

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
 Data File : VX017500.D
 Acq On : 23 Jul 2020 18:16
 Operator : JC/SP
 Sample : L3189-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-02-072120

Quant Time: Jul 24 06:38:46 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

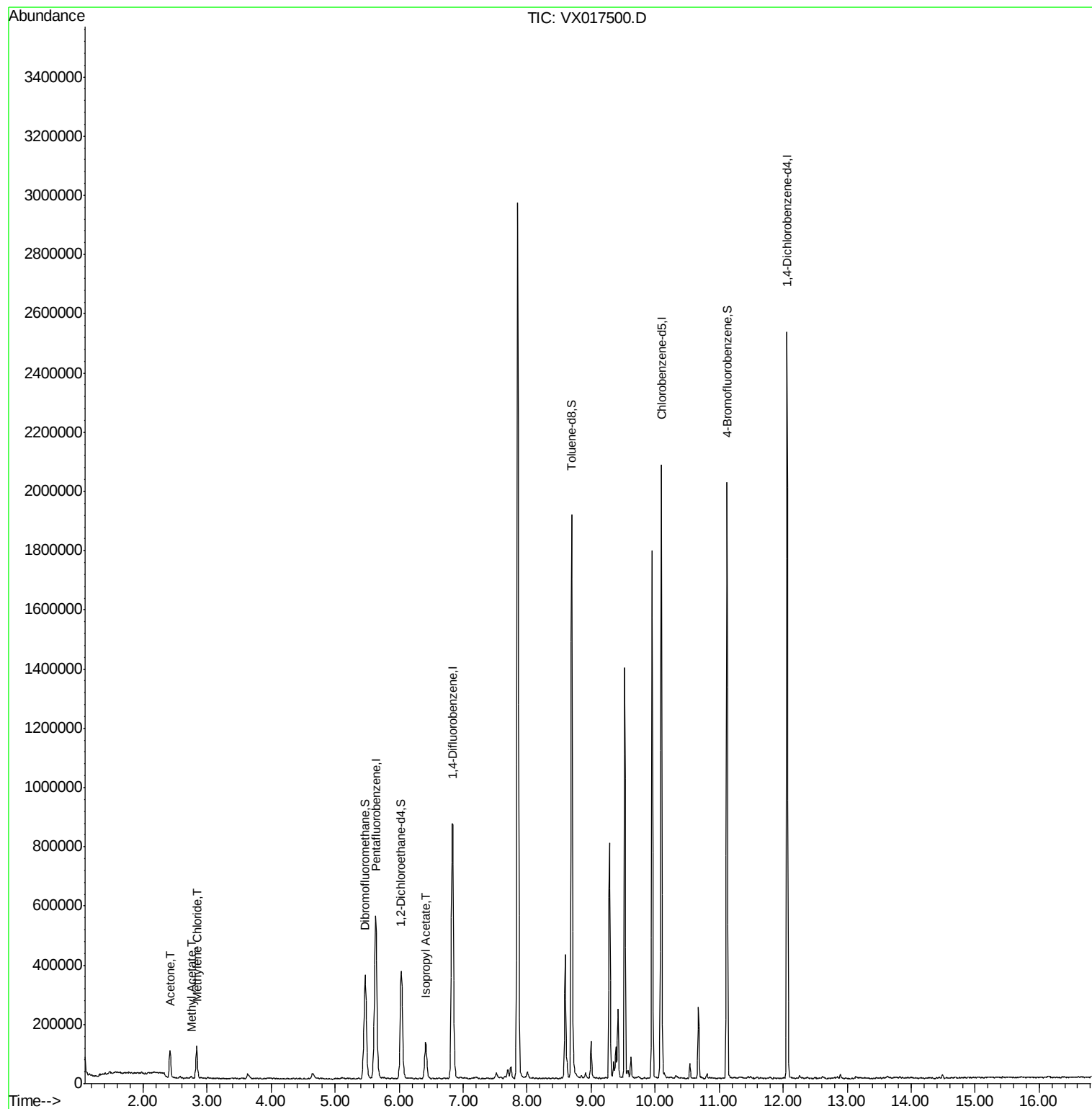
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	527993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	881777	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	955094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	504824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	361642	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
35) Dibromofluoromethane	5.47	113	295941	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	8.70	98	1124868	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	11.12	95	499317	58.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.30%	
Target Compounds						
16) Acetone	2.42	43	97539	32.675	ug/l	97
18) Methyl Acetate	2.75	43	8192	1.165	ug/l #	86
20) Methylene Chloride	2.84	84	48969	7.622	ug/l	95
43) Isopropyl Acetate	6.42	43	167366	10.962	ug/l	99

