

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
 Data File : VX017569.D
 Acq On : 25 Jul 2020 04:36
 Operator : JC/SP
 Sample : PB130430ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130430ZHE#05

Quant Time: Jul 25 05:02:13 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

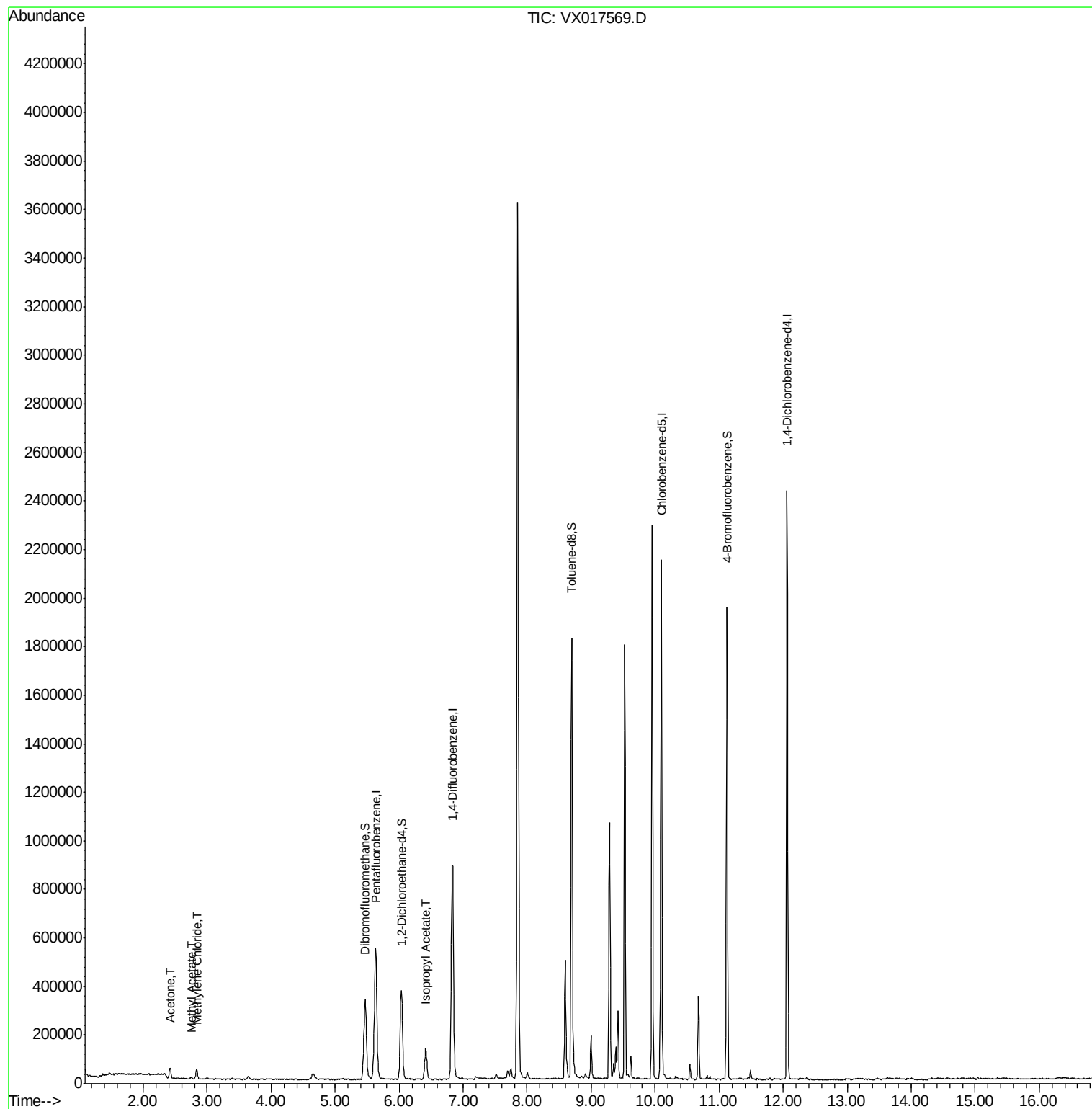
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	526738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	912223	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	937903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	491950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	361148	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
35) Dibromofluoromethane	5.47	113	291985	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
50) Toluene-d8	8.70	98	1110218	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.12	95	475322	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.92%	
Target Compounds						
16) Acetone	2.42	43	45508	15.281	ug/l	92
18) Methyl Acetate	2.75	43	8358	1.192	ug/l #	86
20) Methylene Chloride	2.83	84	20185	2.376	ug/l	93
43) Isopropyl Acetate	6.41	43	176293	11.162	ug/l	99

