

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040762.D
 Acq On : 21 Mar 2024 22:43
 Operator : JC/MD
 Sample : PB159677ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159677ZHE#13

Quant Time: Mar 22 03:03:48 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)

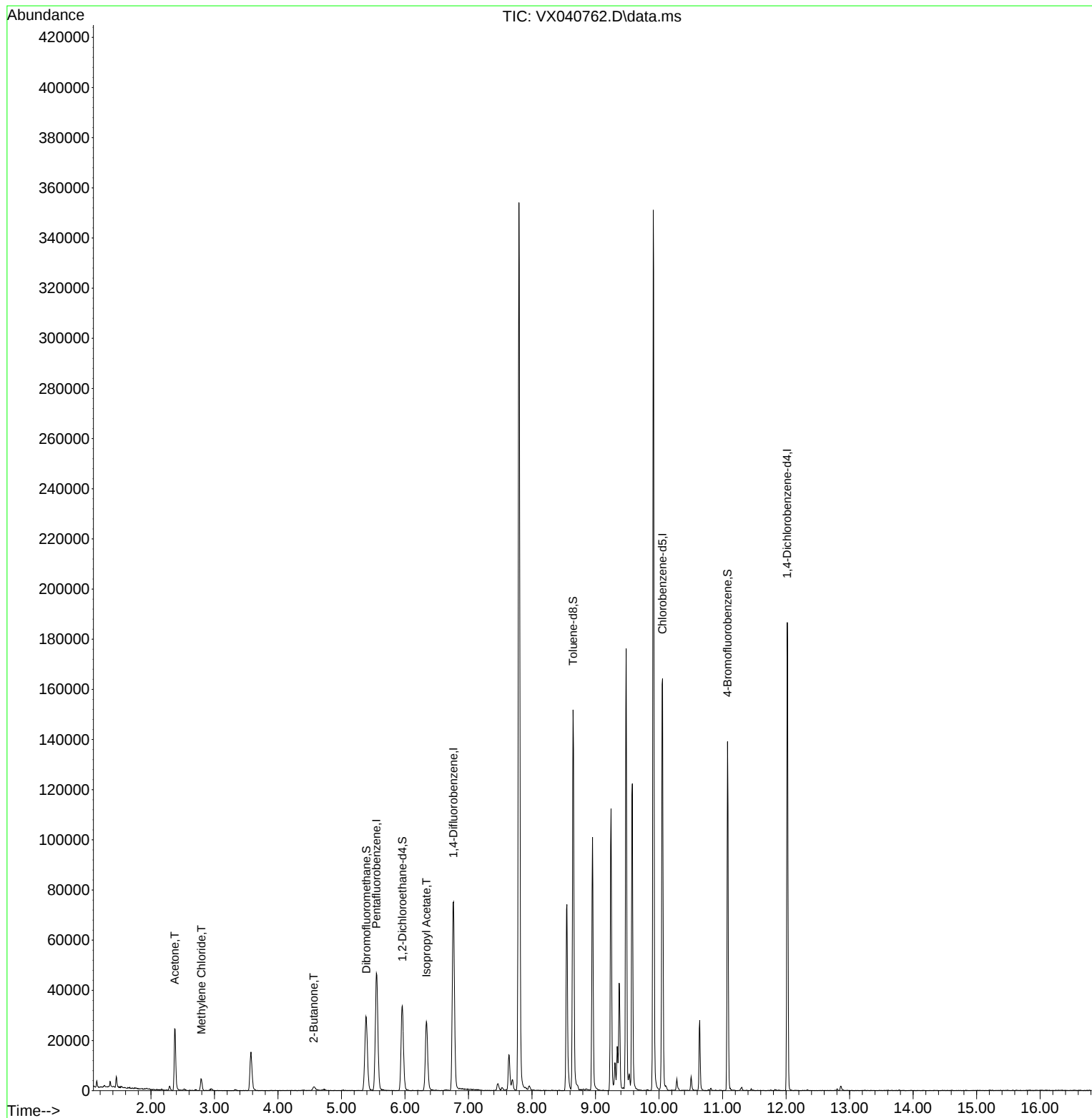
Internal Standards						
1) Pentafluorobenzene	5.549	168	41125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	73496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	70016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	35301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34099	49.312	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.620%
35) Dibromofluoromethane	5.391	113	24815	45.123	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.240%
50) Toluene-d8	8.646	98	89062	47.297	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.600%
62) 4-Bromofluorobenzene	11.079	95	34693	46.633	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.260%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	28571	116.649	ug/l	93
20) Methylene Chloride	2.794	84	2136	3.990	ug/l	96
25) 2-Butanone	4.562	43	2653	6.915	ug/l	91
43) Isopropyl Acetate	6.336	43	39463	27.332	ug/l	97