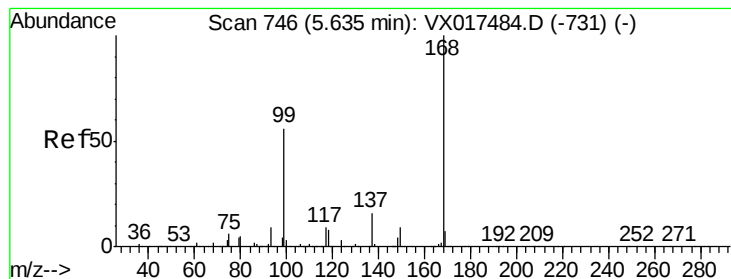
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX017500.D

Acq: 23 Jul 2020 18:16

Instrument :

MSVOA_X

ClientSampleId :

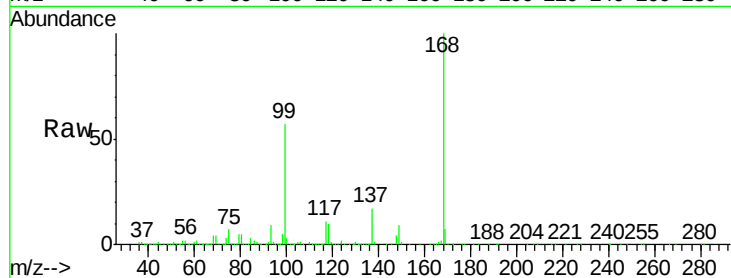
BU-02-072120

Tot Ion:168 Resp: 527993

Ion Ratio Lower Upper

168 100

99 56.9 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

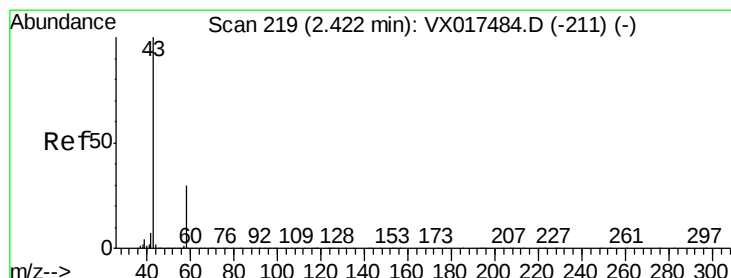
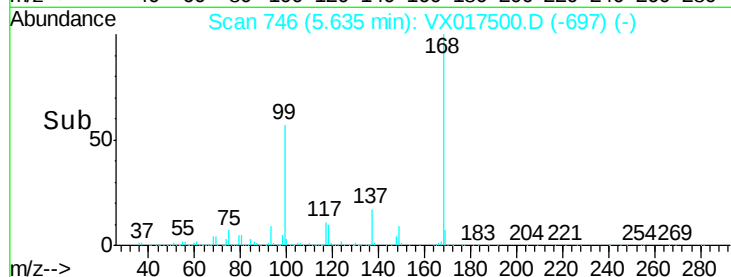
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 32.675 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017500.D

