

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040758.D
 Acq On : 21 Mar 2024 21:12
 Operator : JC/MD
 Sample : PB159677ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159677ZHE#09

Quant Time: Mar 22 03:02:09 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)

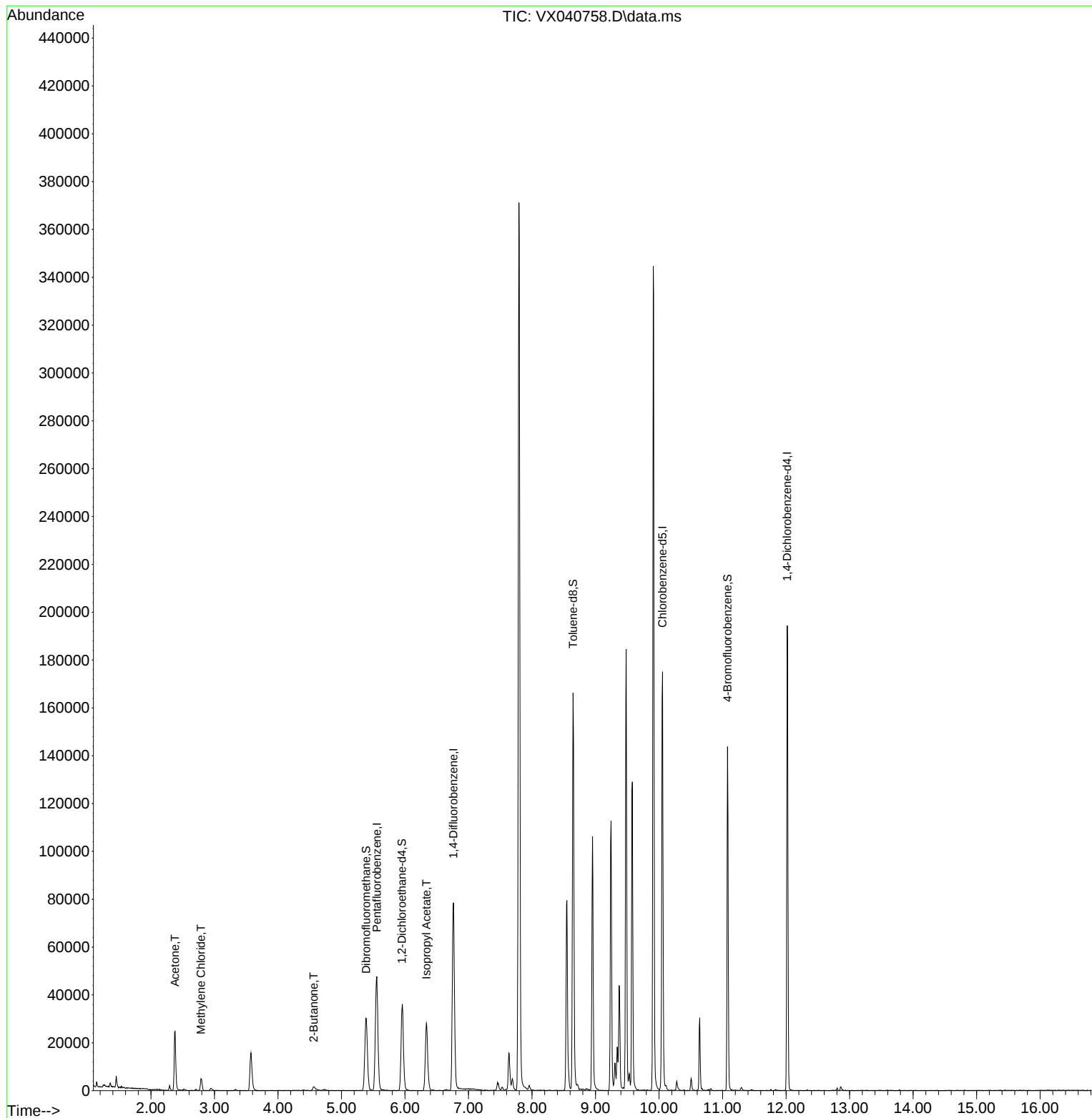
Internal Standards						
1) Pentafluorobenzene	5.555	168	42116	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	76557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	73323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	36890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	35881	50.668	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.340%
35) Dibromofluoromethane	5.385	113	25665	44.803	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.600%
50) Toluene-d8	8.646	98	95663	48.771	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.540%
62) 4-Bromofluorobenzene	11.079	95	35666	46.024	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.040%
Target Compounds						
						Qvalue
16) Acetone	2.379	43	28184	112.361	ug/l	97
20) Methylene Chloride	2.788	84	2320	4.231	ug/l	91
25) 2-Butanone	4.562	43	2795	7.114	ug/l	99
43) Isopropyl Acetate	6.336	43	39752	26.431	ug/l	97

