

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
 Data File : VX017578.D
 Acq On : 25 Jul 2020 08:02
 Operator : JC/SP
 Sample : PB130430ZHE#14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130430ZHE#14

Quant Time: Jul 27 01:34:55 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

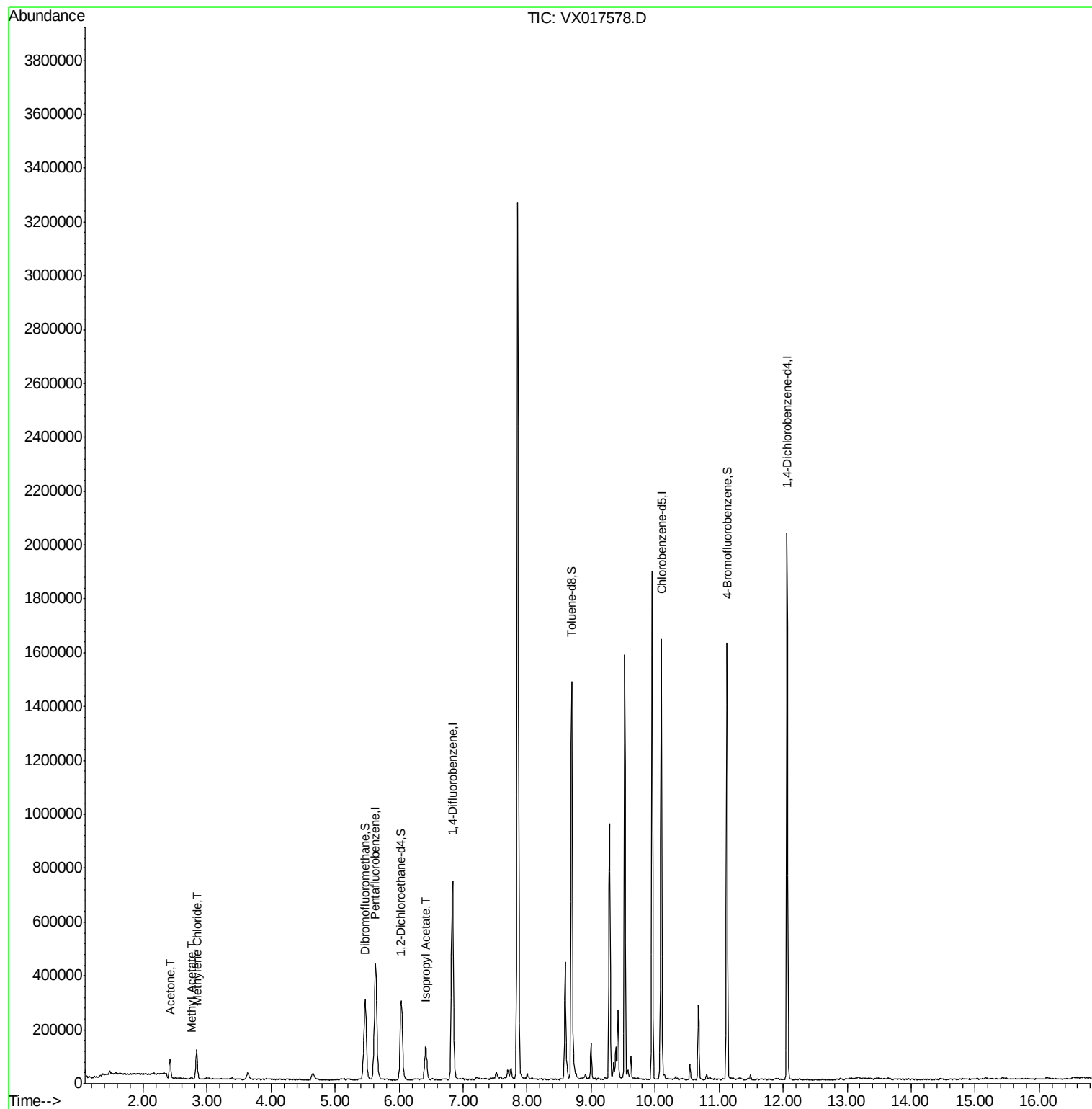
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	416528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	728167	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	744424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	411073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	302427	56.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.04%	
35) Dibromofluoromethane	5.47	113	255140	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
50) Toluene-d8	8.70	98	910363	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	11.12	95	409809	58.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.58%	
Target Compounds						
16) Acetone	2.42	43	76779	32.603	ug/l	96
18) Methyl Acetate	2.75	43	8481	1.529	ug/l #	84
20) Methylene Chloride	2.84	84	51774	10.663	ug/l	93
43) Isopropyl Acetate	6.41	43	169401	13.436	ug/l	98