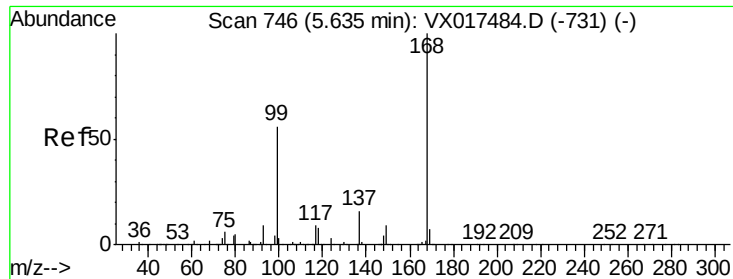
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

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Acq: 25 Jul 2020 04:36

Instrument :

MSVOA_X

ClientSampleId :

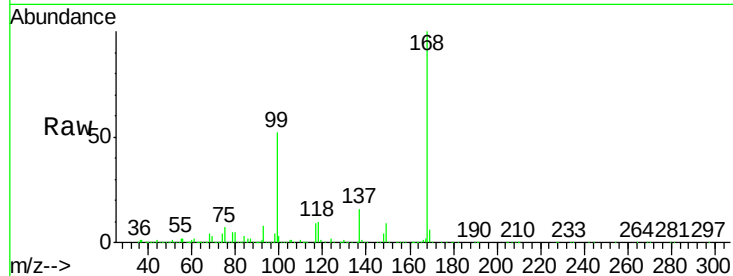
PB130430ZHE#05

Tgt Ion:168 Resp: 526738

Ion Ratio Lower Upper

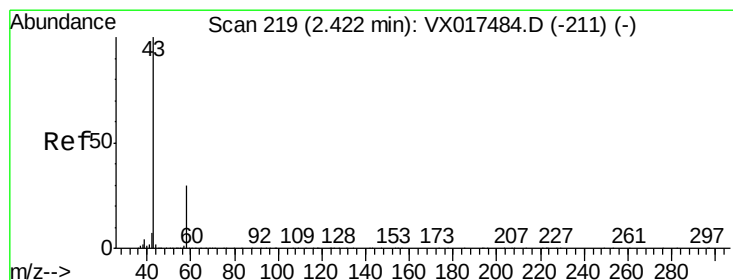
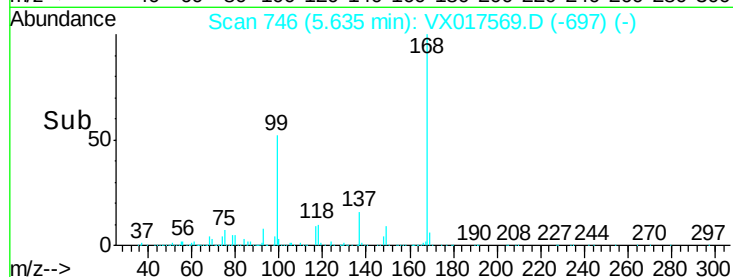
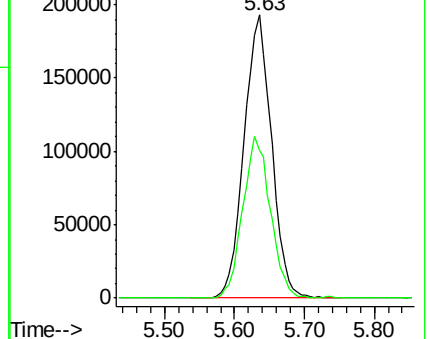
168 100

99 52.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 15.281 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017569.D

