

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017779.D
 Acq On : 04 Aug 2020 18:28
 Operator : JC/SP
 Sample : PB130720ZHE#20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130720ZHE#20

Quant Time: Aug 05 03:37:06 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

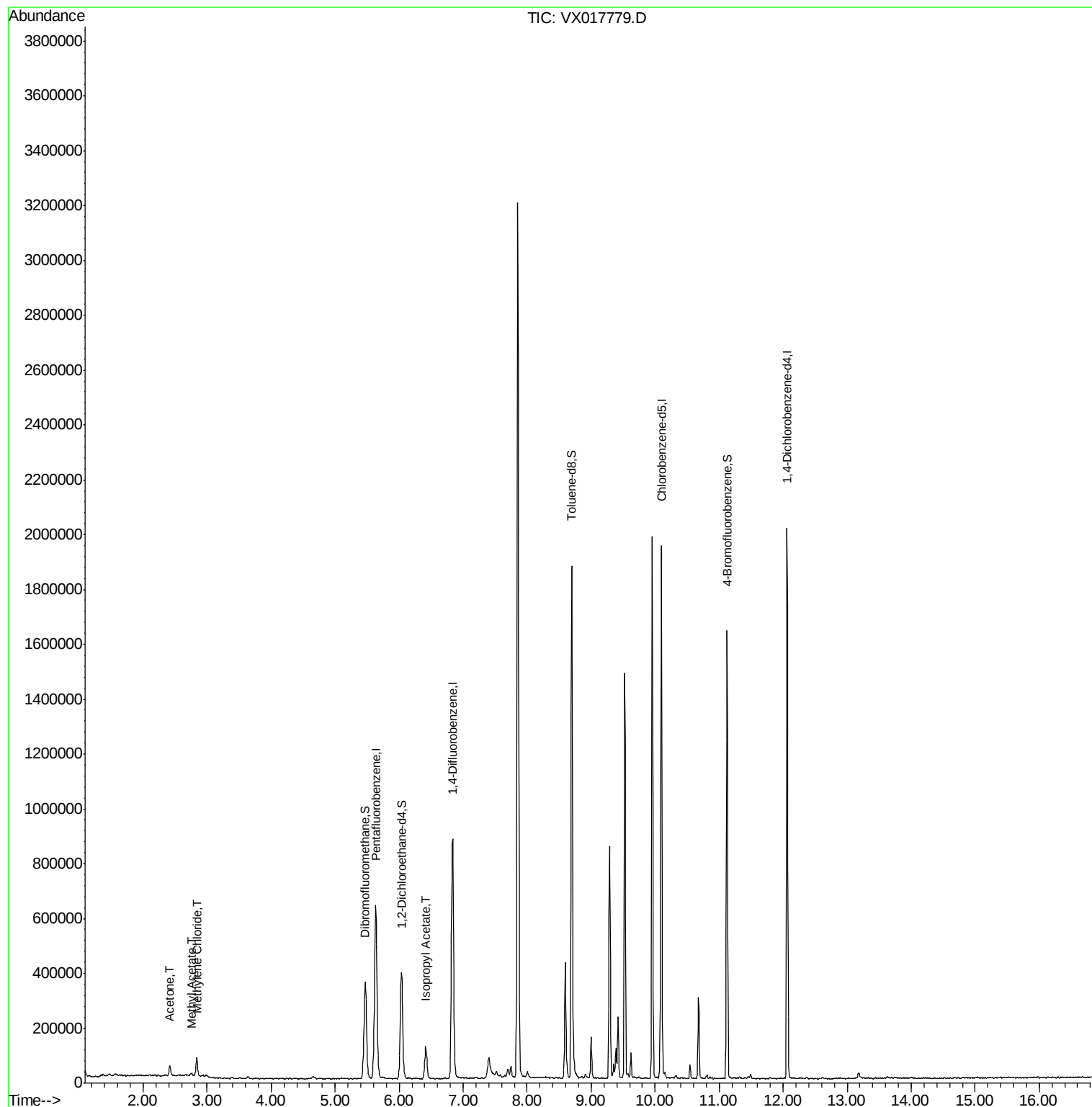
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	592167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	895563	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	852625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	403463	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	389083	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
35) Dibromofluoromethane	5.47	113	303599	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	8.70	98	1106888	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.12	95	409498	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
Target Compounds						
16) Acetone	2.42	43	37020	11.058	ug/l	98
18) Methyl Acetate	2.75	43	10530	1.335	ug/l #	78
20) Methylene Chloride	2.84	84	30847	3.703	ug/l	94
43) Isopropyl Acetate	6.42	43	163228	10.527	ug/l	99