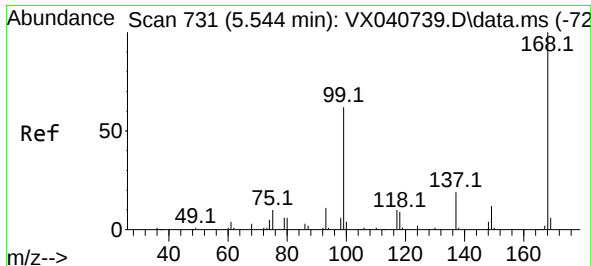
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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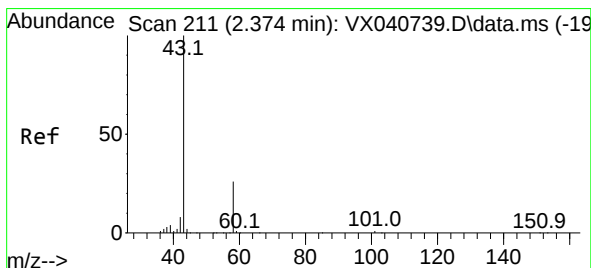
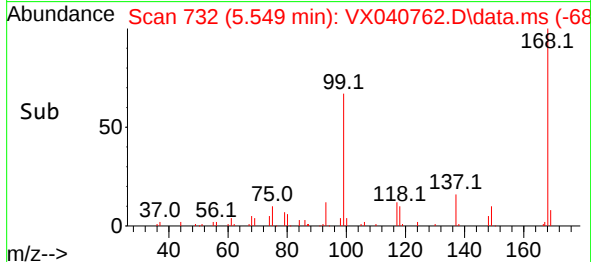
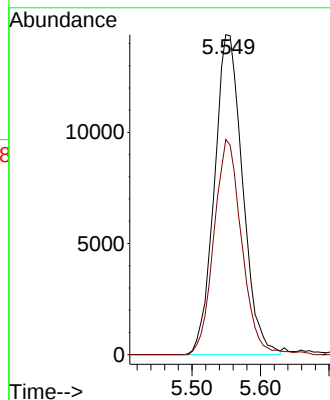
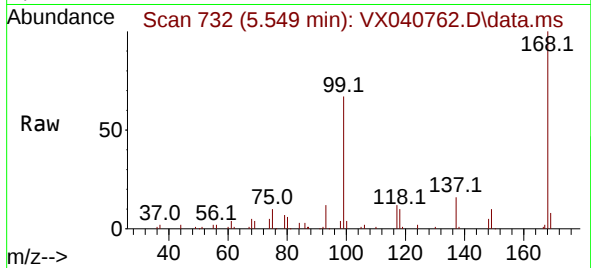




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX040762.D
Acq: 21 Mar 2024 22:43