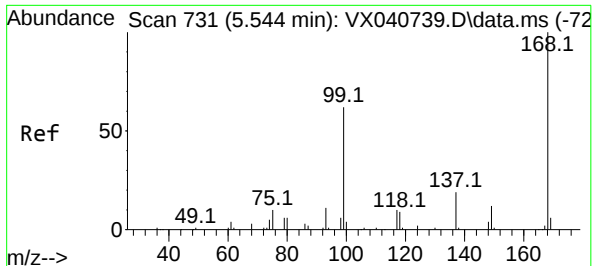
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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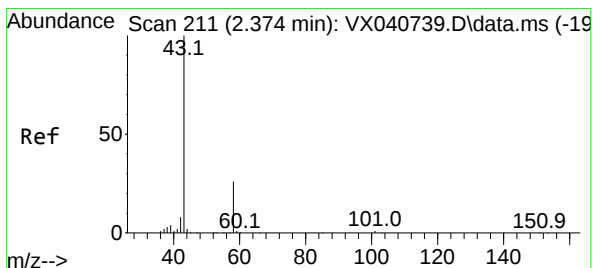
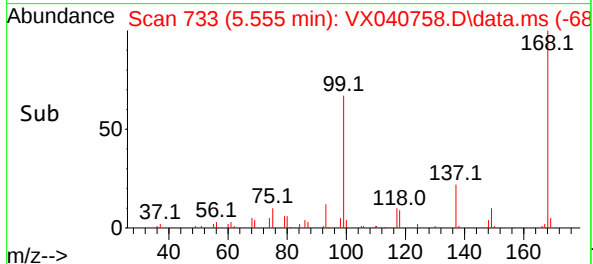
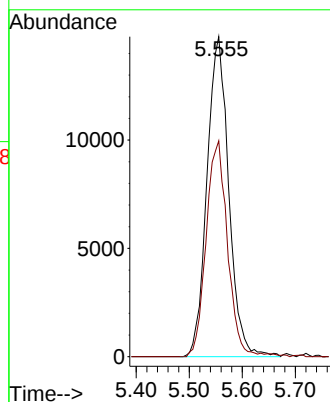
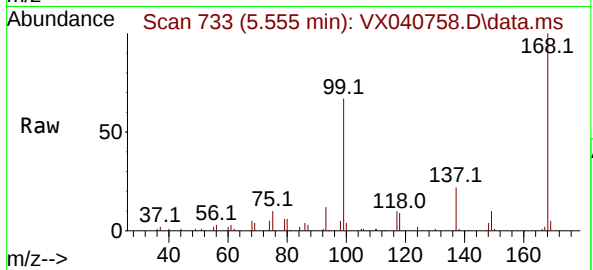




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.011 min
Lab File: VX040758.D
Acq: 21 Mar 2024 21:12

