

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040759.D
 Acq On : 21 Mar 2024 21:35
 Operator : JC/MD
 Sample : PB159677ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159677ZHE#10

Quant Time: Mar 22 03:02:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:41:46 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

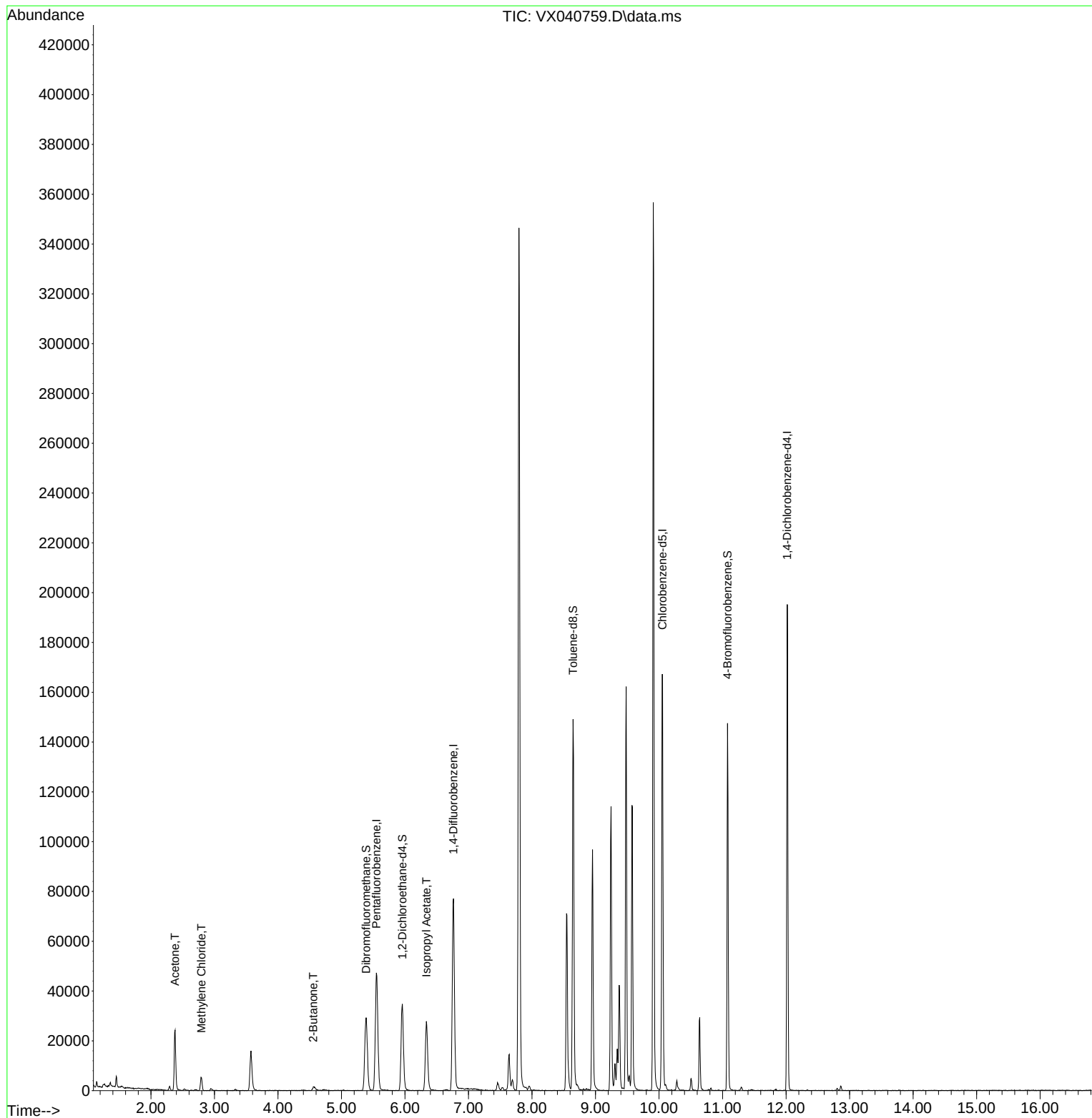
Internal Standards						
1) Pentafluorobenzene	5.550	168	41663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	74160	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	72324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	36498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	35095	50.097	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.200%
35) Dibromofluoromethane	5.385	113	25188	45.391	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.780%
50) Toluene-d8	8.647	98	88444	46.548	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.100%
62) 4-Bromofluorobenzene	11.079	95	35934	47.868	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.740%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	26581	107.123	ug/l	97
20) Methylene Chloride	2.794	84	2360	4.351	ug/l	97
25) 2-Butanone	4.556	43	2992	7.698	ug/l	99
43) Isopropyl Acetate	6.336	43	39249	26.940	ug/l	97