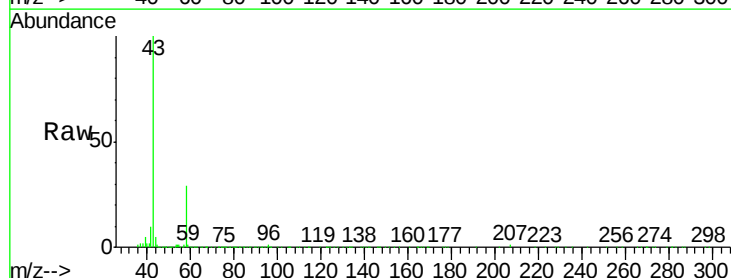
Acq: 23 Jul 2020 18:16

Tgt Ion: 43 Resp: 97539

Ion Ratio Lower Upper

43 100

58 28.9 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

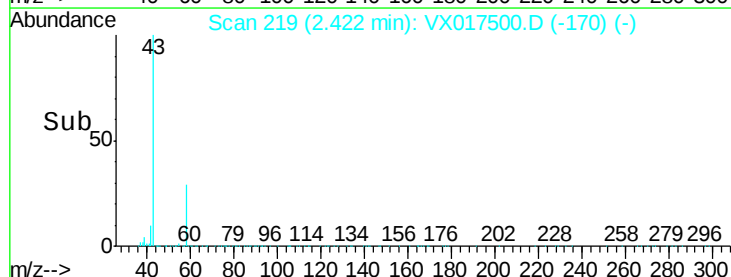
60000

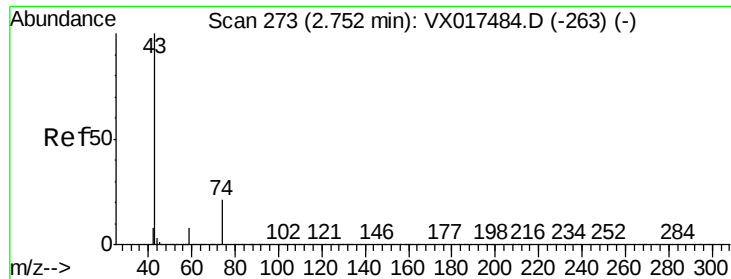
40000

20000

0

Time-->

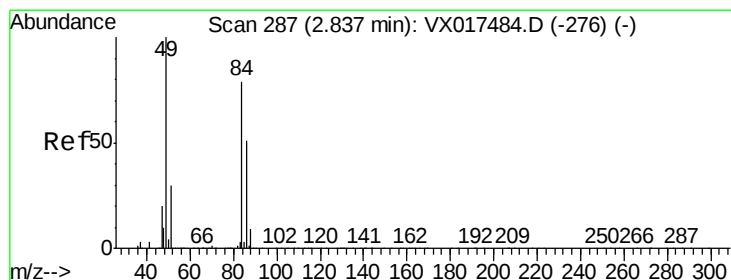
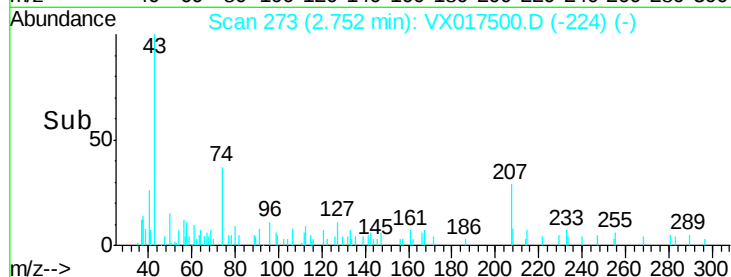
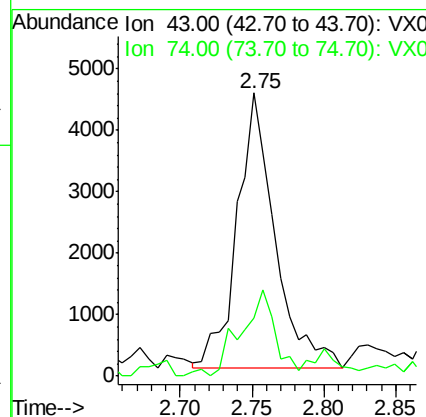
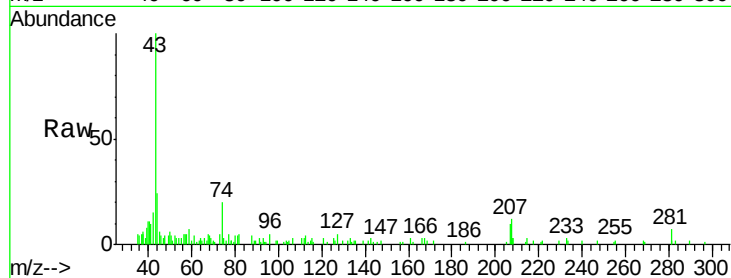




#18
Methvl Acetate
Concen: 1.165 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017500.D
Acq: 23 Jul 2020 18:16