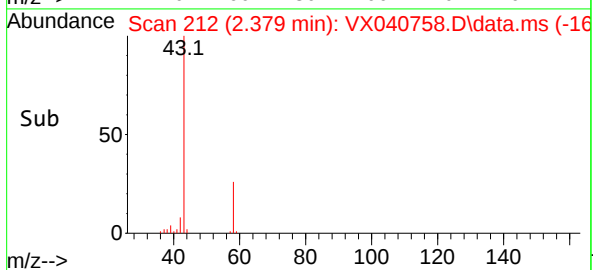
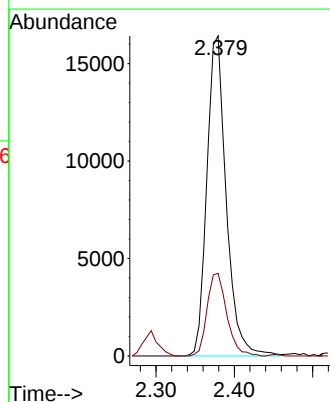
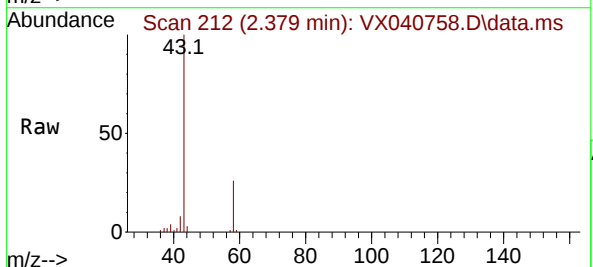
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#09

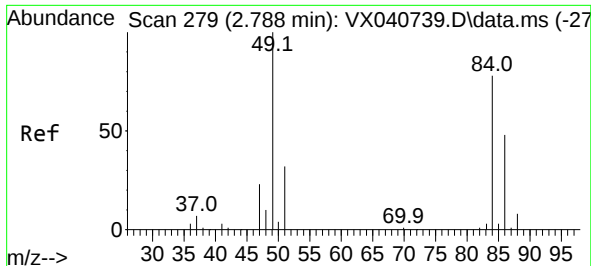
Tgt Ion:168 Resp: 42116
Ion Ratio Lower Upper
168 100
99 67.5 56.6 85.0



#16
Acetone
Concen: 112.361 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.005 min
Lab File: VX040758.D
Acq: 21 Mar 2024 21:12

Tgt Ion: 43 Resp: 28184
Ion Ratio Lower Upper
43 100
58 25.8 21.9 32.9





#20

Methylene Chloride

Concen: 4.231 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040758.D

Acq: 21 Mar 2024 21:12

Instrument :

MSVOA_X

ClientSampleId :

PB159677ZHE#09

Tgt Ion: 84 Resp: 2320

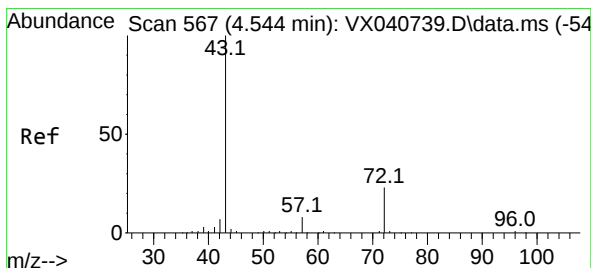
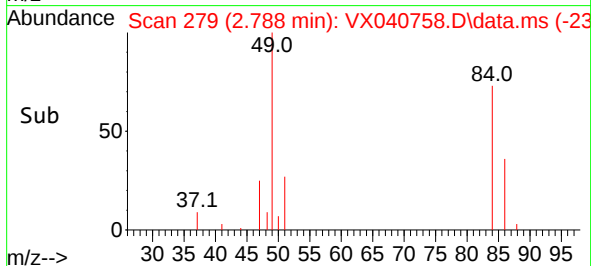
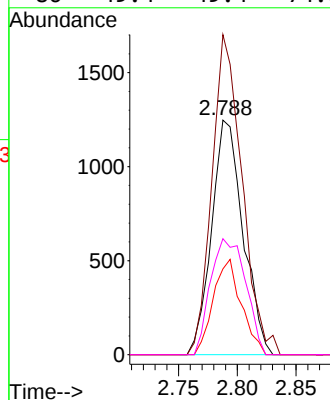
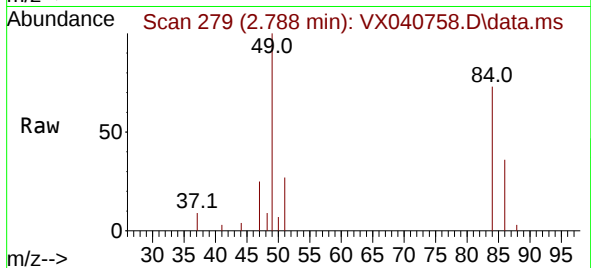
Ion Ratio Lower Upper