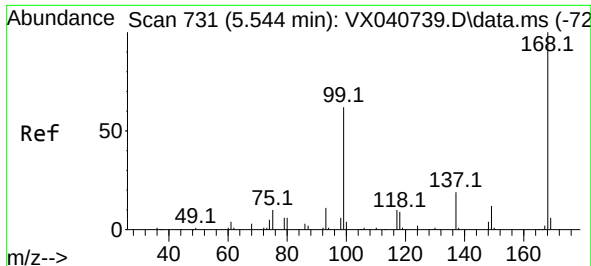
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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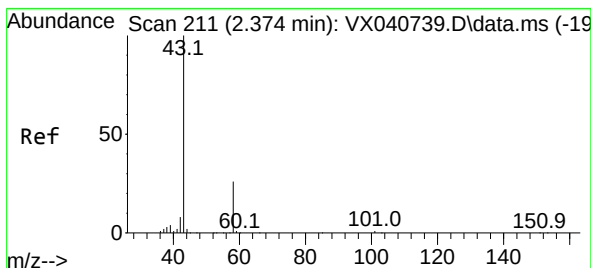
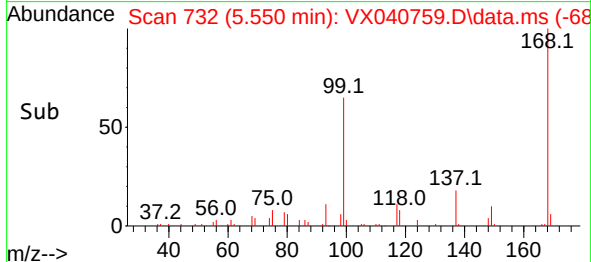
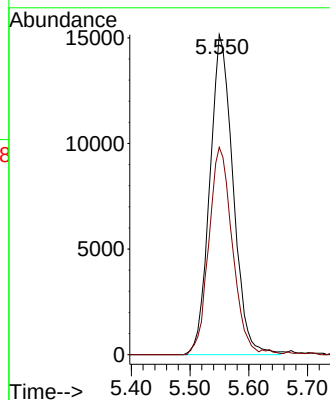
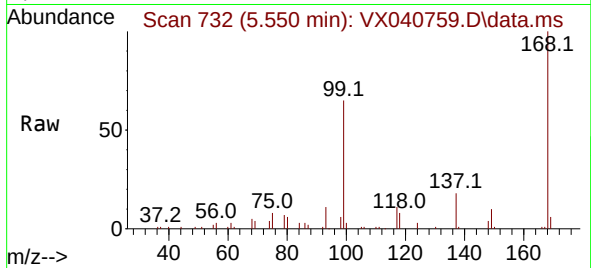




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040759.D
Acq: 21 Mar 2024 21:35