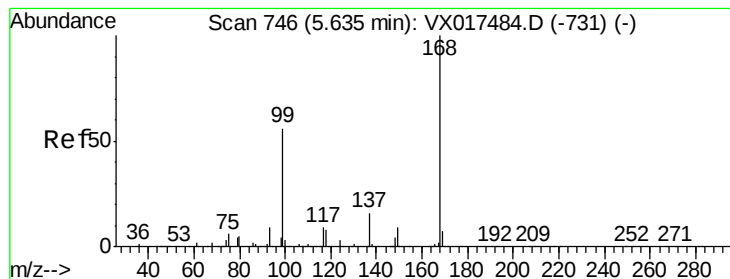
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX017779.D

Acq: 04 Aug 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

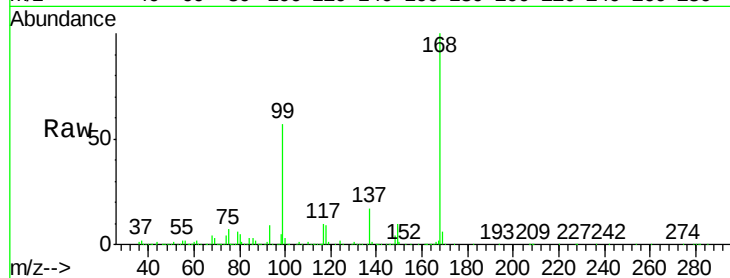
PB130720ZHE#20

Tgt Ion:168 Resp: 592167

Ion Ratio Lower Upper

168 100

99 57.2 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

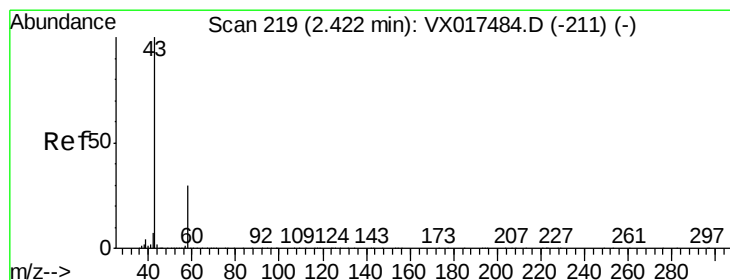
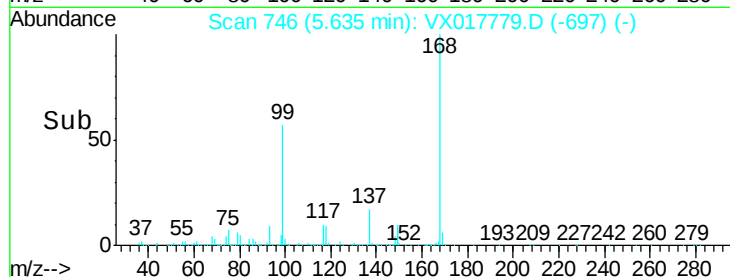
100000

50000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 11.058 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017779.D