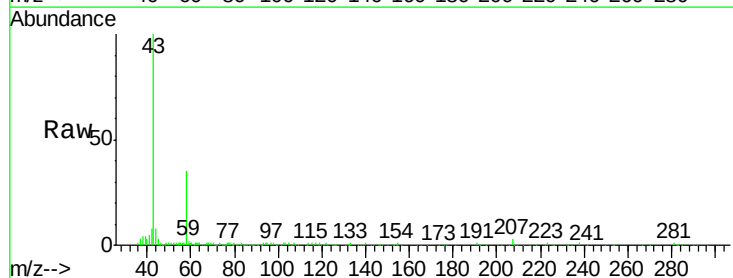
Acq: 25 Jul 2020 04:36

Tgt Ion: 43 Resp: 45508

Ion Ratio Lower Upper

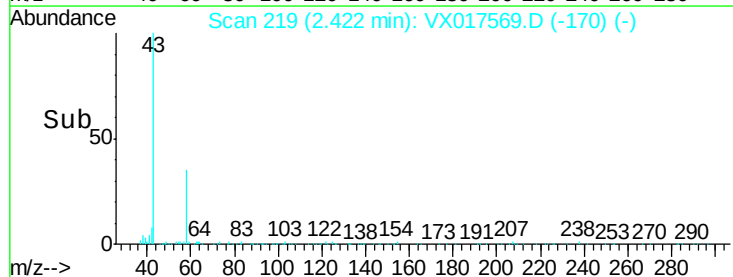
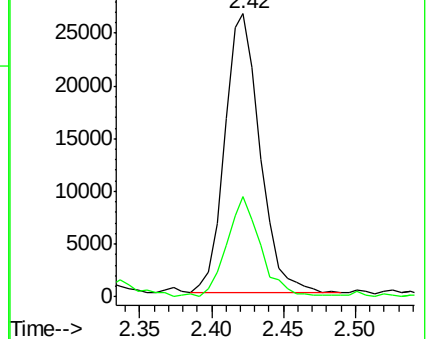
43 100

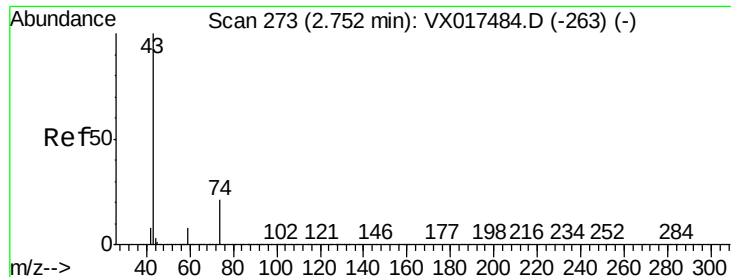
58 34.8 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 1.192 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017569.D

Acq: 25 Jul 2020 04:36

Instrument :

MSVOA_X

ClientSampleId :

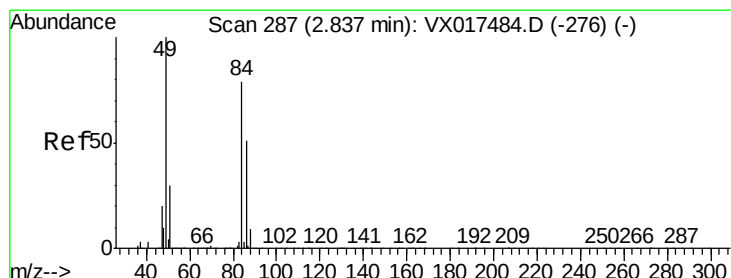
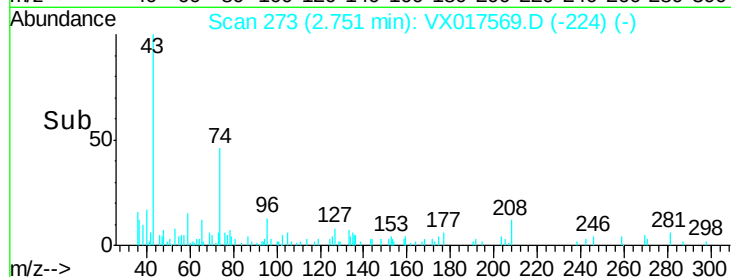
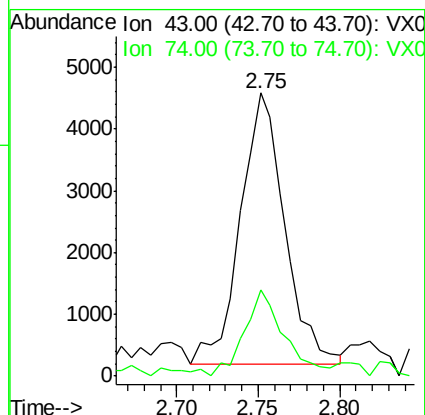
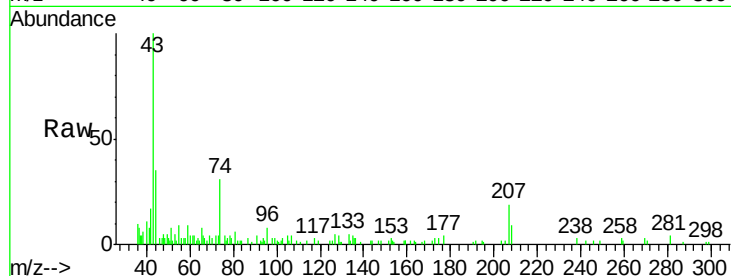
PB130430ZHE#05