84 100

49 136.4 103.6 155.4

51 36.5 33.8 50.6

86 49.4 49.4 74.0



#25

2-Butanone

Concen: 7.114 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.018 min

Lab File: VX040758.D

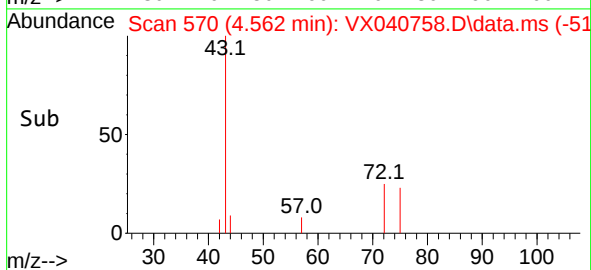
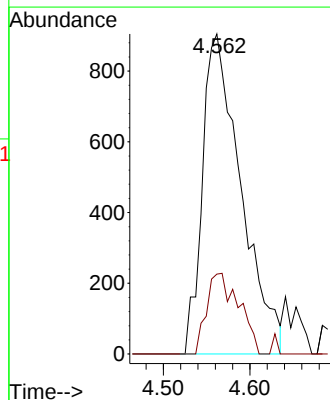
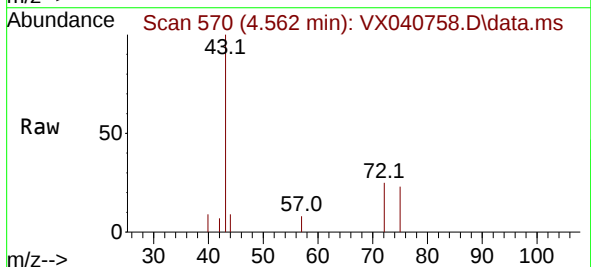
Acq: 21 Mar 2024 21:12

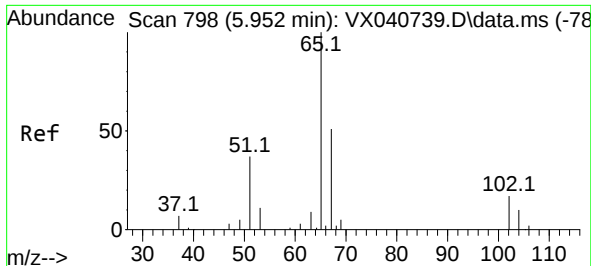
Tgt Ion: 43 Resp: 2795

Ion Ratio Lower Upper

43 100

72 25.0 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 50.668 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX040758.D

Acq: 21 Mar 2024 21:12

Instrument :

MSVOA_X

ClientSampleId :