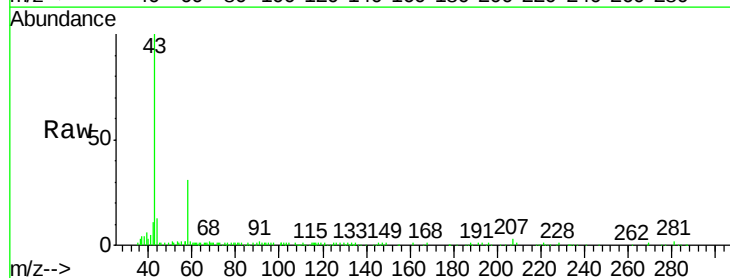
Acq: 04 Aug 2020 18:28

Tgt Ion: 43 Resp: 37020

Ion Ratio Lower Upper

43 100

58 31.4 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

25000

20000

15000

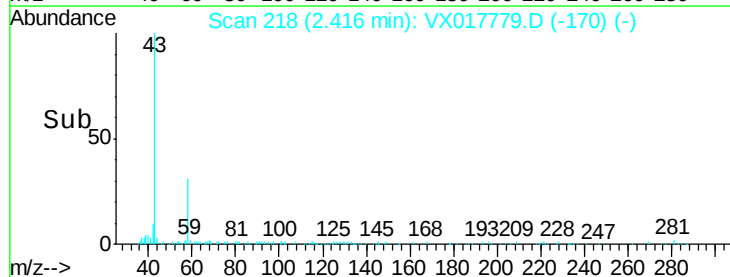
10000

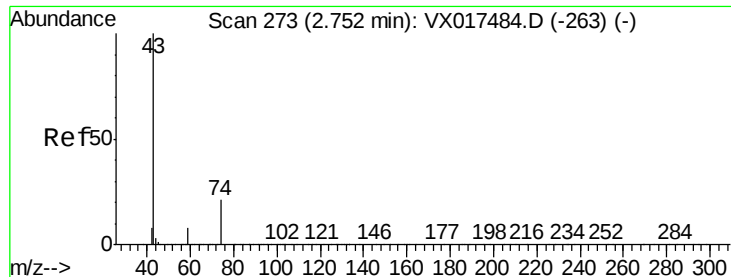
5000

0

Time-->

2.35 2.40 2.45 2.50

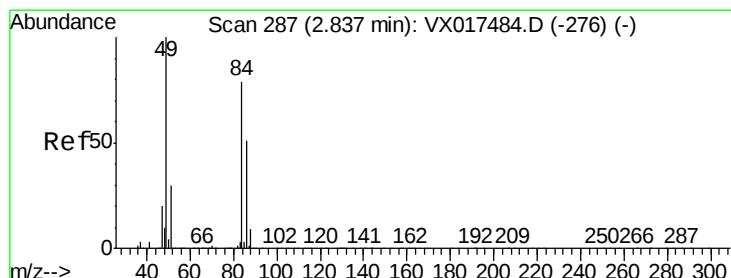
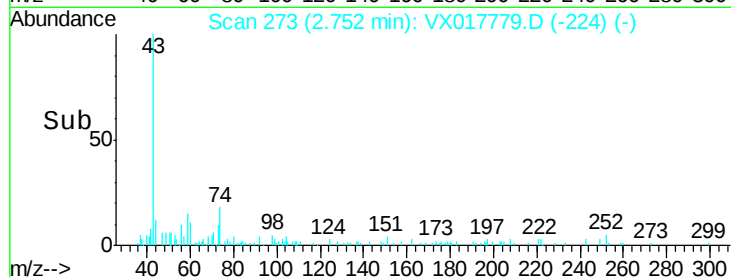
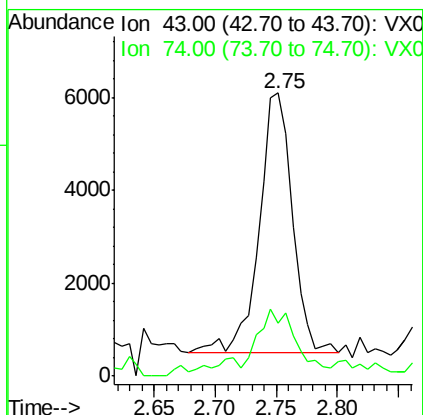
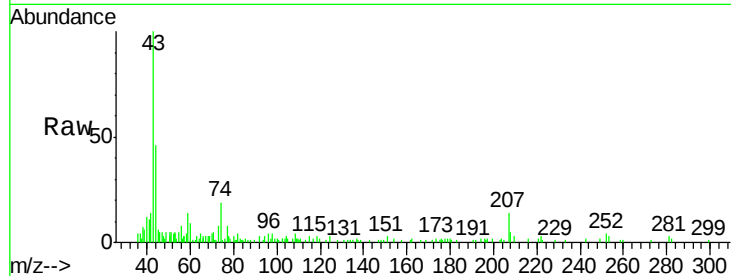




#18
Methyl Acetate
Concen: 1.335 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017779.D
Acq: 04 Aug 2020 18:28