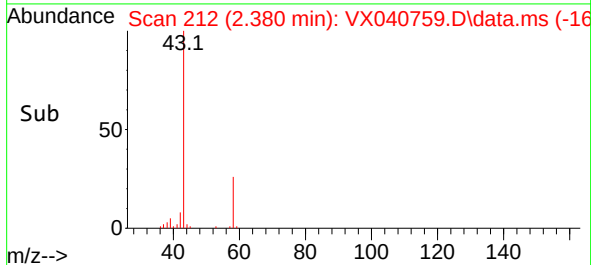
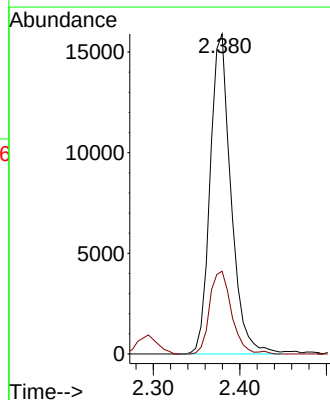
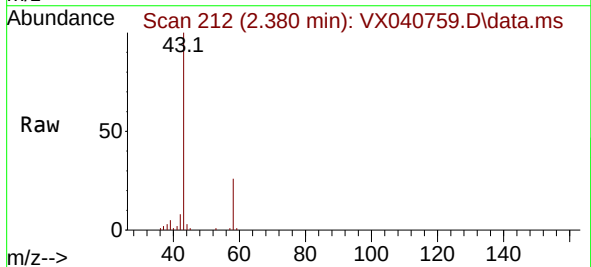
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#10

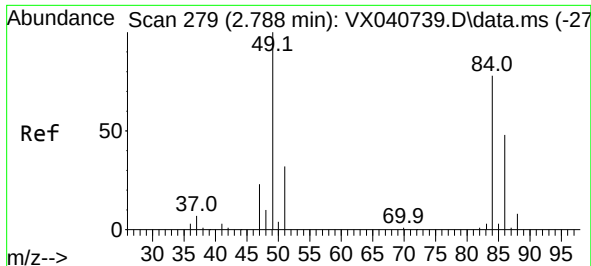
Tgt Ion:168 Resp: 41663
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0



#16
Acetone
Concen: 107.123 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040759.D
Acq: 21 Mar 2024 21:35

Tgt Ion: 43 Resp: 26581
Ion Ratio Lower Upper
43 100
58 25.8 21.9 32.9





#20

Methylene Chloride

Concen: 4.351 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040759.D

Acq: 21 Mar 2024 21:35

Instrument :

MSVOA_X

ClientSampleId :

PB159677ZHE#10

Tgt Ion: 84 Resp: 2360

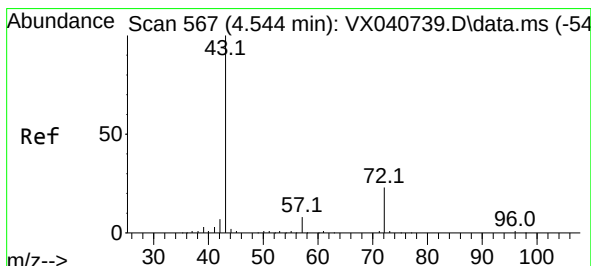
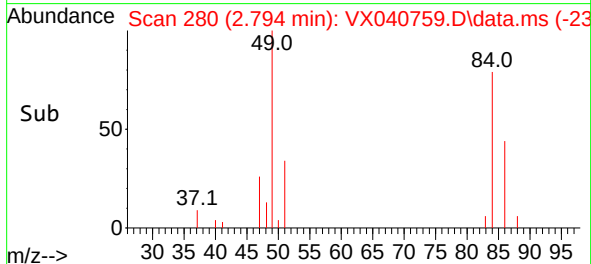
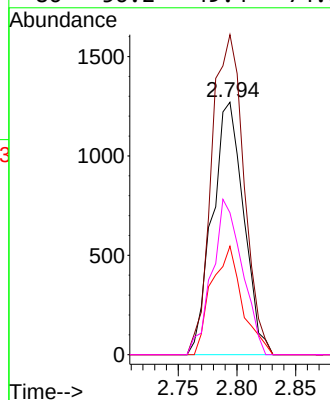
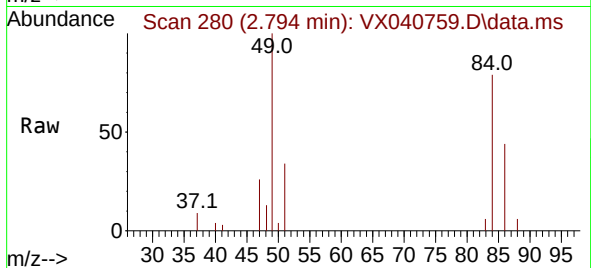
Ion Ratio Lower Upper