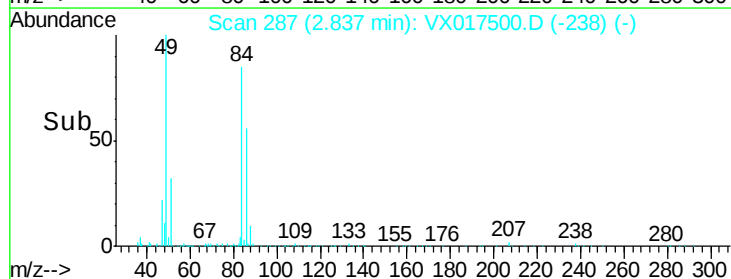
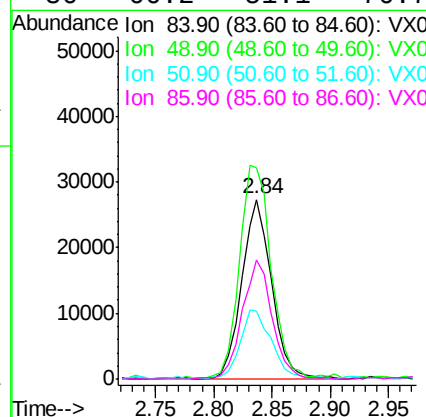
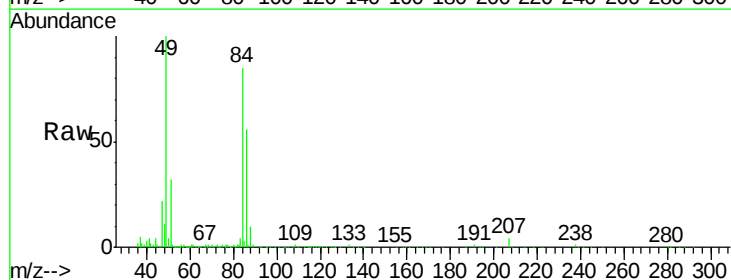
Instrument :
MSVOA_X
ClientSampleId :
BU-02-072120

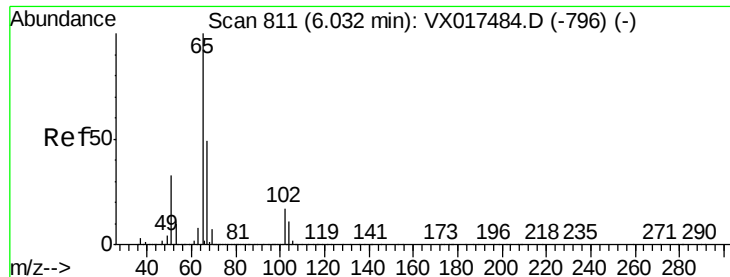
Tot Ion: 43 Resp: 8192
Ion Ratio Lower Upper
43 100
74 28.7 17.5 26.3#



#20
Methylene Chloride
Concen: 7.622 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017500.D
Acq: 23 Jul 2020 18:16

Tgt Ion: 84 Resp: 48969
Ion Ratio Lower Upper
84 100
49 117.5 100.3 150.5
51 37.7 30.5 45.7
86 66.2 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 53.321 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017500.D

Acq: 23 Jul 2020 18:16

Instrument :

MSVOA_X

ClientSampleId :