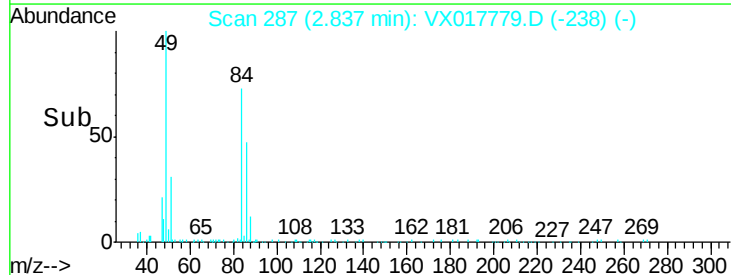
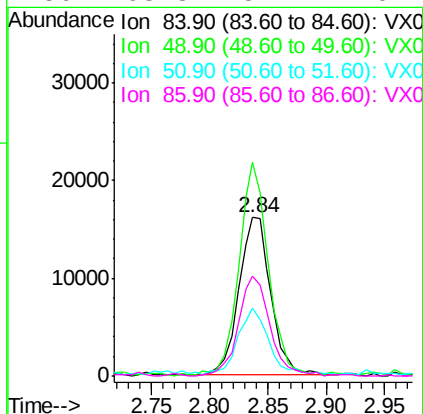
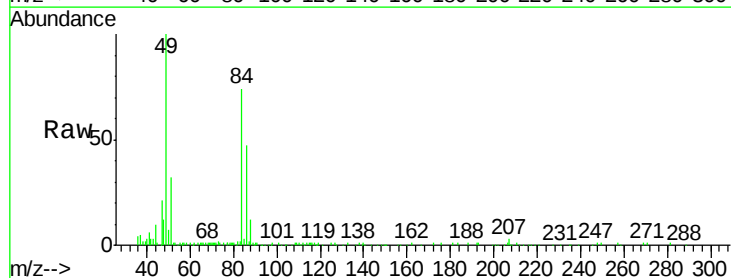
Instrument :
MSVOA_X
ClientSampleId :
PB130720ZHE#20

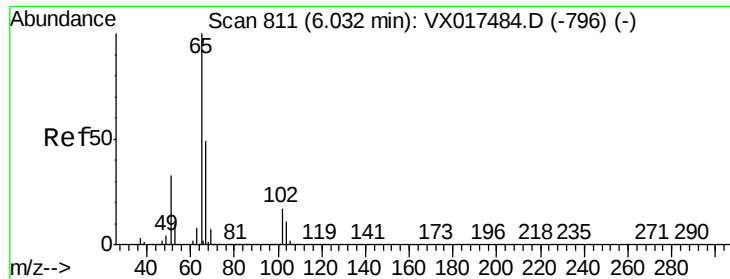
Tgt Ion: 43 Resp: 10530
Ion Ratio Lower Upper
43 100
74 32.5 17.5 26.3#



#20
Methylene Chloride
Concen: 3.703 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017779.D
Acq: 04 Aug 2020 18:28

Tgt Ion: 84 Resp: 30847
Ion Ratio Lower Upper
84 100
49 134.4 100.3 150.5
51 42.2 30.5 45.7
86 63.8 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 51.150 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017779.D

Acq: 04 Aug 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

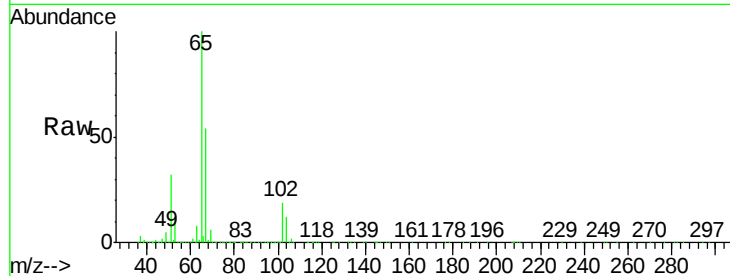
PB130720ZHE#20

Tgt Ion: 65 Resp: 389083

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

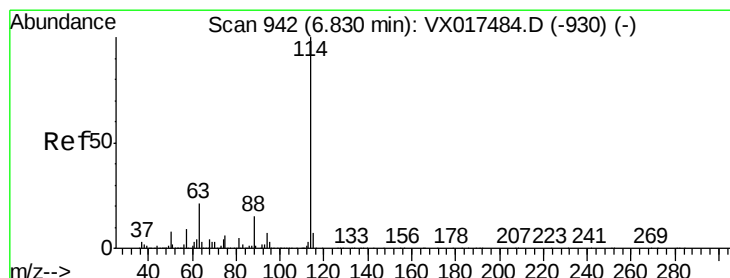
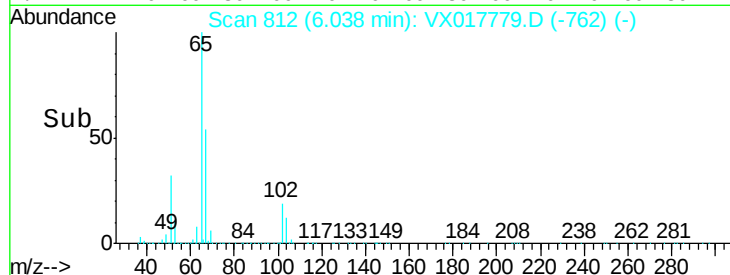
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017779.D