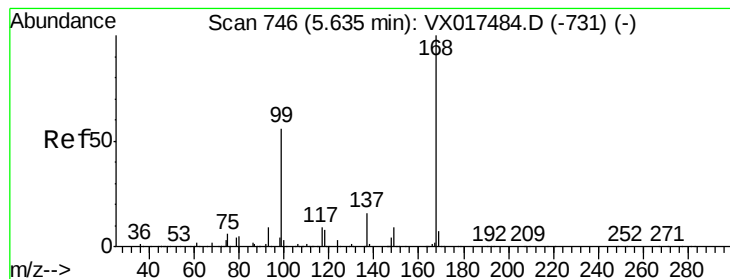
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017578.D

Acq: 25 Jul 2020 08:02

Instrument :

MSVOA_X

ClientSampleId :

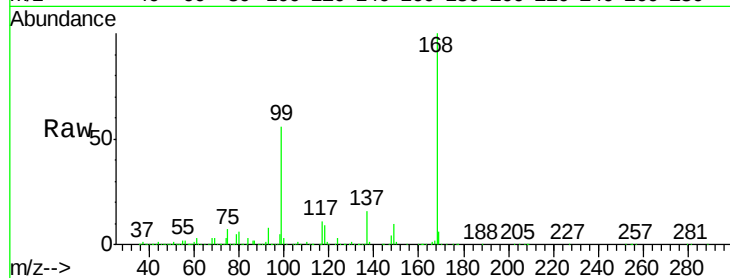
PB130430ZHE#14

Tgt Ion:168 Resp: 416528

Ion Ratio Lower Upper

168 100

99 55.6 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

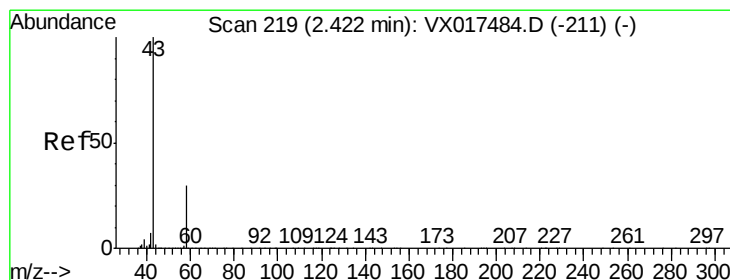
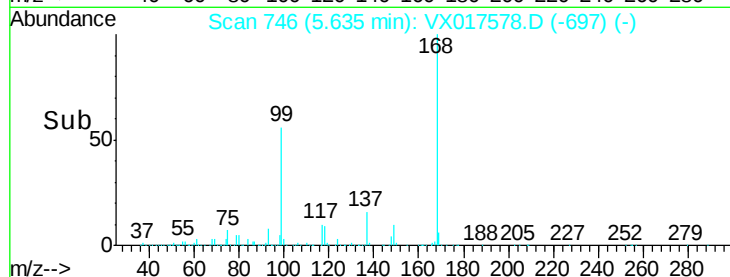
100000