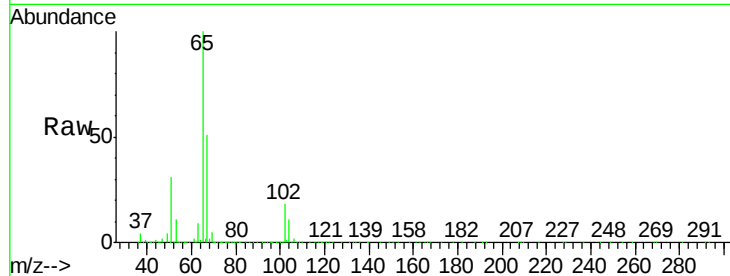
BU-02-072120

Tot Ion: 65 Resp: 361642

Ion Ratio Lower Upper

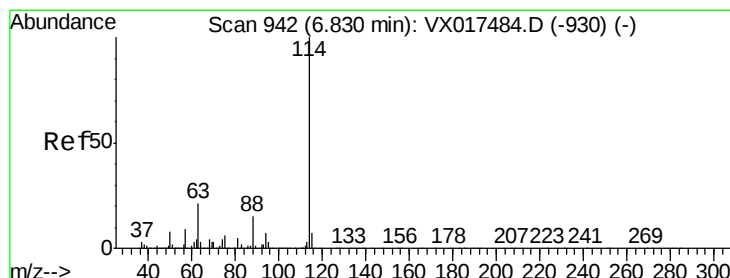
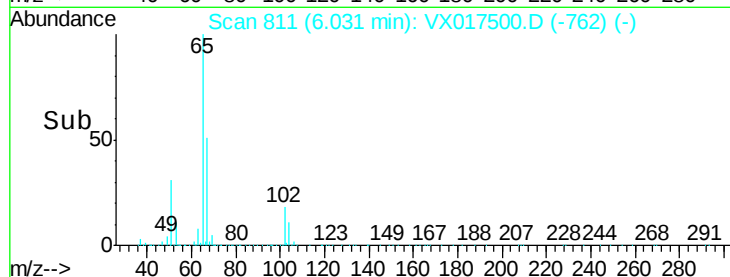
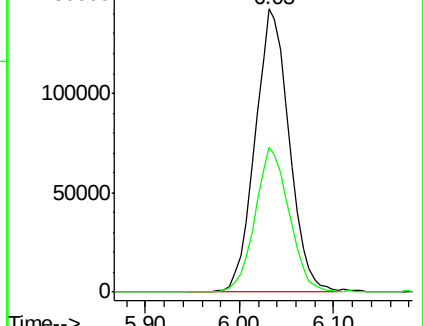
65 100

67 51.2 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: VX017500.D

Acq: 23 Jul 2020 18:16

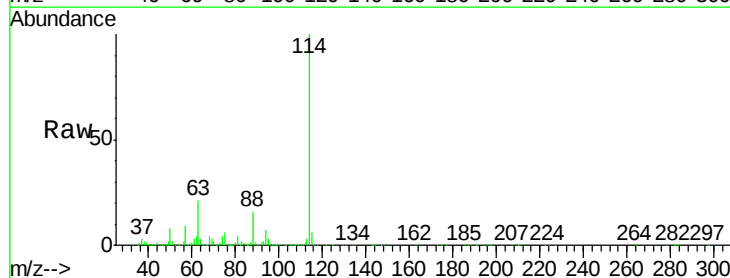
Tgt Ion: 114 Resp: 881777

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.6

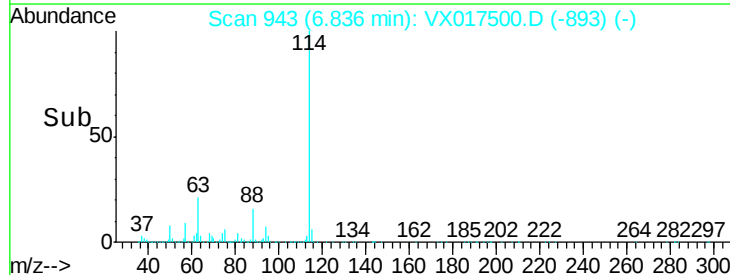
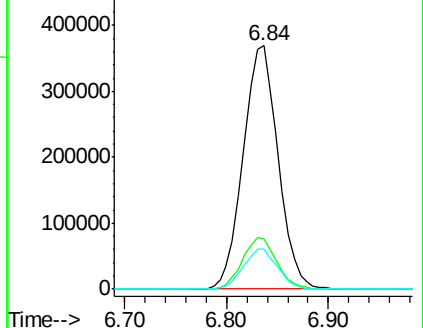
88 16.3 0.0 33.4