Acq: 04 Aug 2020 18:28

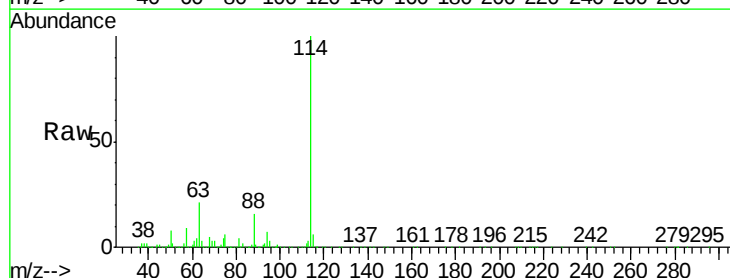
Tgt Ion: 114 Resp: 895563

Ion Ratio Lower Upper

114 100

63 21.4 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

500000

400000

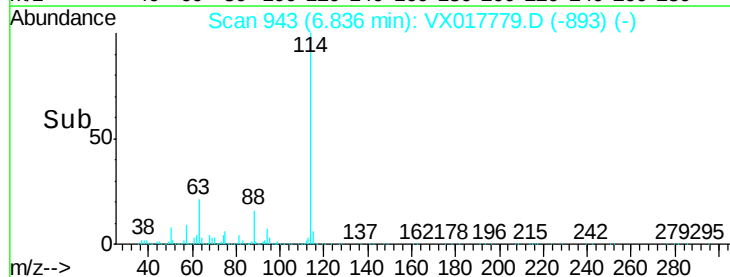
300000

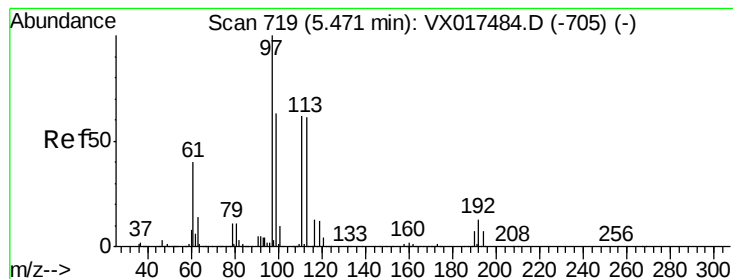
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.688 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017779.D

Acq: 04 Aug 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

PB130720ZHE#20

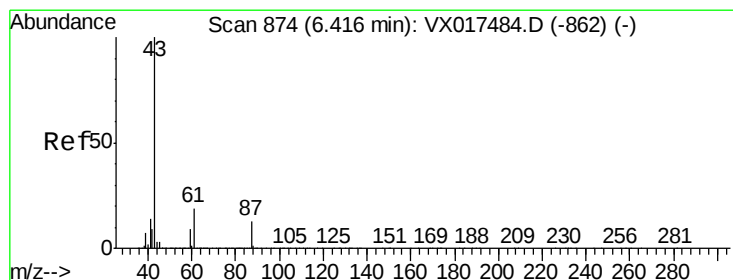
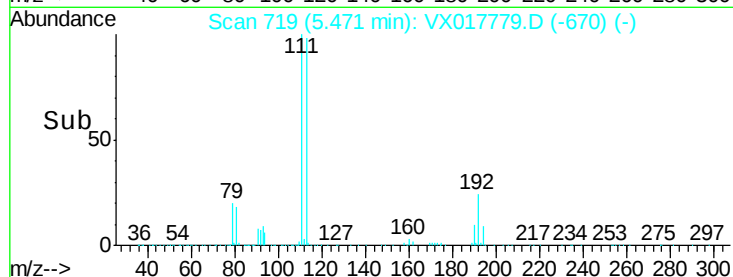
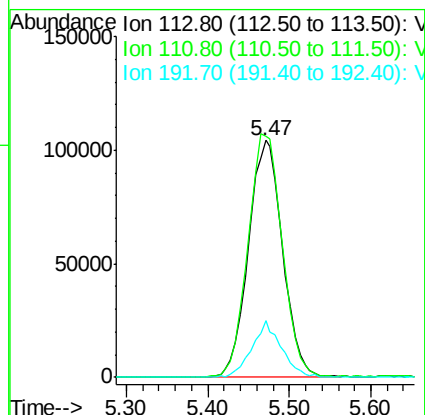
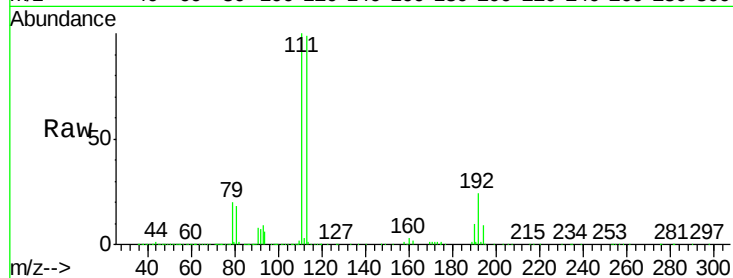
Tgt Ion:113 Resp: 303599