50000

0

5.50 5.60 5.70

Time-->



#16

Acetone

Concen: 32.603 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017578.D

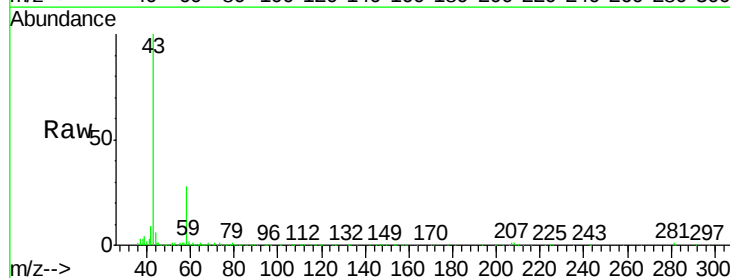
Acq: 25 Jul 2020 08:02

Tgt Ion: 43 Resp: 76779

Ion Ratio Lower Upper

43 100

58 28.4 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

50000

40000

30000

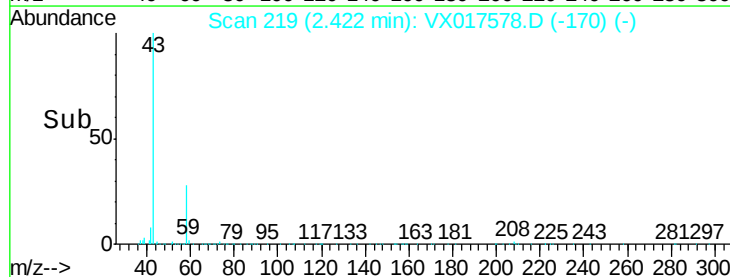
20000

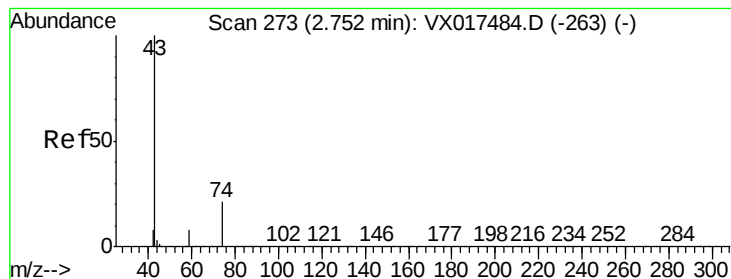
10000

0

2.35 2.40 2.45 2.50

Time-->





#18

Methyl Acetate

Concen: 1.529 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017578.D

Acq: 25 Jul 2020 08:02

Instrument :

MSVOA_X

ClientSampleId :

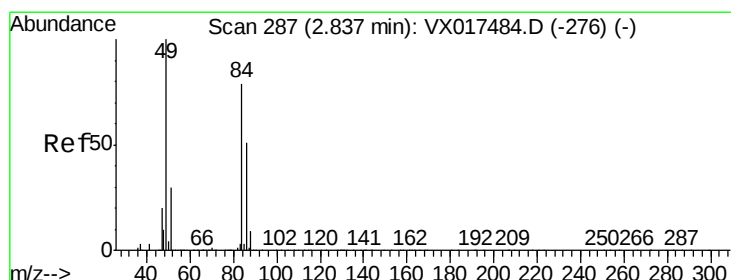
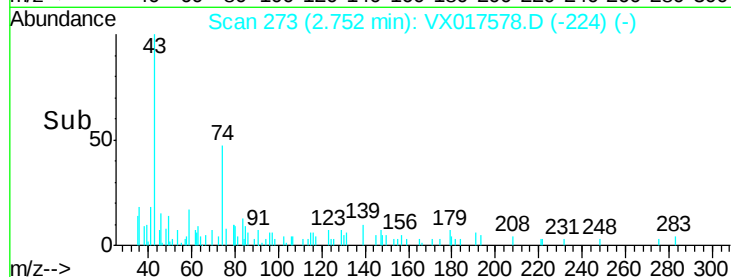
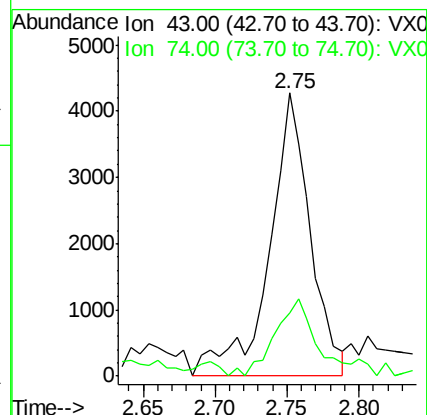
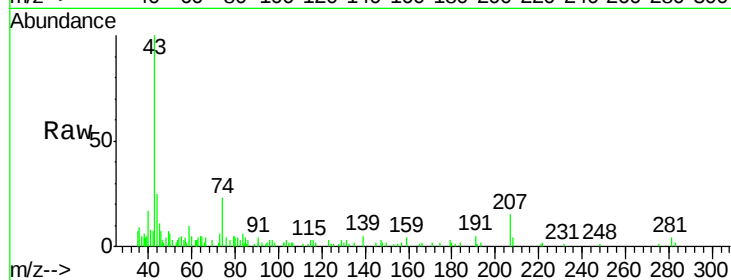
PB130430ZHE#14