84 100

49 126.8 103.6 155.4

51 43.0 33.8 50.6

86 56.2 49.4 74.0



#25

2-Butanone

Concen: 7.698 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.012 min

Lab File: VX040759.D

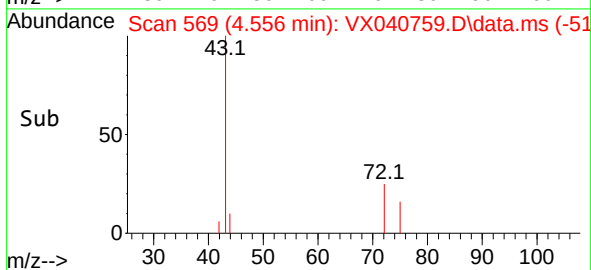
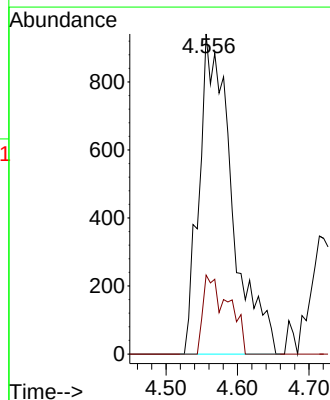
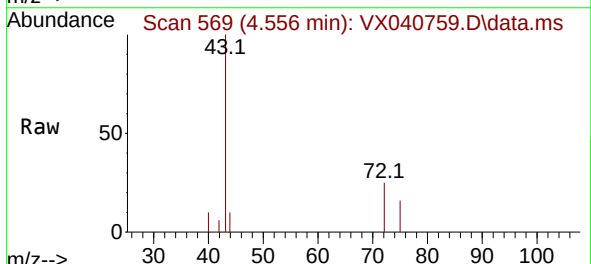
Acq: 21 Mar 2024 21:35

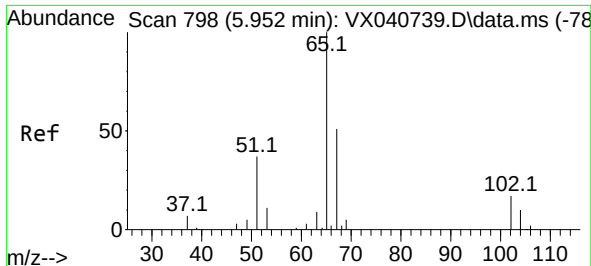
Tgt Ion: 43 Resp: 2992

Ion Ratio Lower Upper

43 100

72 24.7 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 50.097 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040759.D

Acq: 21 Mar 2024 21:35

Instrument :

MSVOA_X

ClientSampleId :