Ion Ratio Lower Upper

113 100

111 103.5 80.7 121.1

192 20.6 16.9 25.3



#43

Isopropyl Acetate

Concen: 10.527 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017779.D

Acq: 04 Aug 2020 18:28

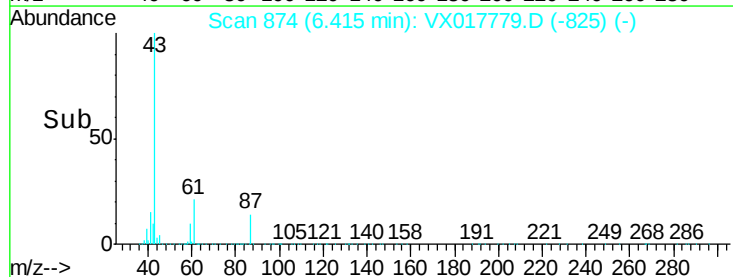
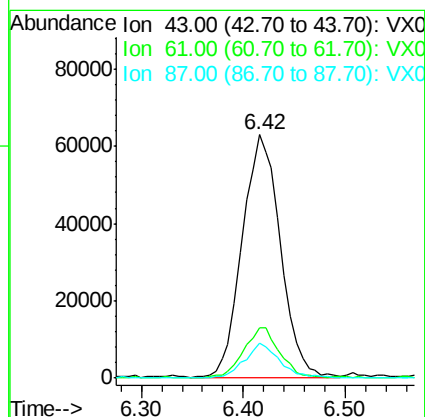
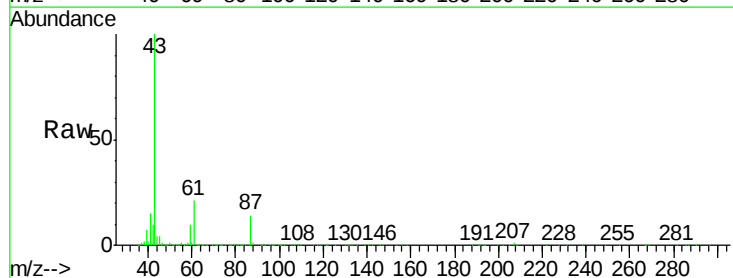
Tgt Ion: 43 Resp: 163228