Tgt Ion: 43 Resp: 8358

Ion Ratio Lower Upper

43 100

74 28.5 17.5 26.3#



#20

Methylene Chloride

Concen: 2.376 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX017569.D

Acq: 25 Jul 2020 04:36

Tgt Ion: 84 Resp: 20185

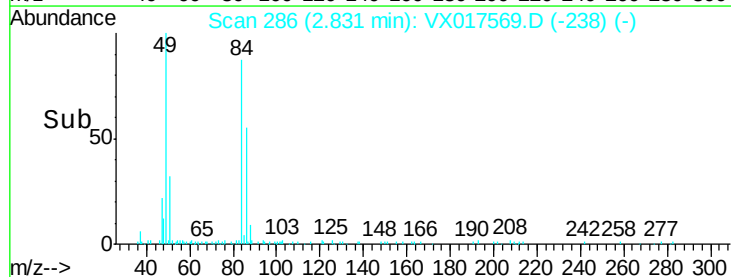
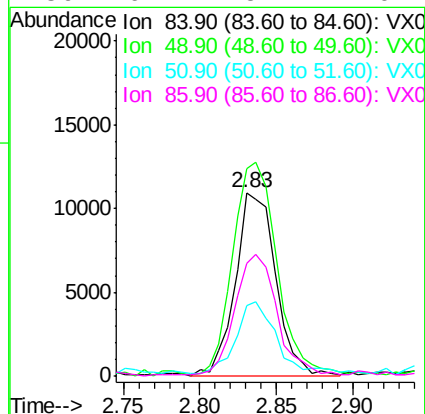
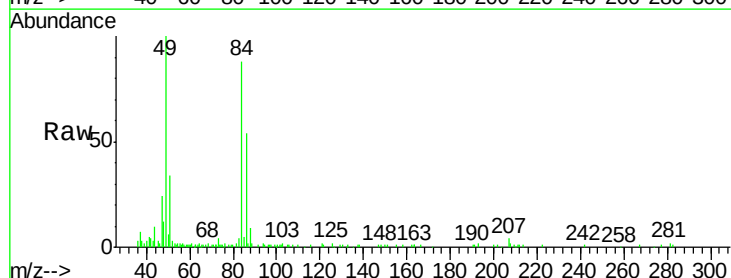
Ion Ratio Lower Upper

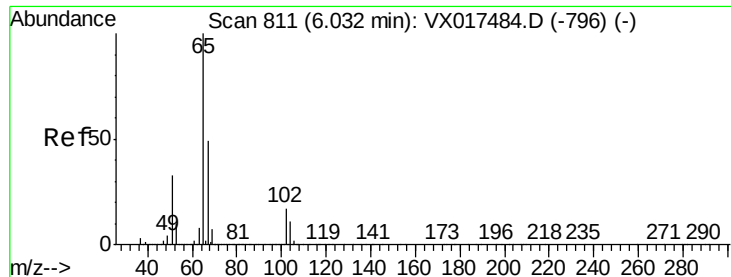
84 100

49 112.6 100.3 150.5

51 37.4 30.5 45.7

86 61.2 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 53.375 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017569.D

Acq: 25 Jul 2020 04:36

Instrument :

MSVOA_X

ClientSampleId :