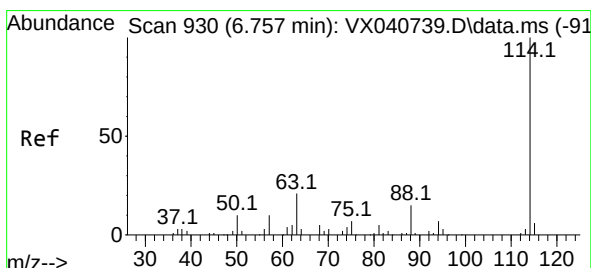
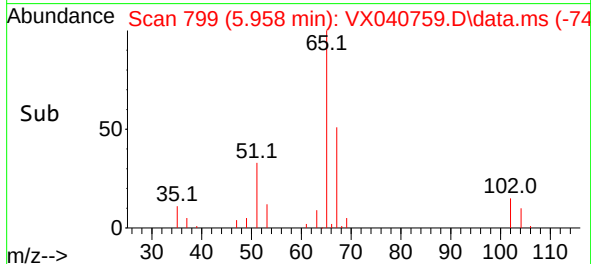
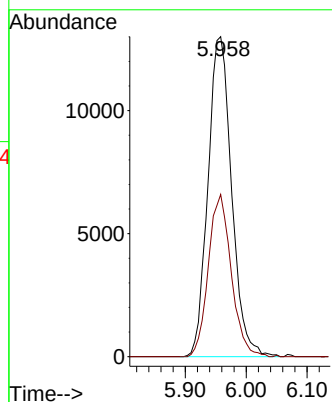
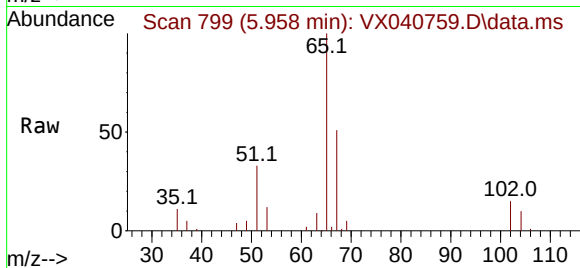
PB159677ZHE#10

Tgt Ion: 65 Resp: 35095

Ion Ratio Lower Upper

65 100

67 49.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040759.D

Acq: 21 Mar 2024 21:35

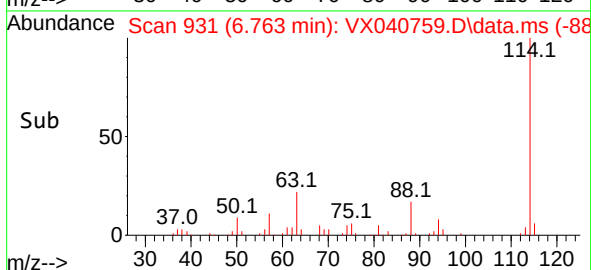
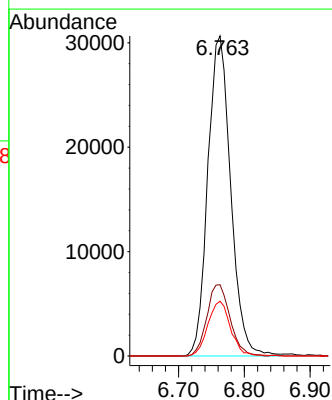
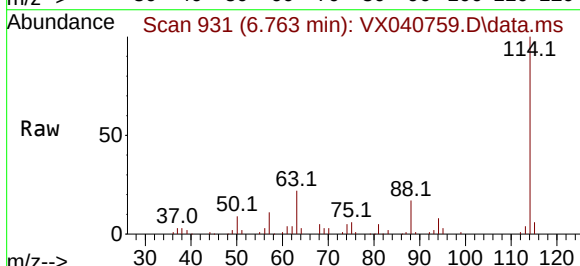
Tgt Ion: 114 Resp: 74160

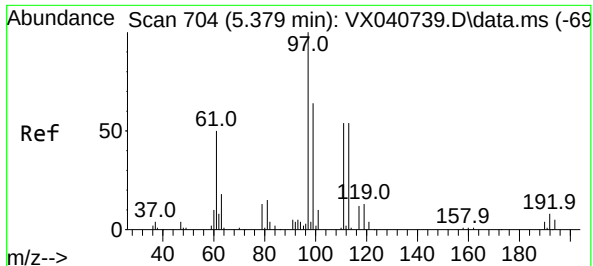
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.391 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX040759.D