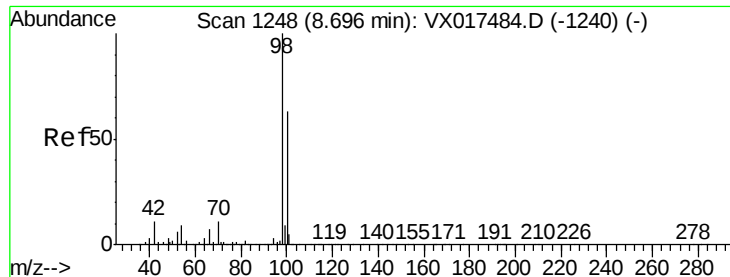
Ion Ratio Lower Upper

43 100

61 19.8 15.5 23.3

87 13.4 10.5 15.7





#50

Toluene-d8

Concen: 51.228 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017779.D

Acq: 04 Aug 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

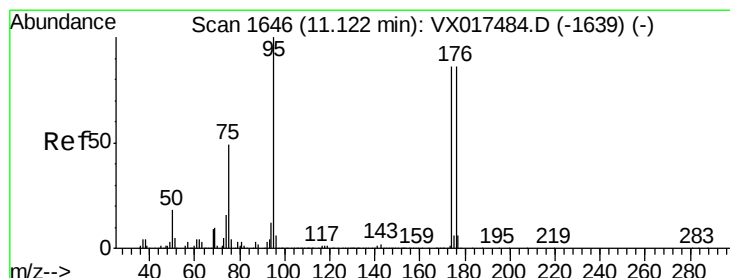
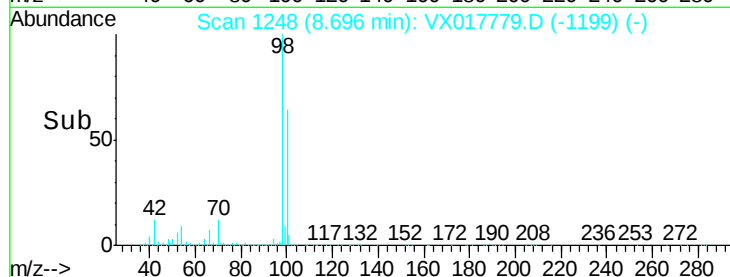
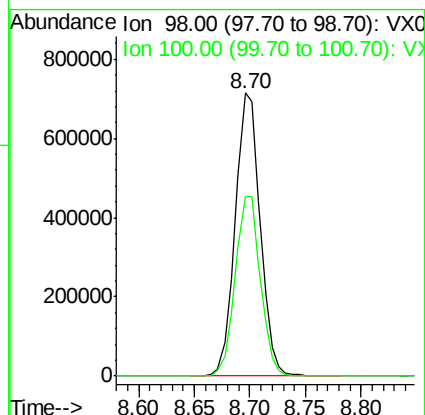
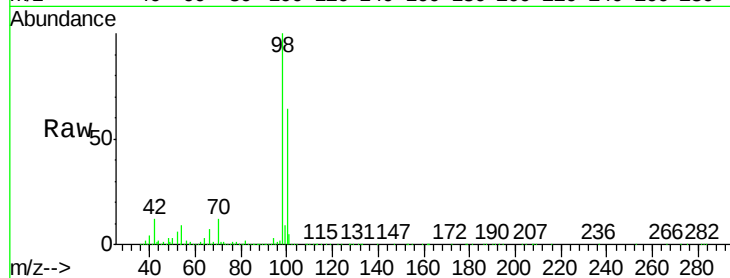
PB130720ZHE#20

Tgt Ion: 98 Resp: 1106888

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 47.356 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017779.D

Acq: 04 Aug 2020 18:28

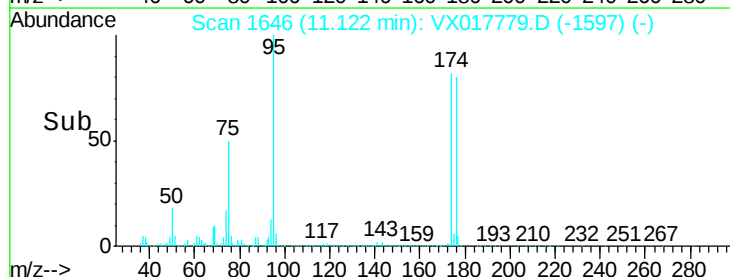
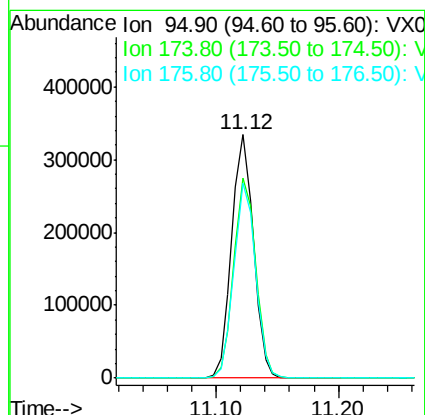
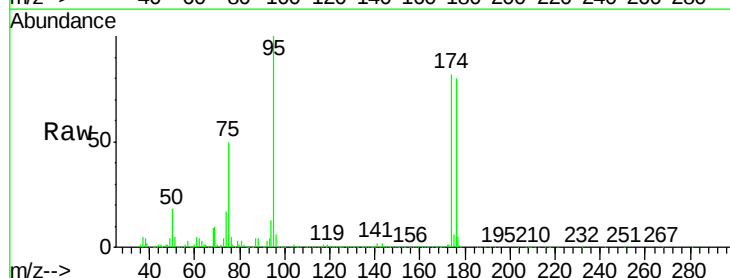
Tgt Ion: 95 Resp: 409498