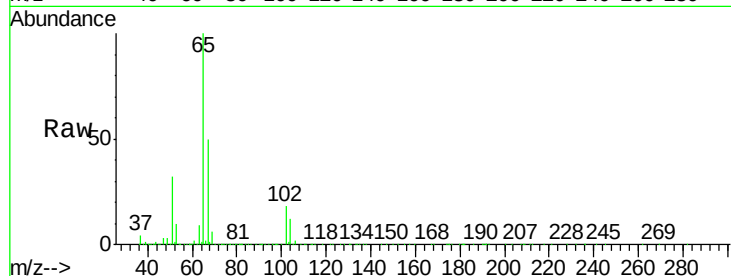
PB130430ZHE#05

Tgt Ion: 65 Resp: 361148

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

150000

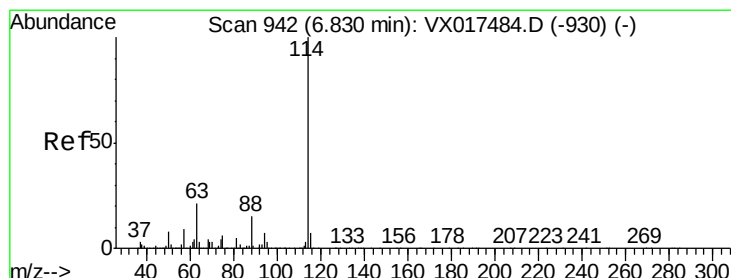
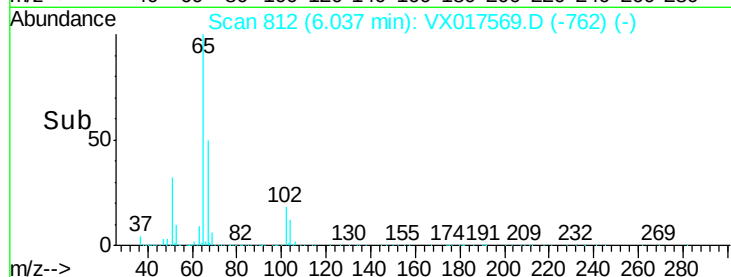
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017569.D

Acq: 25 Jul 2020 04:36

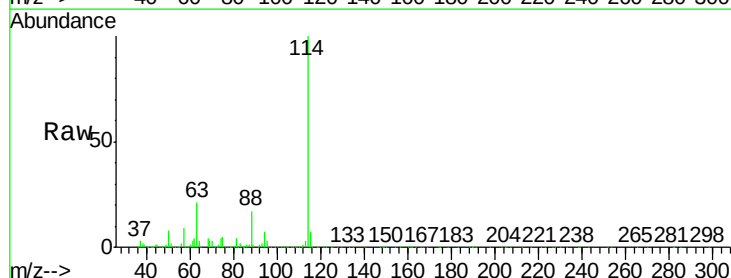
Tgt Ion: 114 Resp: 912223

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.6

88 16.8 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

500000

400000

300000

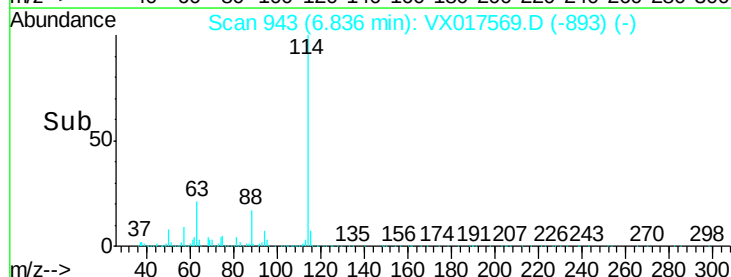
200000

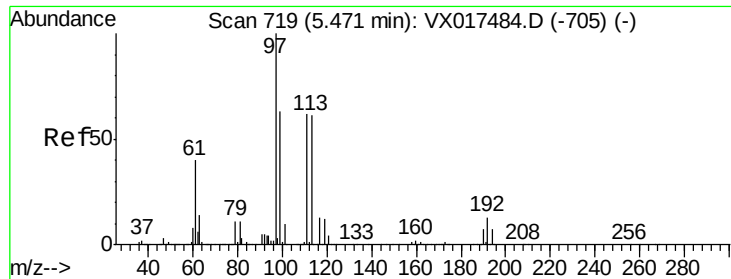
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.859 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017569.D

Acq: 25 Jul 2020 04:36

Instrument :

MSVOA_X

ClientSampleId :