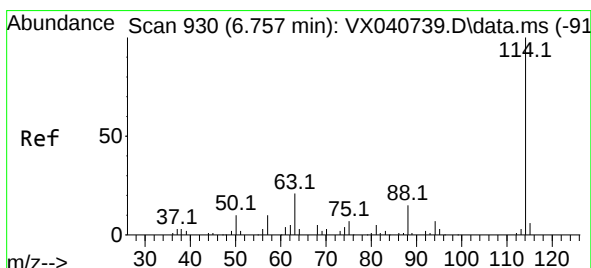
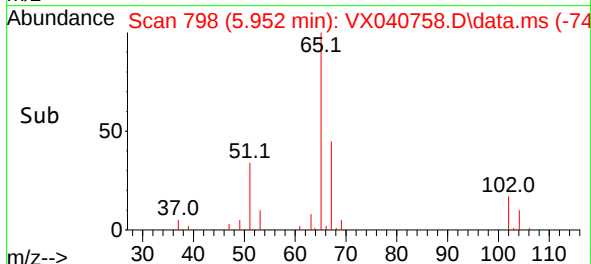
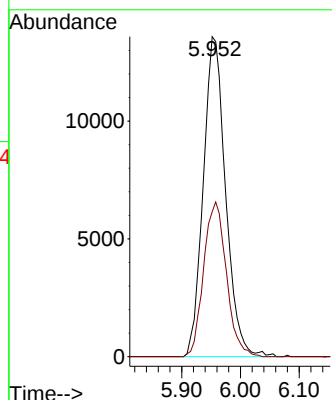
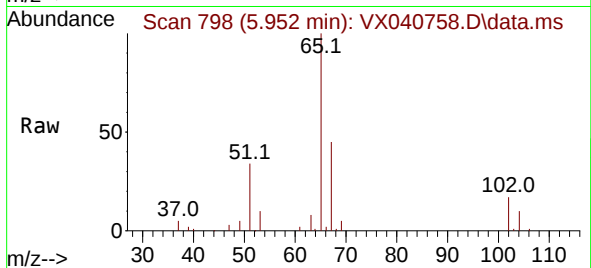
PB159677ZHE#09

Tgt Ion: 65 Resp: 35881

Ion Ratio Lower Upper

65 100

67 49.2 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: VX040758.D

Acq: 21 Mar 2024 21:12

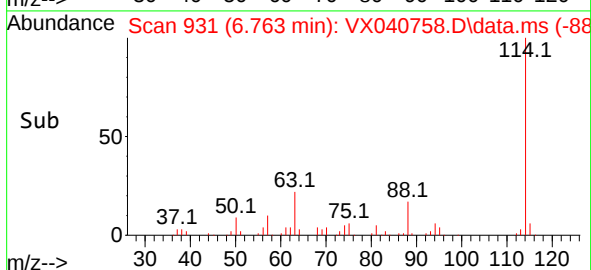
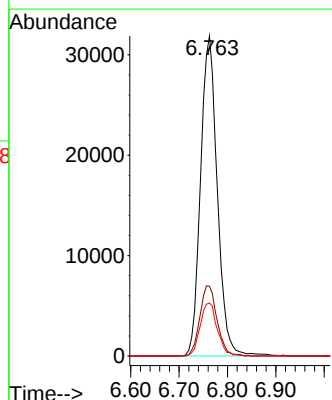
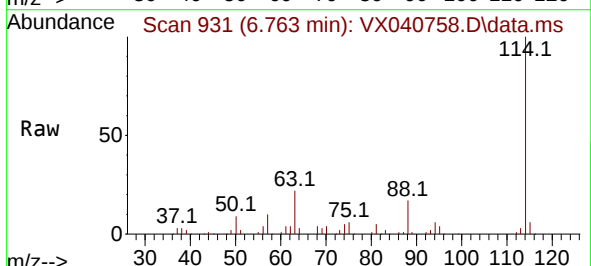
Tgt Ion: 114 Resp: 76557

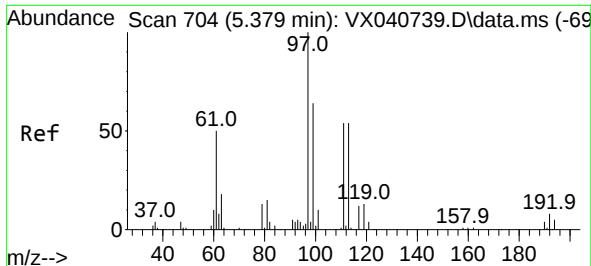
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.803 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX040758.D