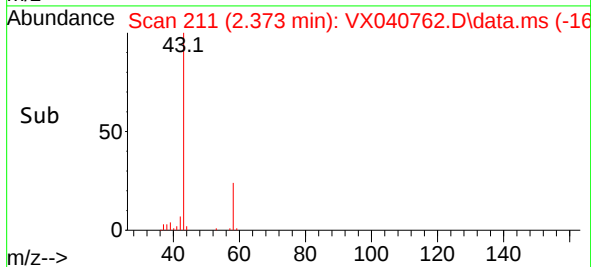
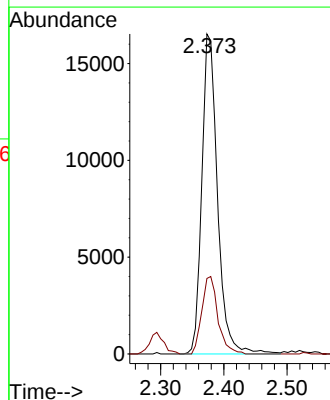
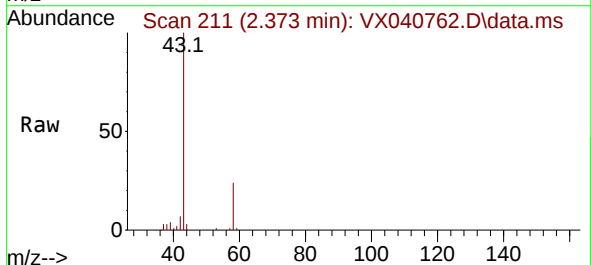
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#13

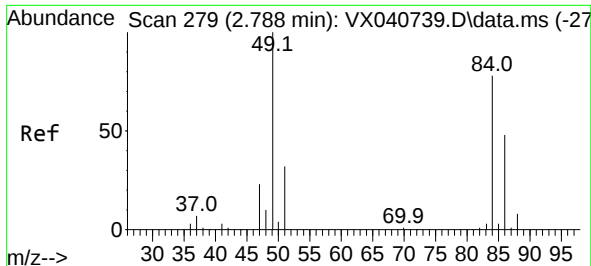
Tgt Ion:168 Resp: 41125
Ion Ratio Lower Upper
168 100
99 67.3 56.6 85.0



#16
Acetone
Concen: 116.649 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX040762.D
Acq: 21 Mar 2024 22:43

Tgt Ion: 43 Resp: 28571
Ion Ratio Lower Upper
43 100
58 23.6 21.9 32.9

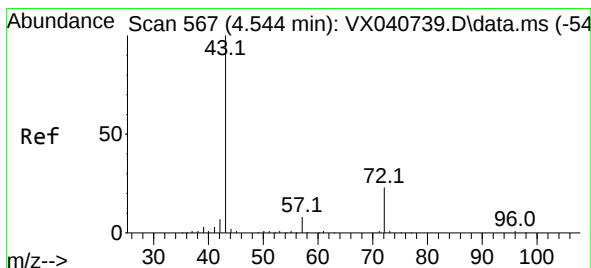
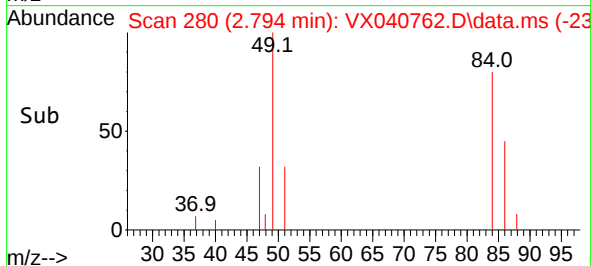
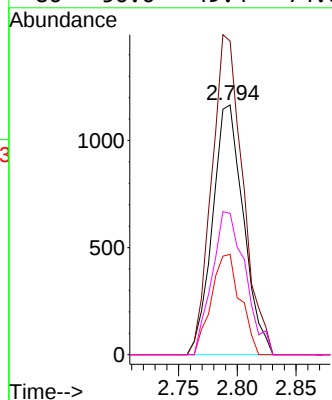
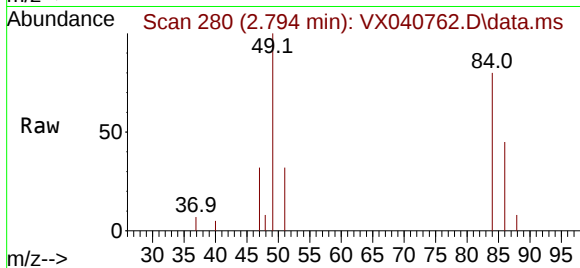