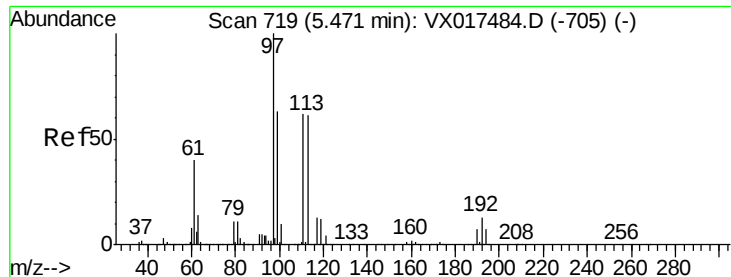


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

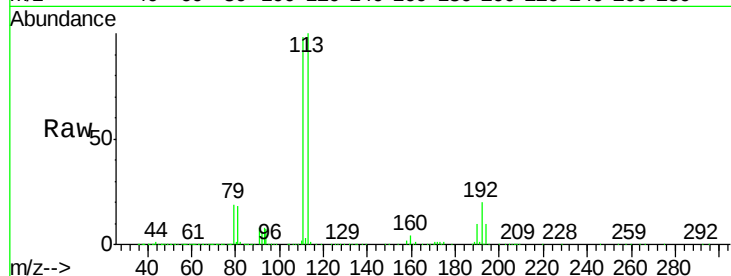




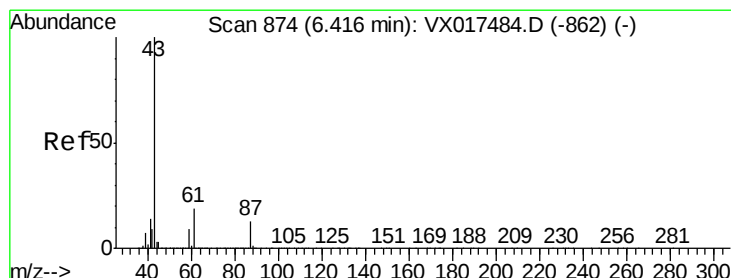
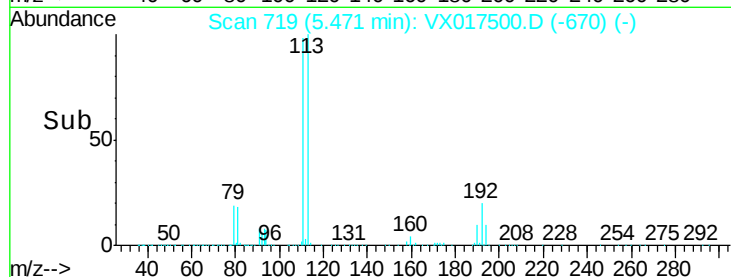
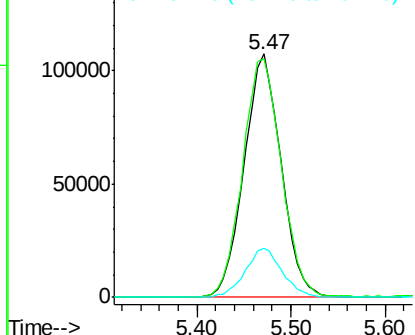
#35
 Dibromofluoromethane
 Concen: 50.182 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017500.D
 Acq: 23 Jul 2020 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-02-072120

Tot Ion:113 Resp: 295941
 Ion Ratio Lower Upper
 113 100
 111 102.9 80.7 121.1
 192 20.5 16.9 25.3

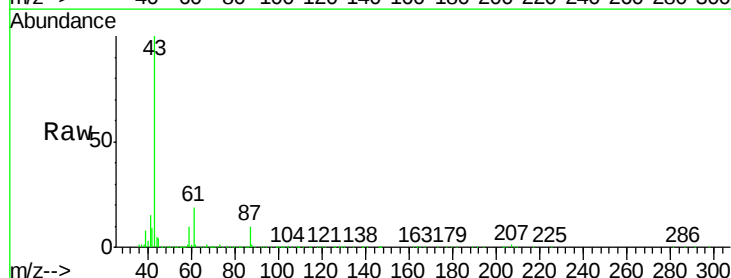


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

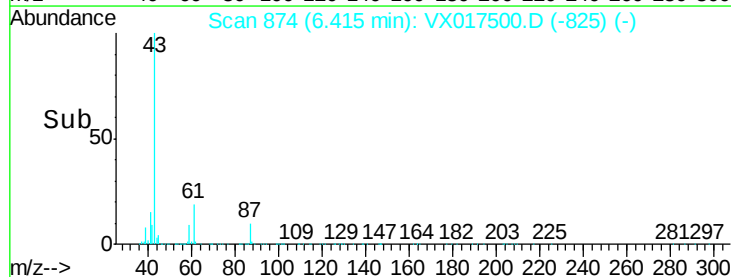
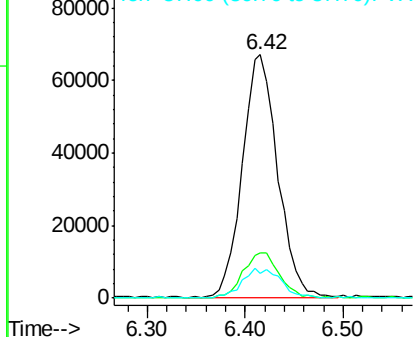