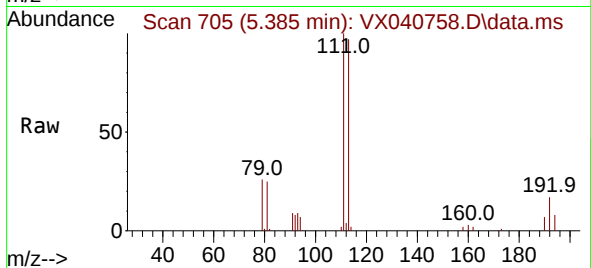
Acq: 21 Mar 2024 21:12

Instrument :

MSVOA_X

ClientSampleId :

PB159677ZHE#09



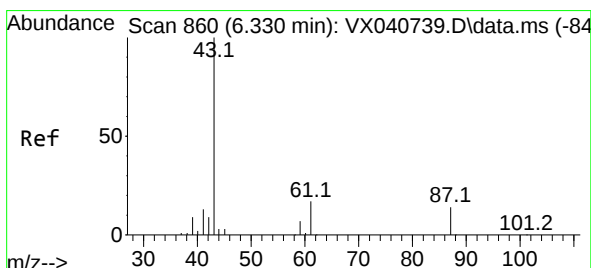
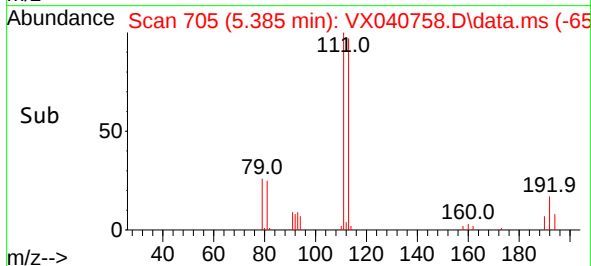
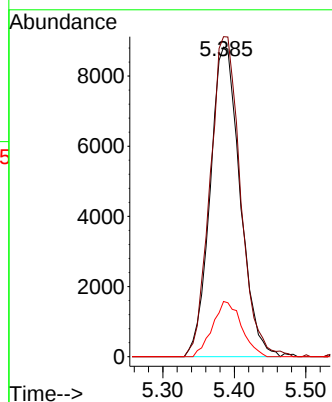
Tgt Ion:113 Resp: 25665

Ion Ratio Lower Upper

113 100

111 104.4 82.9 124.3

192 17.3 13.3 19.9



#43

Isopropyl Acetate

Concen: 26.431 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX040758.D

Acq: 21 Mar 2024 21:12

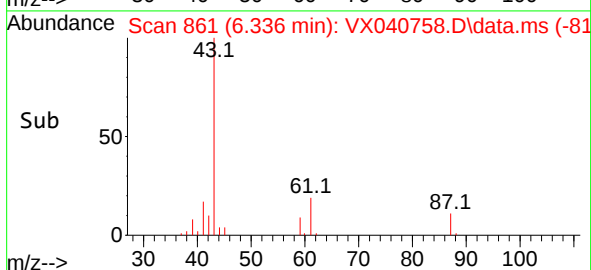
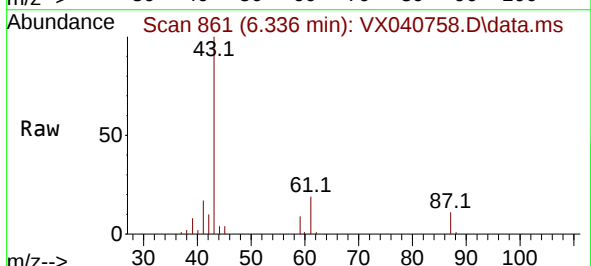
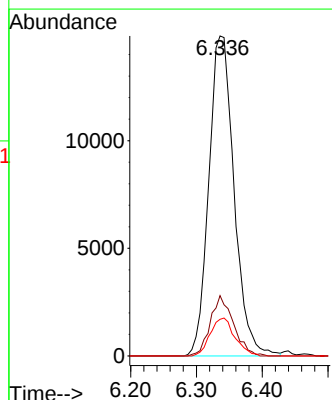
Tgt Ion: 43 Resp: 39752