#20
Methylene Chloride
Concen: 3.990 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040762.D
Acq: 21 Mar 2024 22:43

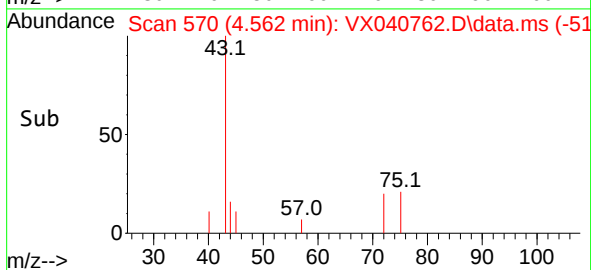
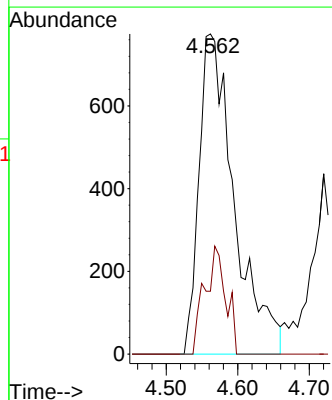
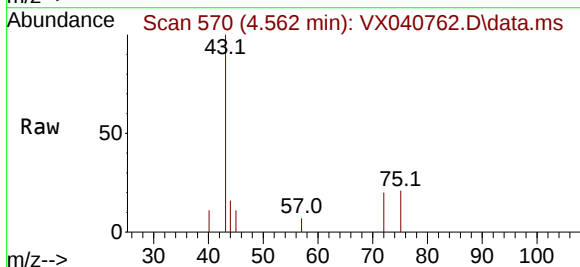
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#13

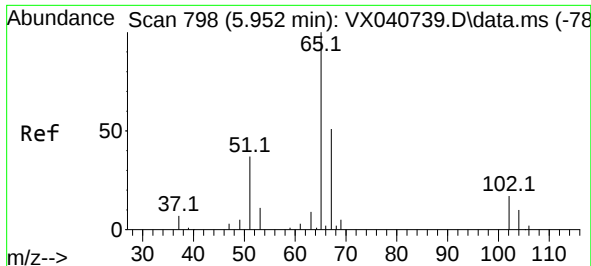
Tgt Ion:	84	Resp:	2136
Ion	Ratio	Lower	Upper
84	100		
49	125.6	103.6	155.4
51	40.1	33.8	50.6
86	56.6	49.4	74.0



#25
2-Butanone
Concen: 6.915 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.018 min
Lab File: VX040762.D
Acq: 21 Mar 2024 22:43

Tgt Ion:	43	Resp:	2653
Ion	Ratio	Lower	Upper
43	100		
72	19.6	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 49.312 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040762.D

Acq: 21 Mar 2024 22:43

Instrument :

MSVOA_X

ClientSampleId :