Tgt Ion: 43 Resp: 8481

Ion Ratio Lower Upper

43 100

74 29.5 17.5 26.3#



#20

Methylene Chloride

Concen: 10.663 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017578.D

Acq: 25 Jul 2020 08:02

Tgt Ion: 84 Resp: 51774

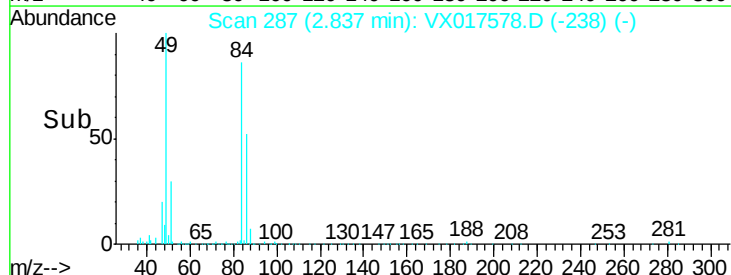
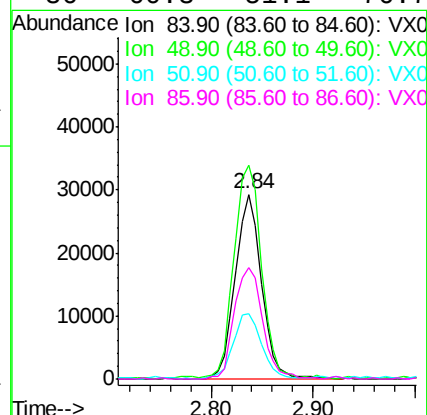
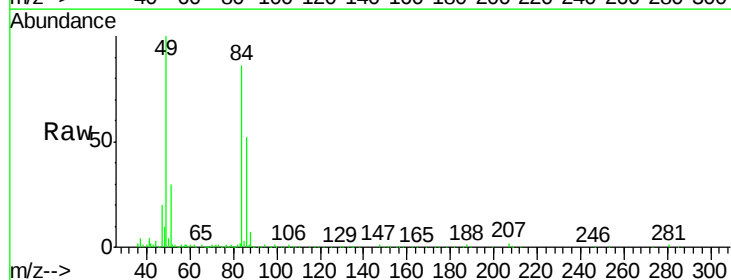
Ion Ratio Lower Upper

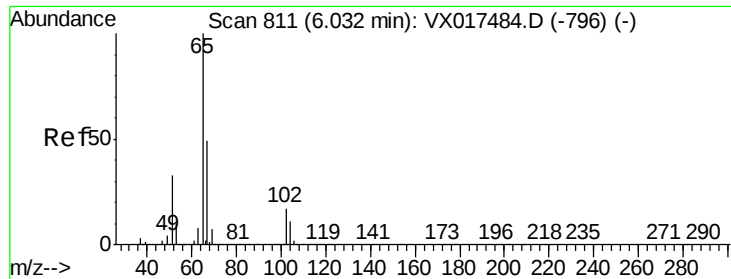
84 100

49 115.1 100.3 150.5

51 35.0 30.5 45.7

86 60.3 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 56.523 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017578.D

Acq: 25 Jul 2020 08:02

Instrument :

MSVOA_X

ClientSampleId :