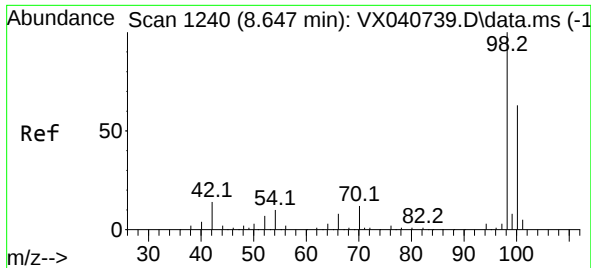
Ion Ratio Lower Upper

43 100

61 17.3 15.2 22.8

87 11.5 9.8 14.6

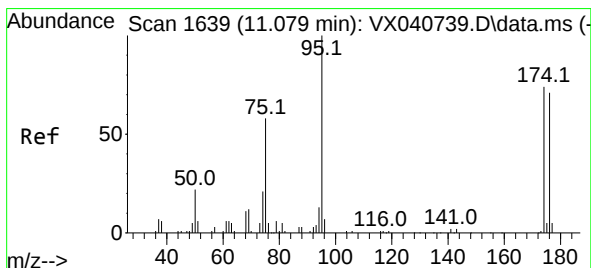
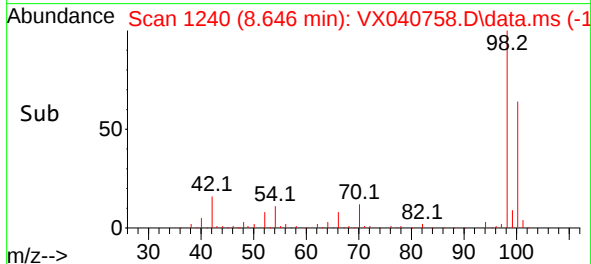
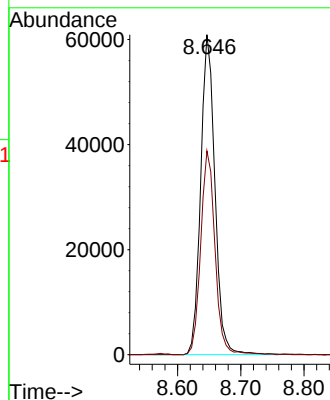
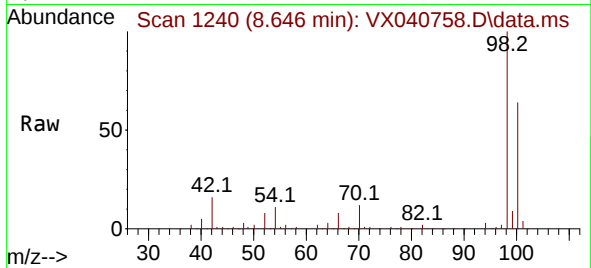




#50
Toluene-d8
Concen: 48.771 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040758.D
Acq: 21 Mar 2024 21:12