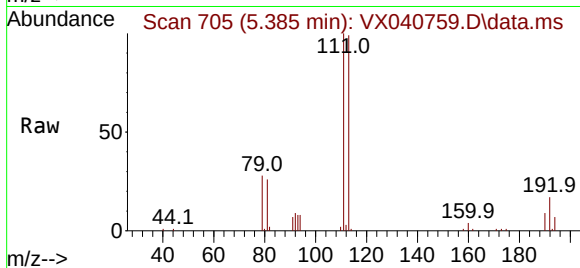
Acq: 21 Mar 2024 21:35

Instrument :

MSVOA_X

ClientSampleId :

PB159677ZHE#10



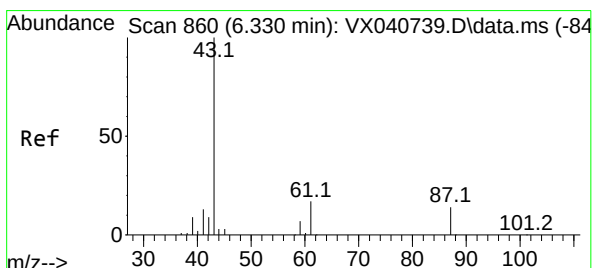
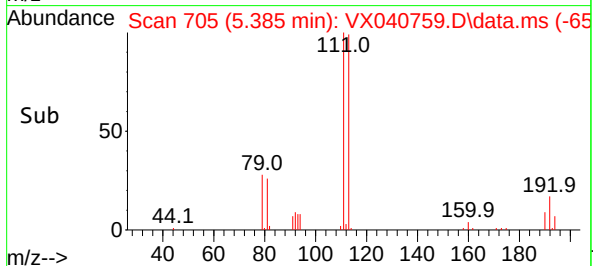
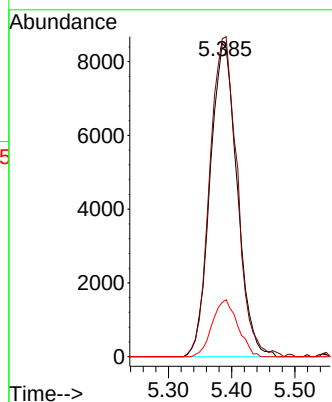
Tgt Ion:113 Resp: 25188

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

192 17.2 13.3 19.9



#43

Isopropyl Acetate

Concen: 26.940 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX040759.D

Acq: 21 Mar 2024 21:35

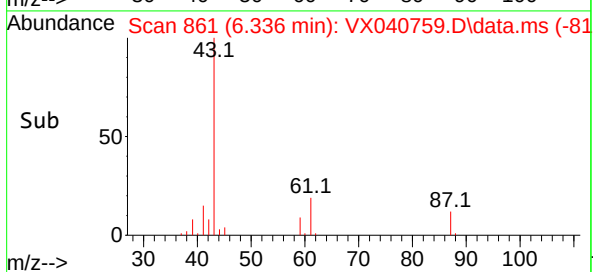
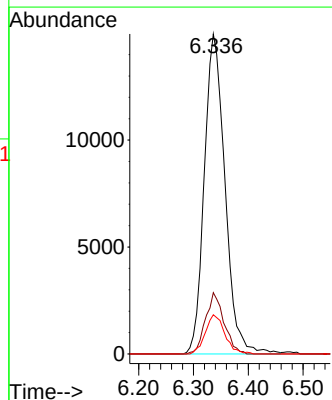
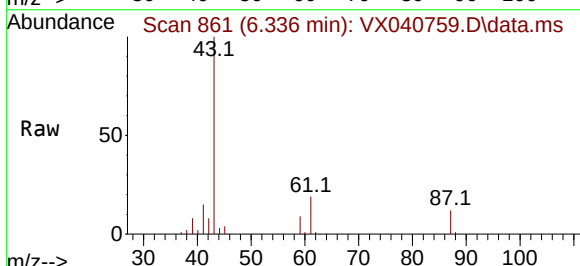
Tgt Ion: 43 Resp: 39249