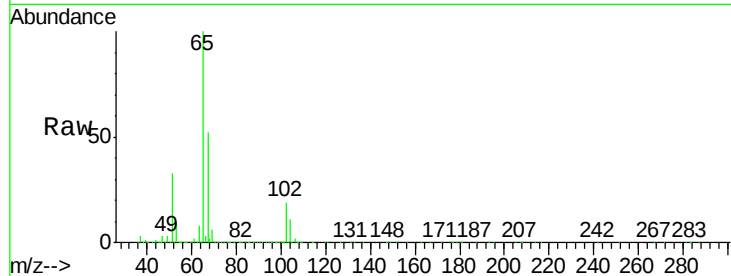
PB130430ZHE#14

Tgt Ion: 65 Resp: 302427

Ion Ratio Lower Upper

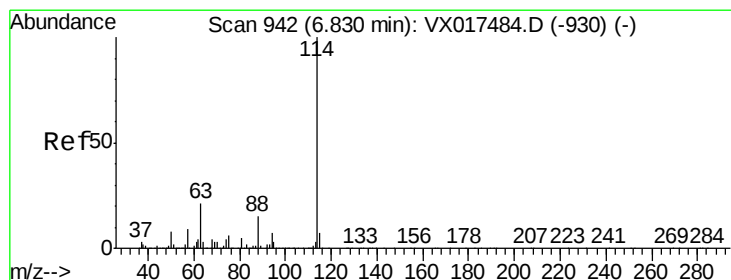
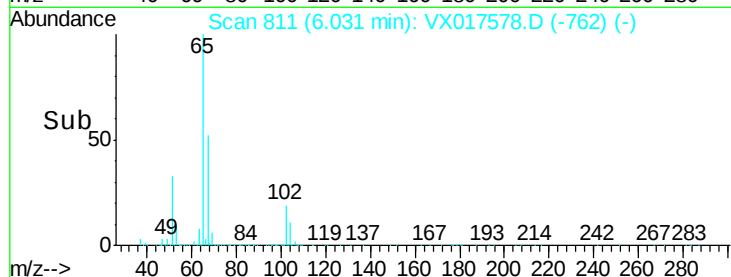
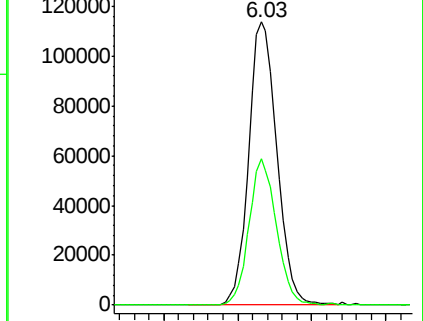
65 100

67 50.1 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: VX017578.D

Acq: 25 Jul 2020 08:02

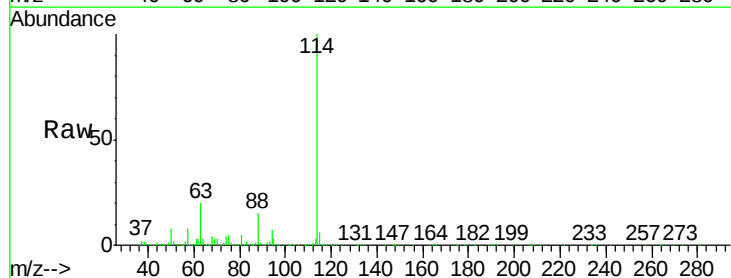
Tgt Ion: 114 Resp: 728167

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

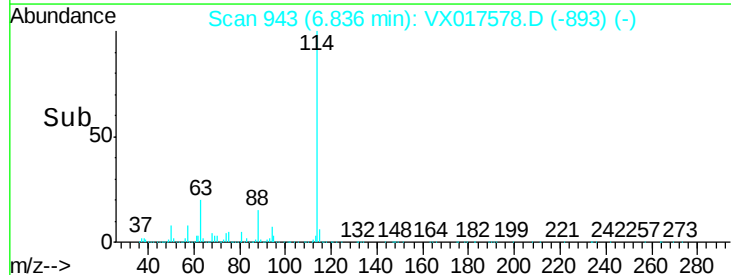
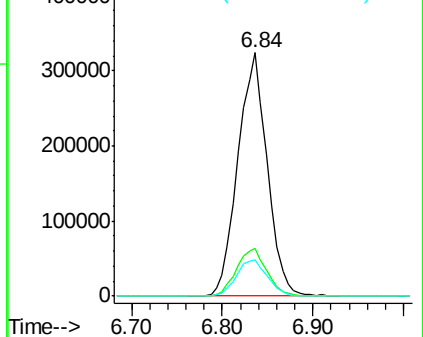
88 14.9 0.0 33.4

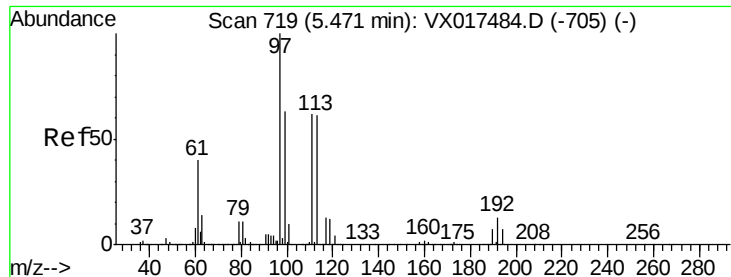


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.390 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017578.D

Acq: 25 Jul 2020 08:02

Instrument :

MSVOA_X

ClientSampleId :