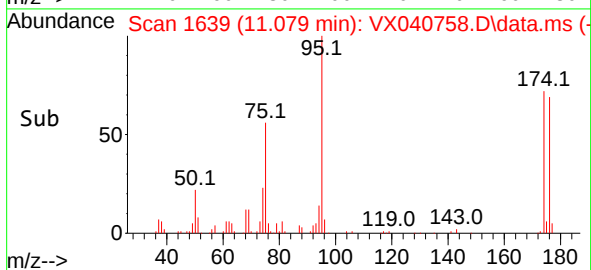
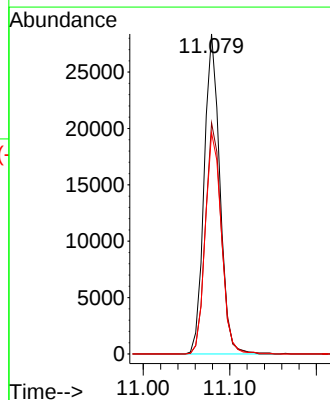
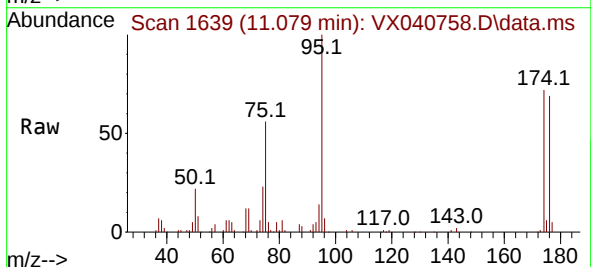
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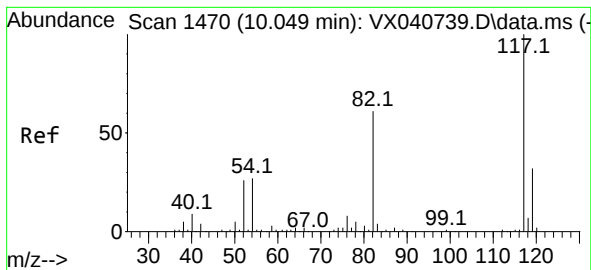
Tgt Ion: 98 Resp: 95663
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.024 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040758.D
Acq: 21 Mar 2024 21:12

Tgt Ion: 95 Resp: 35666
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 71.4 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: VX040758.D

Acq: 21 Mar 2024 21:12

Instrument :

MSVOA_X

ClientSampleId :

PB159677ZHE#09

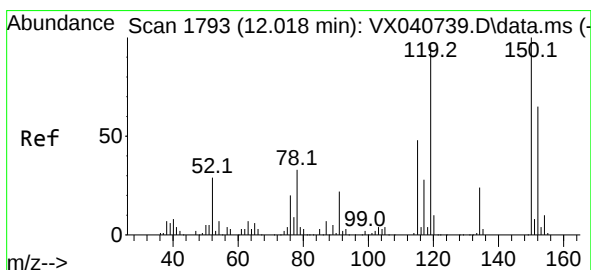
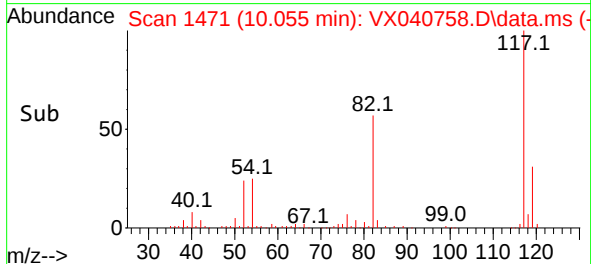
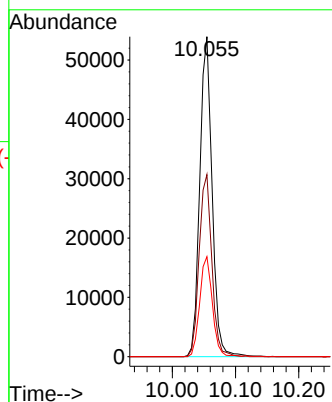
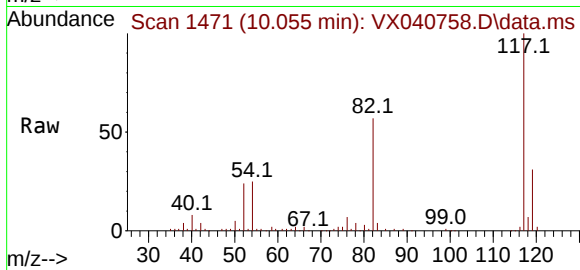
Tgt Ion:117 Resp: 73323

Ion Ratio Lower Upper

117 100

82 56.9 46.2 69.4

119 31.2 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: VX040758.D

Acq: 21 Mar 2024 21:12

Tgt Ion:152 Resp: 36890

Ion Ratio Lower Upper

152 100

115 62.2 43.3 129.9

150 156.7 0.0 345.0