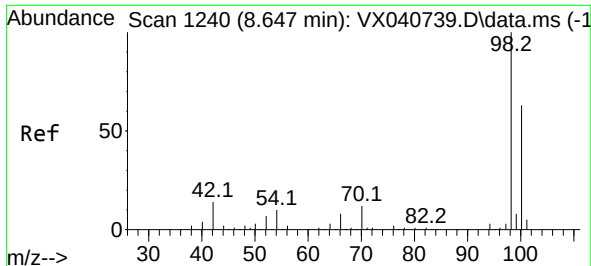
Ion Ratio Lower Upper

43 100

61 17.1 15.2 22.8

87 11.5 9.8 14.6





#50

Toluene-d8

Concen: 46.548 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040759.D

Acq: 21 Mar 2024 21:35

Instrument :

MSVOA_X

ClientSampleId :

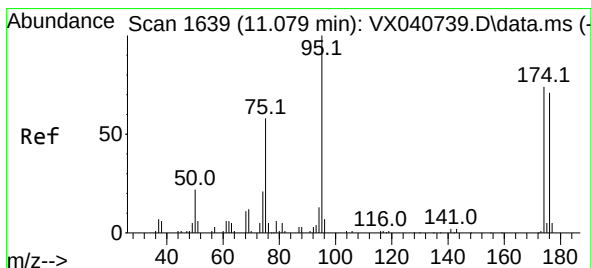
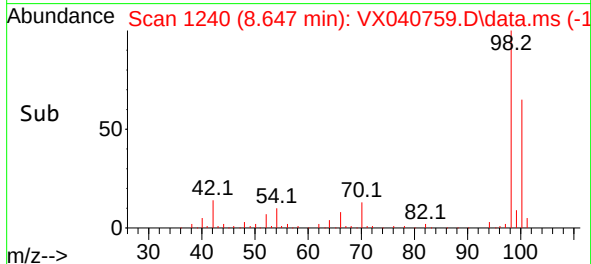
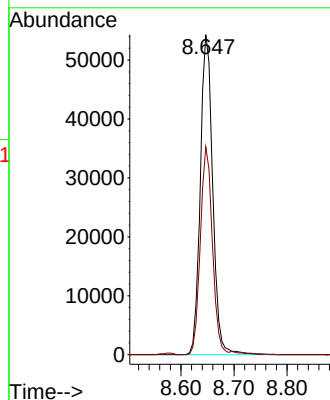
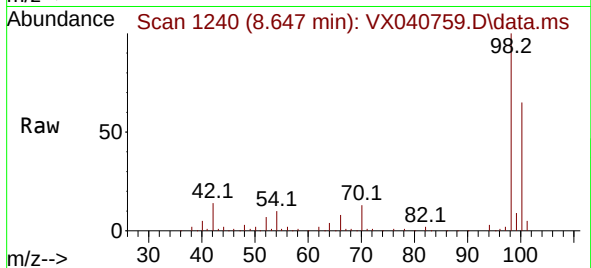
PB159677ZHE#10

Tgt Ion: 98 Resp: 88444

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 47.868 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX040759.D