PB130430ZHE#05

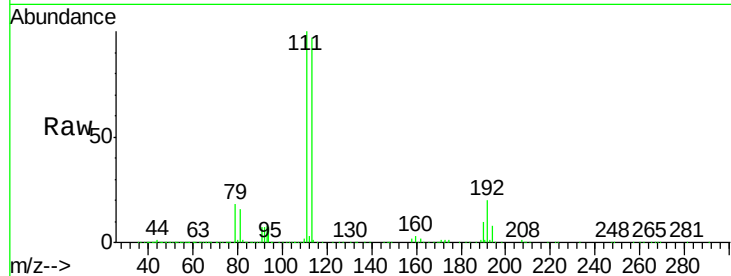
Tgt Ion:113 Resp: 291985

Ion Ratio Lower Upper

113 100

111 101.4 80.7 121.1

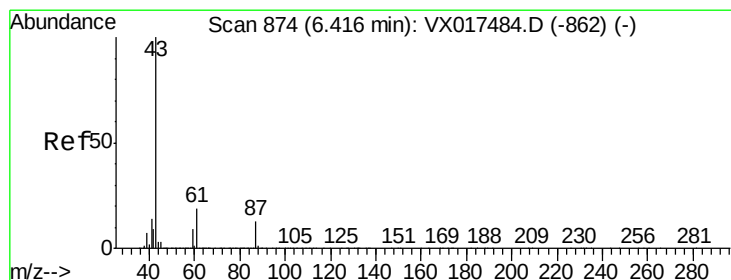
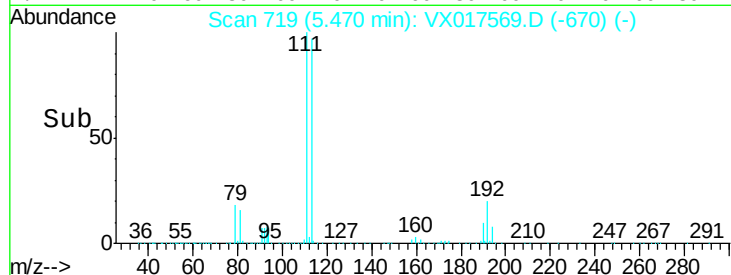
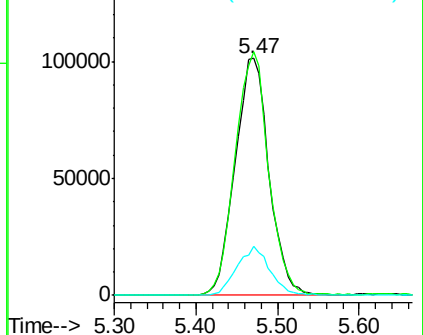
192 20.2 16.9 25.3



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: 11.162 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017569.D

Acq: 25 Jul 2020 04:36

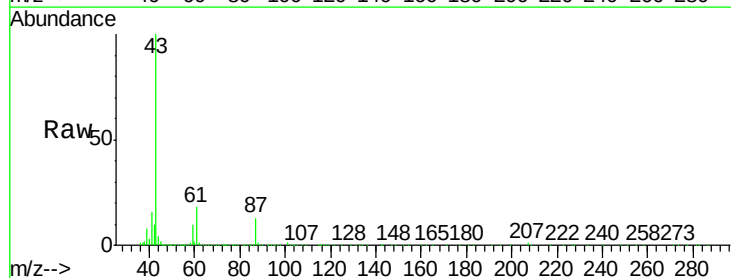
Tgt Ion: 43 Resp: 176293

Ion Ratio Lower Upper

43 100

61 19.6 15.5 23.3

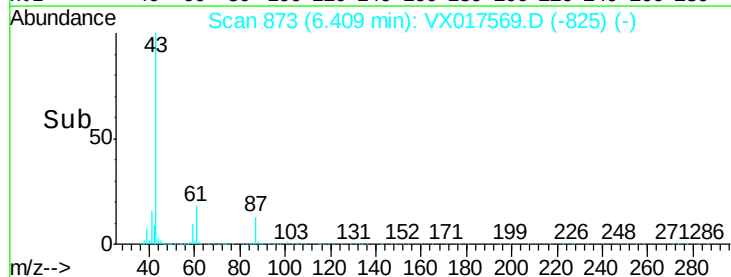
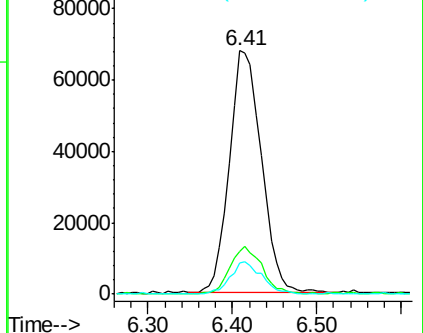
87 12.9 10.5 15.7

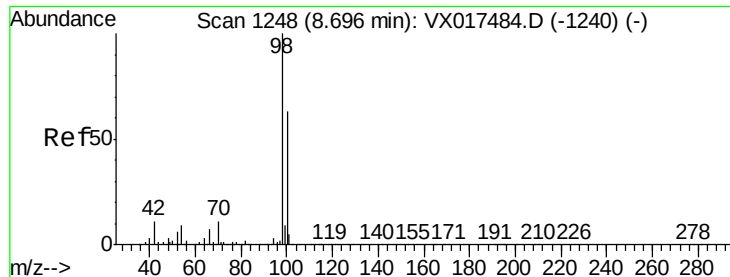


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.443 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017569.D

