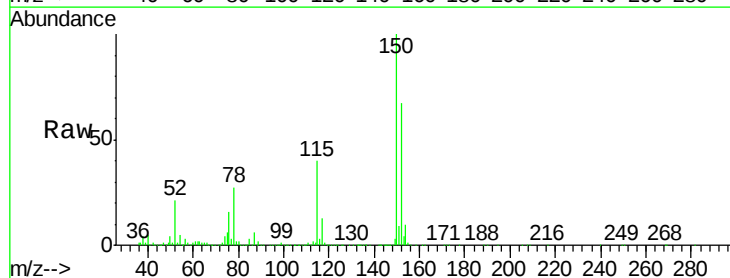
Tgt Ion:152 Resp: 409153

Ion Ratio Lower Upper

152 100

115 58.9 65.5 196.6#

150 157.4 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