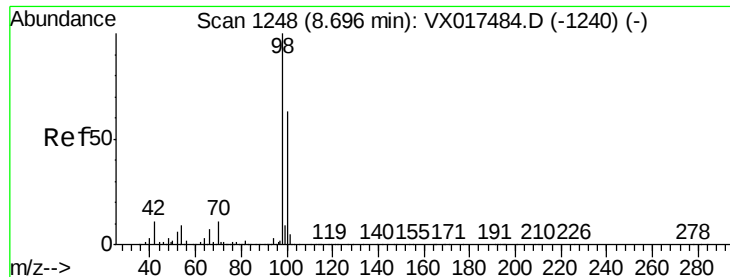
#43
 Isopropyl Acetate
 Concen: 10.962 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017500.D
 Acq: 23 Jul 2020 18:16

Tgt Ion: 43 Resp: 167366
 Ion Ratio Lower Upper
 43 100
 61 19.1 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: 52.874 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017500.D

Acq: 23 Jul 2020 18:16

Instrument :

MSVOA_X

ClientSampleId :

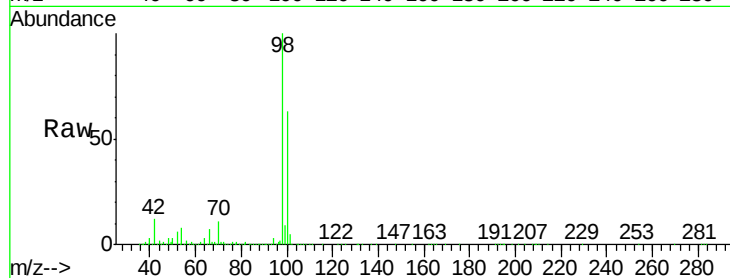
BU-02-072120

Tot Ion: 98 Resp: 1124868

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

800000

600000

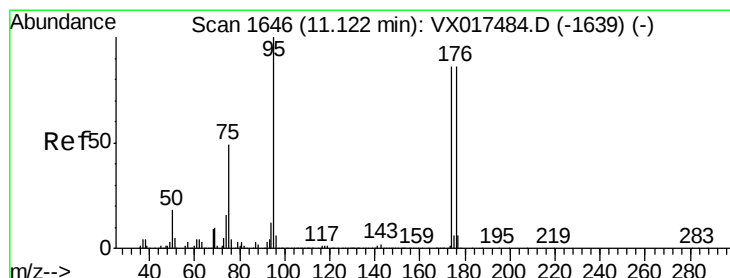
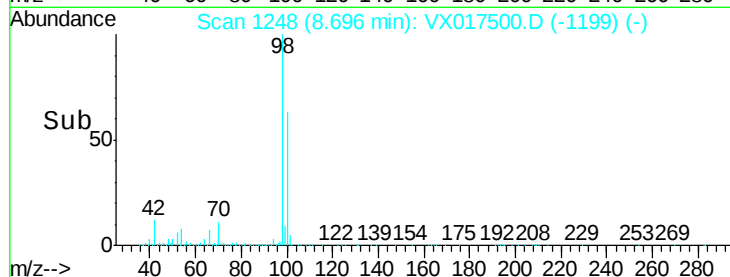
400000

200000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 58.646 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017500.D