PB130430ZHE#14

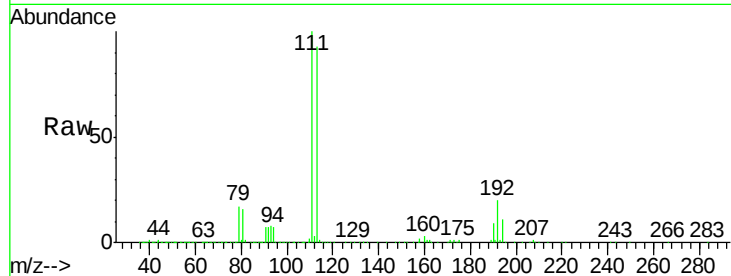
Tgt Ion:113 Resp: 255140

Ion Ratio Lower Upper

113 100

111 103.5 80.7 121.1

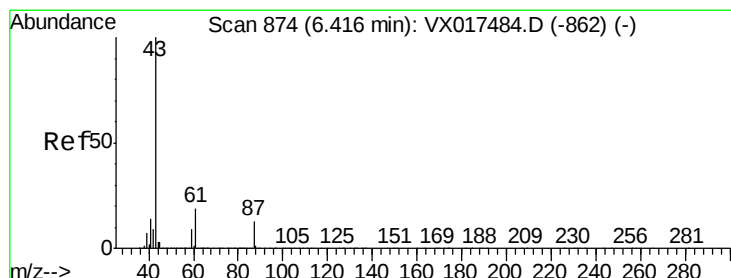
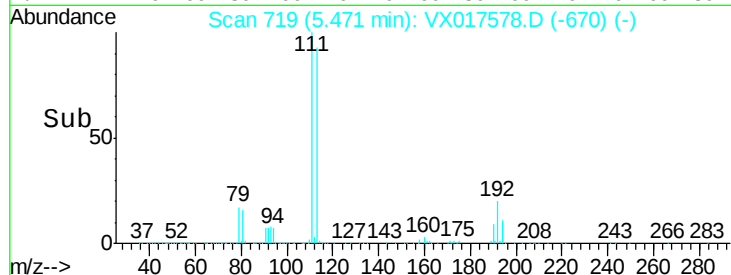
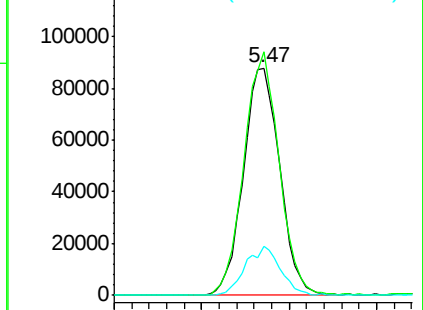
192 20.8 16.9 25.3



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



#43

Isopropyl Acetate

Concen: 13.436 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017578.D

Acq: 25 Jul 2020 08:02

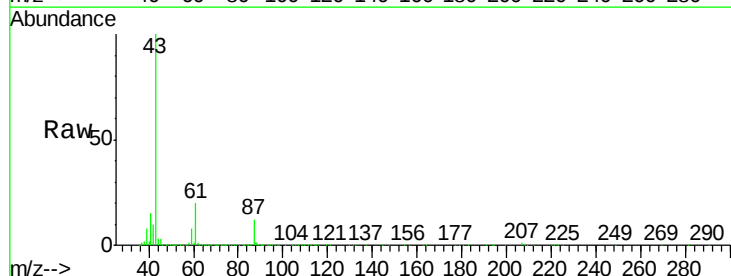
Tgt Ion: 43 Resp: 169401

Ion Ratio Lower Upper

43 100

61 20.5 15.5 23.3

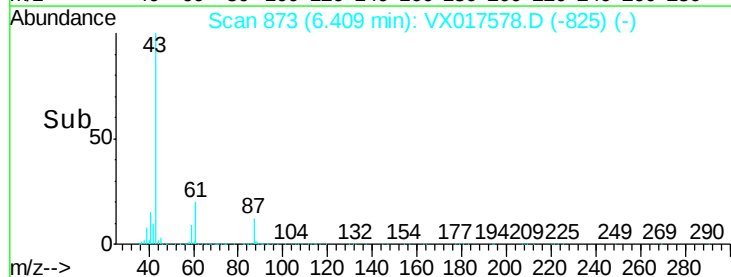
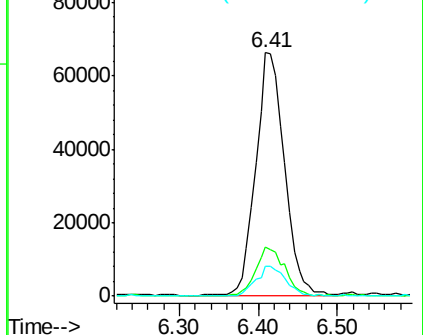
87 12.7 10.5 15.7