Acq: 25 Jul 2020 04:36

Instrument :

MSVOA_X

ClientSampleId :

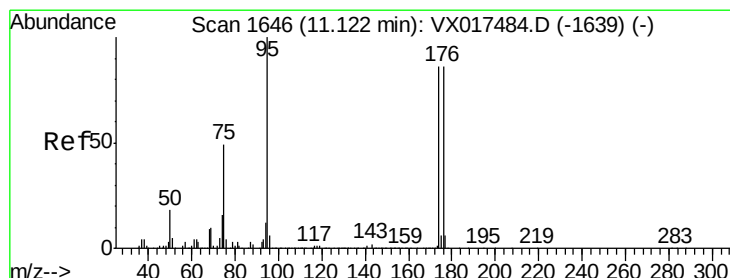
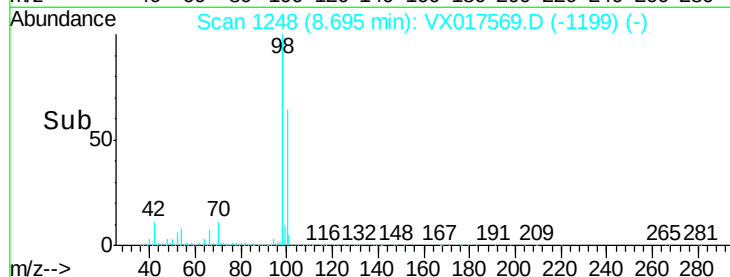
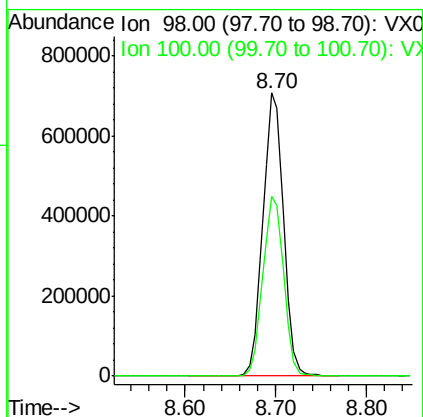
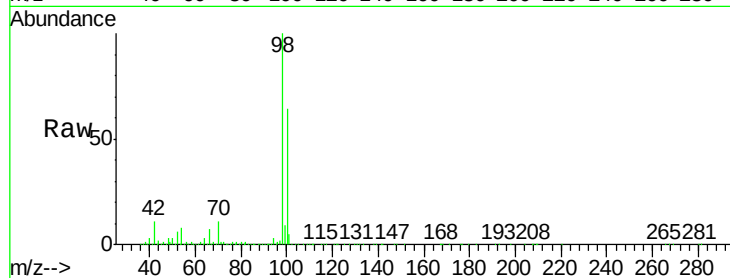
PB130430ZHE#05

Tgt Ion: 98 Resp: 1110218

Ion Ratio Lower Upper

98 100

100 64.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 53.964 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017569.D

Acq: 25 Jul 2020 04:36

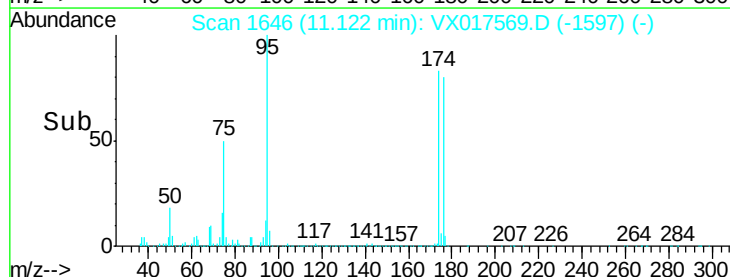
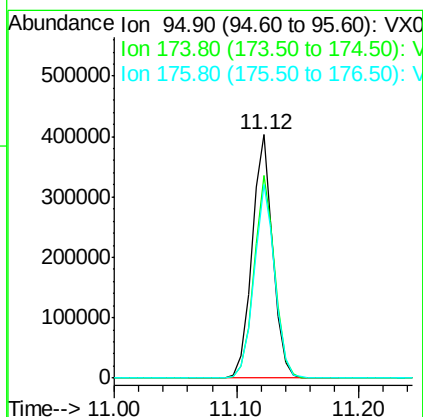
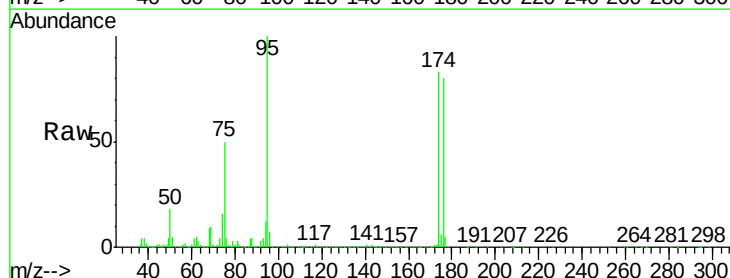
Tgt Ion: 95 Resp: 475322