Acq: 23 Jul 2020 18:16

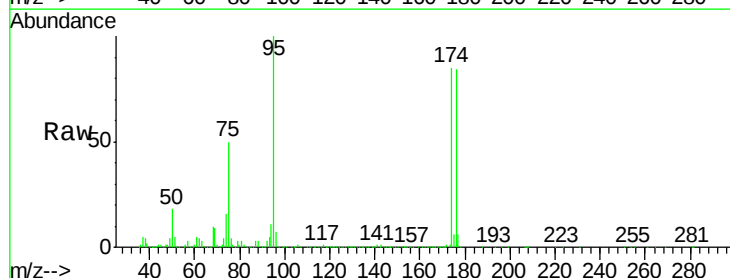
Tgt Ion: 95 Resp: 499317

Ion Ratio Lower Upper

95 100

174 83.9 0.0 169.0

176 81.3 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

11.12

500000

400000

300000

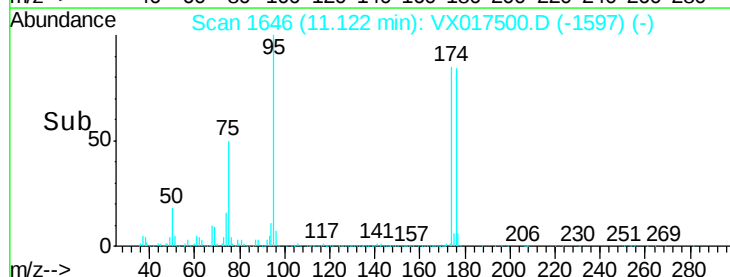
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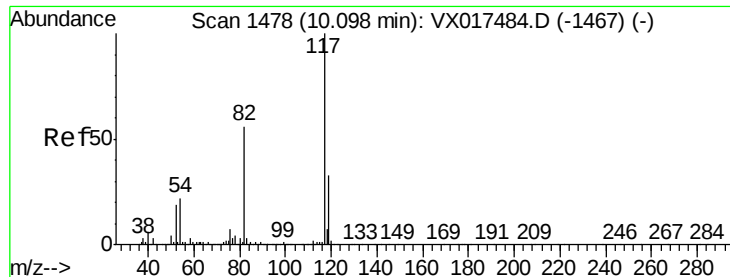
100000

0

11.00 11.10 11.20

Time-->

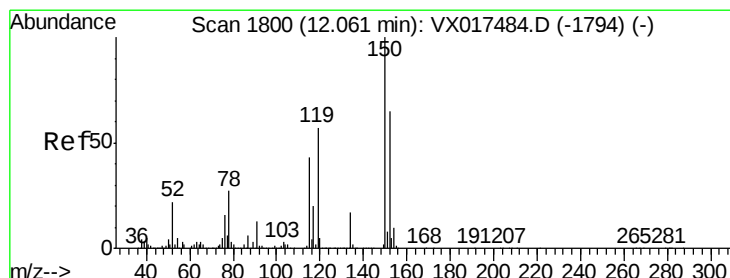
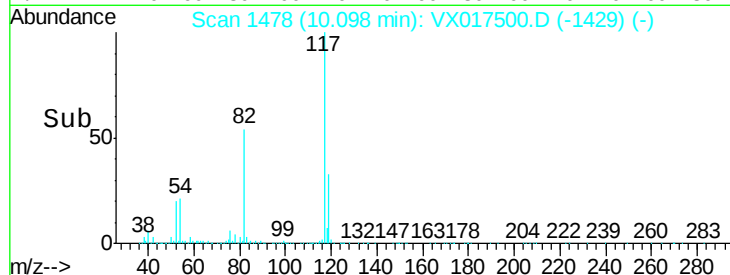
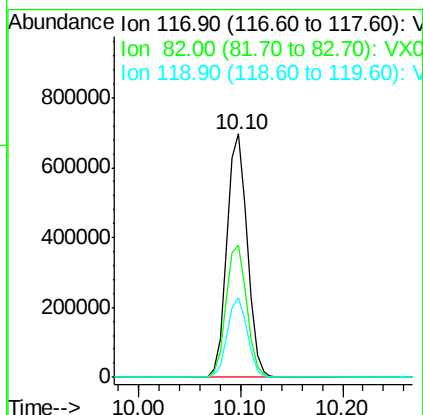
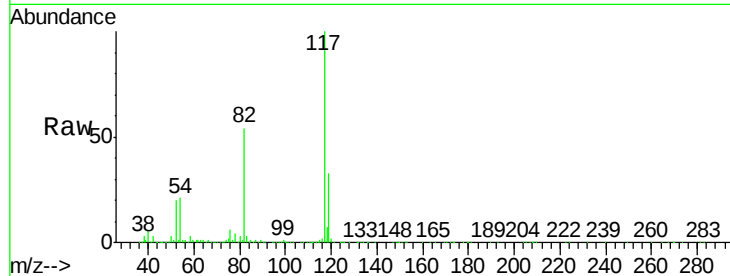




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017500.D
Acq: 23 Jul 2020 18:16

Instrument :
MSVOA_X
ClientSampleId :
BU-02-072120

Tot Ion:117 Resp: 955094
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017500.D
Acq: 23 Jul 2020 18:16

Tgt Ion:152 Resp: 504824
Ion Ratio Lower Upper
152 100
115 58.8 65.5 196.6#
150 160.7 0.0 412.6