Acq: 21 Mar 2024 21:35

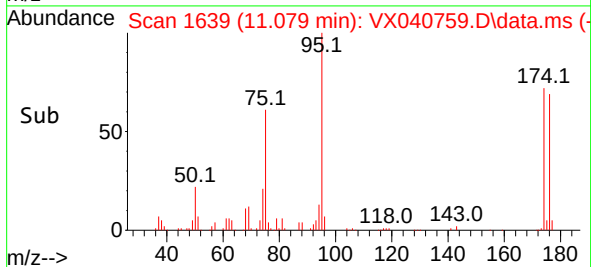
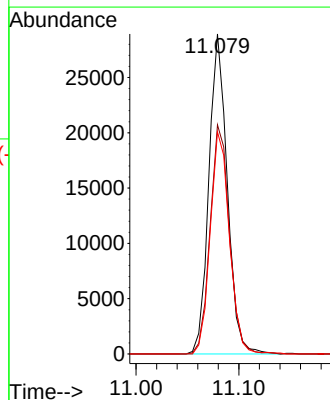
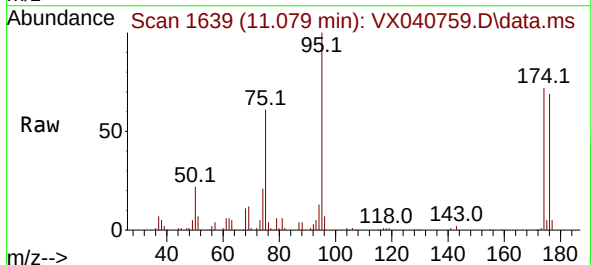
Tgt Ion: 95 Resp: 35934

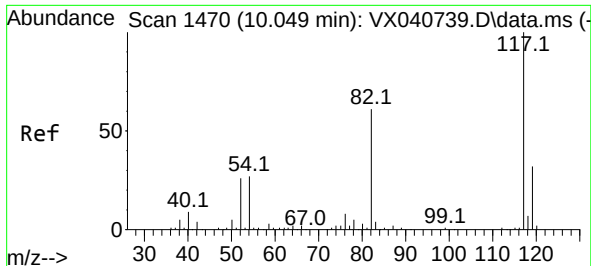
Ion Ratio Lower Upper

95 100

174 75.4 0.0 135.6

176 72.3 0.0 131.0

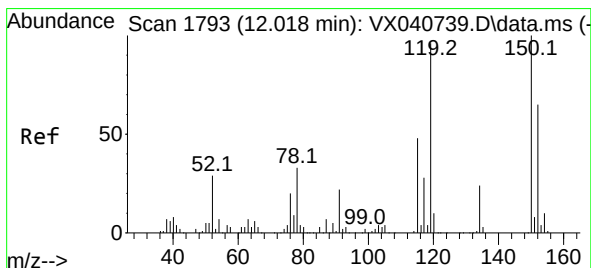
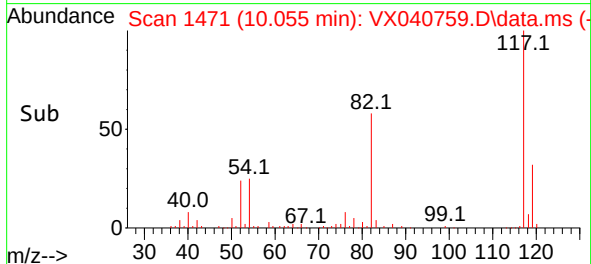
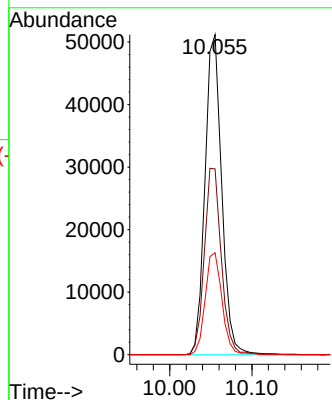
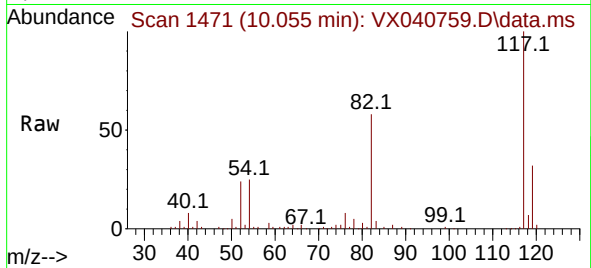




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX040759.D
Acq: 21 Mar 2024 21:35

Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#10

Tgt Ion:117 Resp: 72324
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX040759.D
Acq: 21 Mar 2024 21:35

Tgt Ion:152 Resp: 36498
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 155.9 0.0 345.0