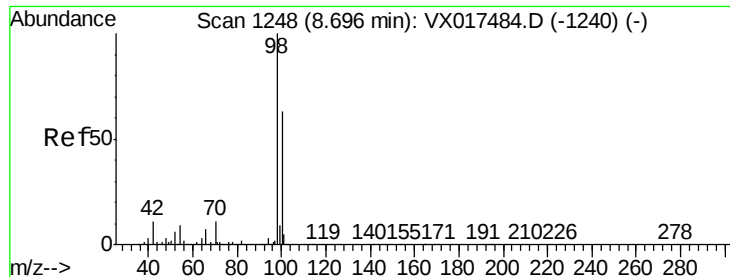


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.818 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017578.D

Acq: 25 Jul 2020 08:02

Instrument :

MSVOA_X

ClientSampleId :

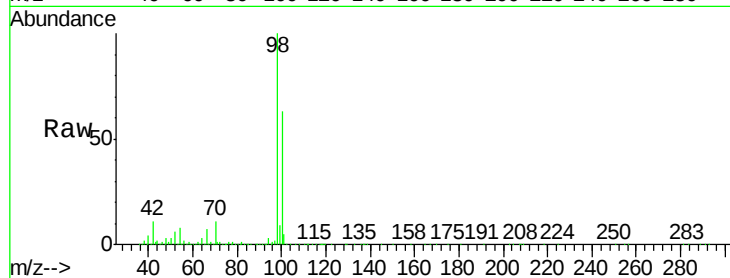
PB130430ZHE#14

Tgt Ion: 98 Resp: 910363

Ion Ratio Lower Upper

98 100

100 63.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

600000

400000

200000

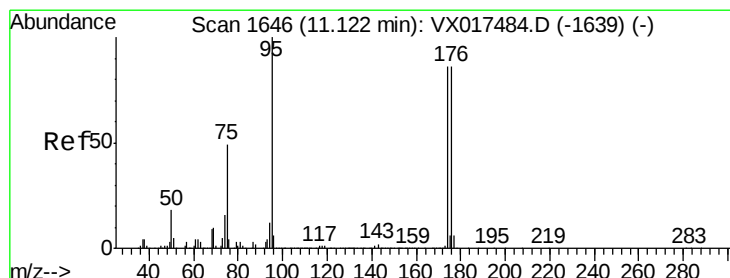
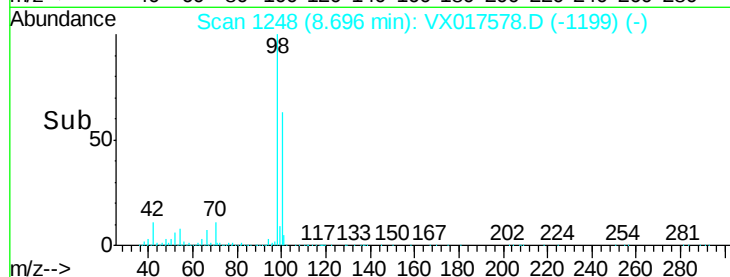
0

8.60

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 58.286 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017578.D