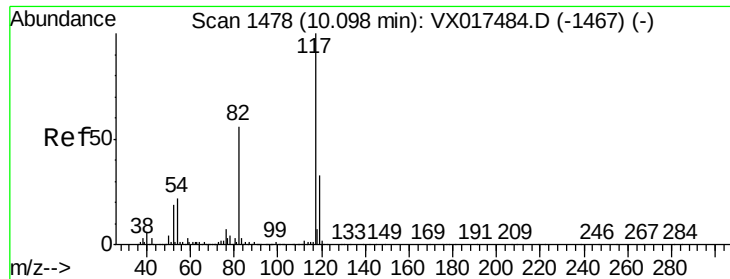
Ion Ratio Lower Upper

95 100

174 83.7 0.0 169.0

176 80.2 0.0 161.0

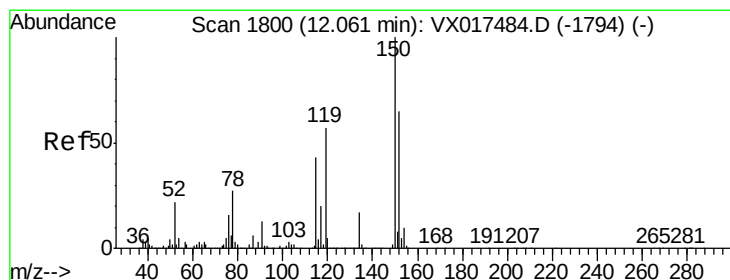
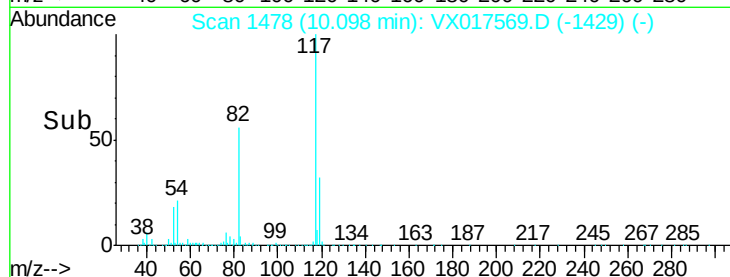
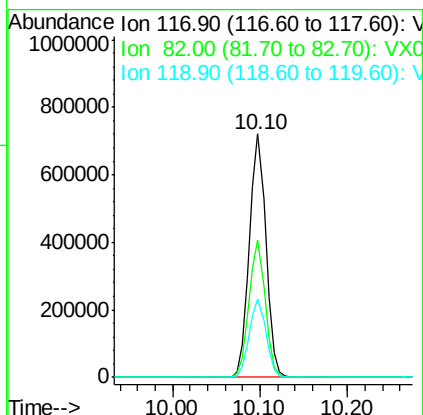
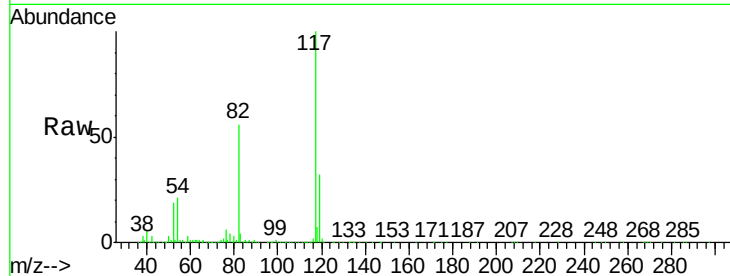




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017569.D
Acq: 25 Jul 2020 04:36

Instrument :
MSVOA_X
ClientSampleId :
PB130430ZHE#05

Tgt Ion:117 Resp: 937903
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 32.4 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: VX017569.D
Acq: 25 Jul 2020 04:36

Tgt Ion:152 Resp: 491950
Ion Ratio Lower Upper
152 100
115 58.7 65.5 196.6#
150 158.0 0.0 412.6