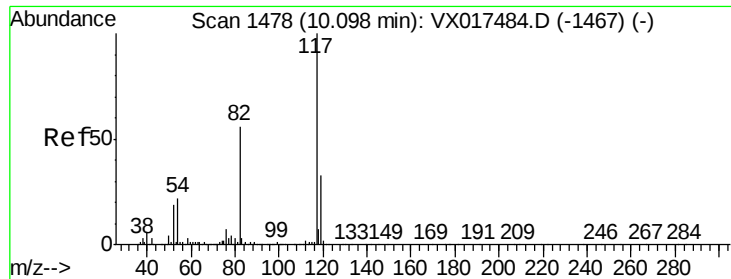
Ion Ratio Lower Upper

95 100

174 83.4 0.0 169.0

176 79.8 0.0 161.0

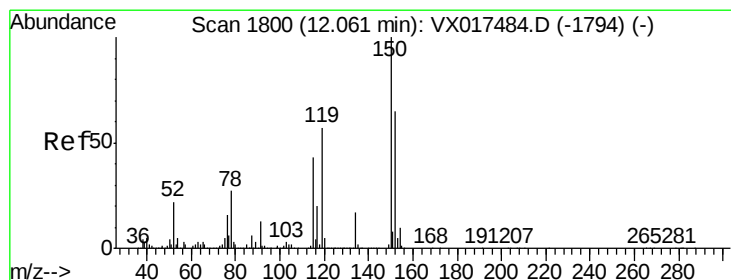
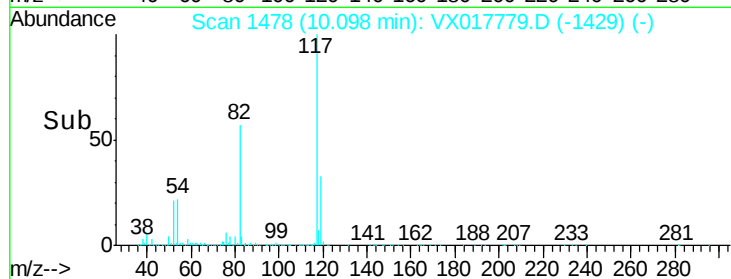
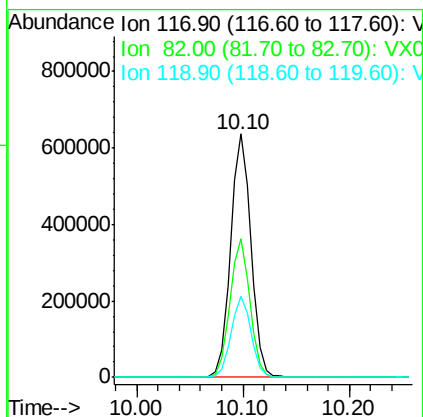
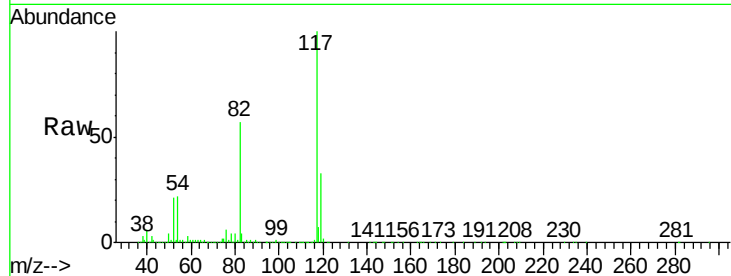




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017779.D
Acq: 04 Aug 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB130720ZHE#20

Tgt Ion:117 Resp: 852625
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 33.1 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: VX017779.D
Acq: 04 Aug 2020 18:28

Tgt Ion:152 Resp: 403463
Ion Ratio Lower Upper
152 100
115 58.9 65.5 196.6#
150 157.6 0.0 412.6