Acq: 25 Jul 2020 08:02

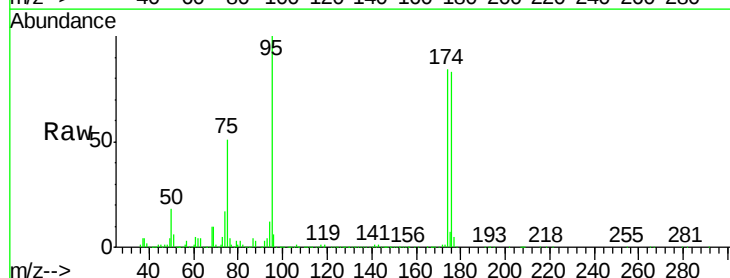
Tgt Ion: 95 Resp: 409809

Ion Ratio Lower Upper

95 100

174 83.6 0.0 169.0

176 82.5 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

400000

300000

200000

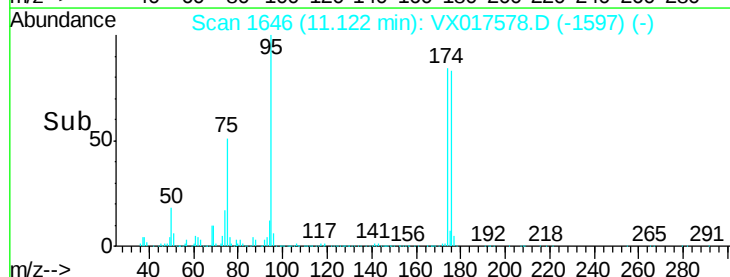
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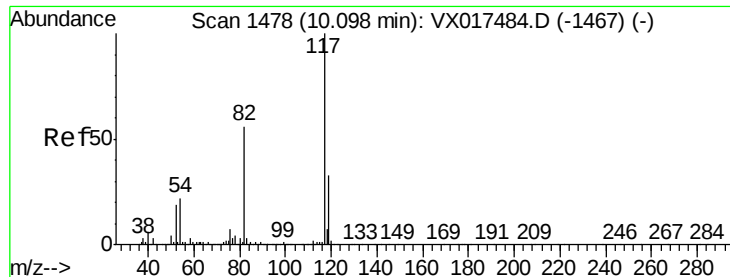
0

11.10

11.20

Time-->

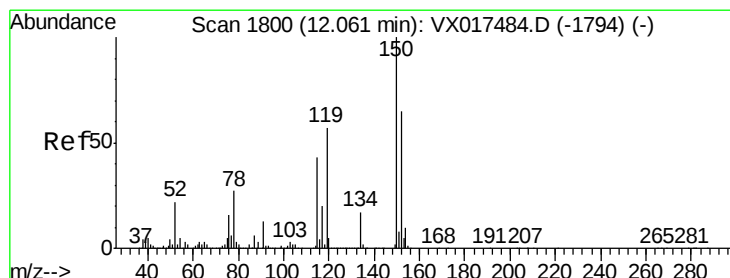
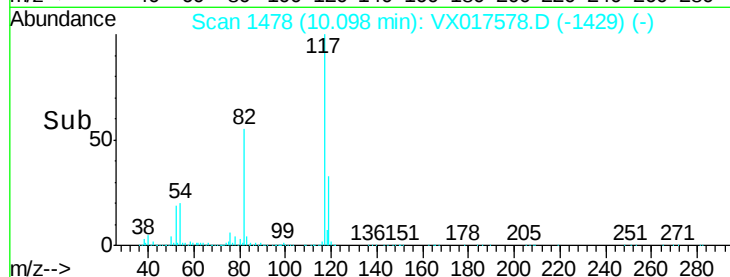
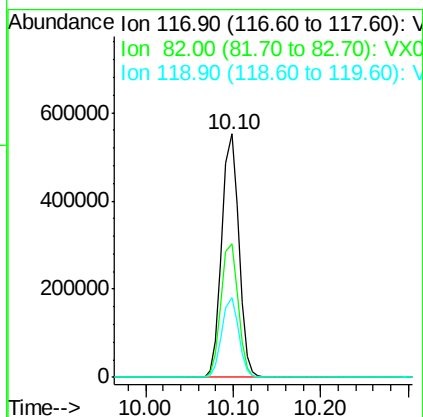
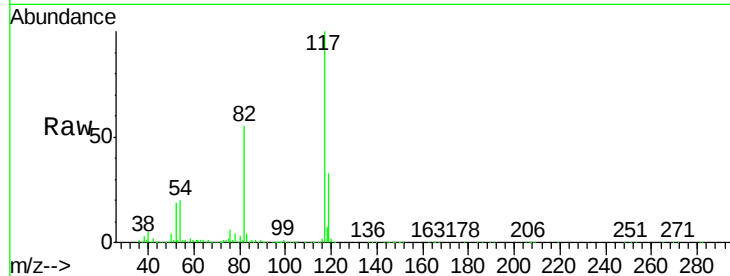




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017578.D
Acq: 25 Jul 2020 08:02

Instrument :
MSVOA_X
ClientSampleId :
PB130430ZHE#14

Tgt Ion:117 Resp: 744424
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 32.9 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: VX017578.D
Acq: 25 Jul 2020 08:02

Tgt Ion:152 Resp: 411073
Ion Ratio Lower Upper
152 100
115 58.4 65.5 196.6#
150 157.3 0.0 412.6