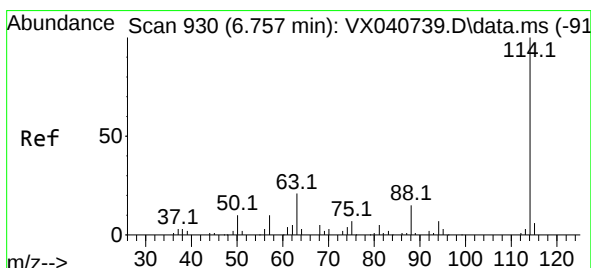
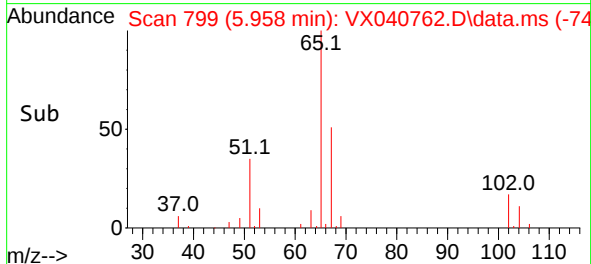
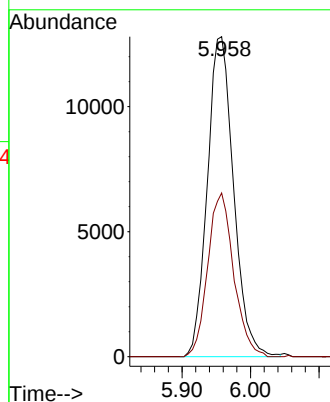
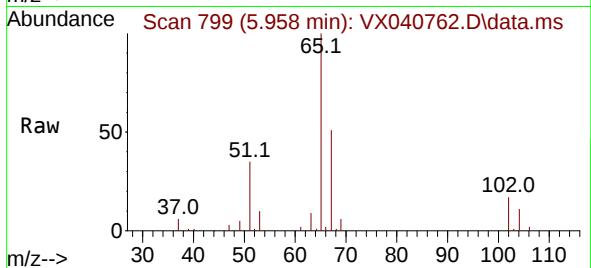
PB159677ZHE#13

Tgt Ion: 65 Resp: 34099

Ion Ratio Lower Upper

65 100

67 50.5 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: VX040762.D

Acq: 21 Mar 2024 22:43

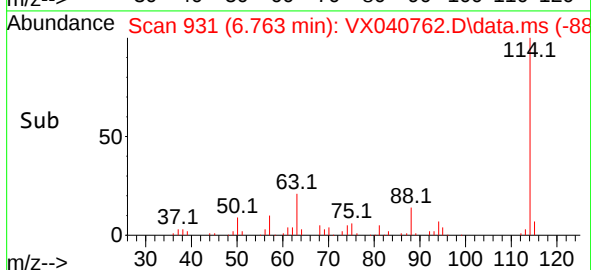
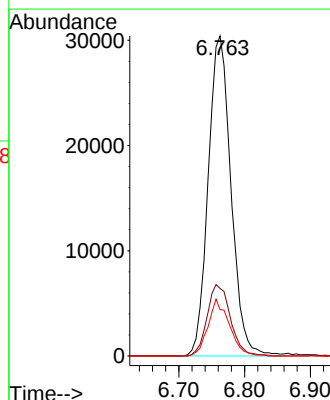
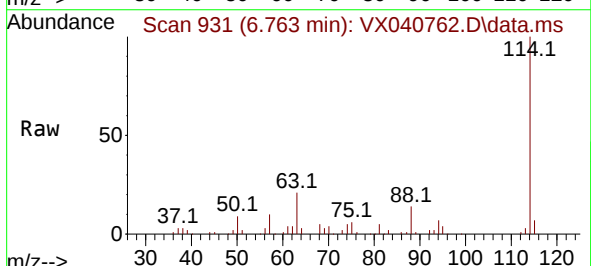
Tgt Ion: 114 Resp: 73496

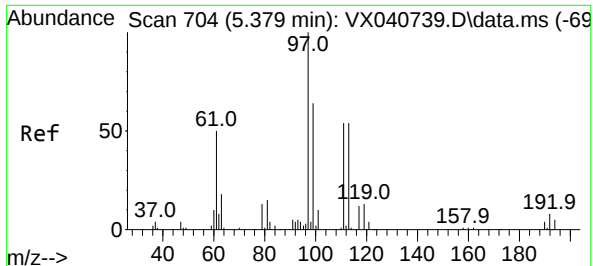
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 14.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.123 ug/l

RT: 5.391 min Scan# 704

Delta R.T. 0.012 min

Lab File: VX040762.D

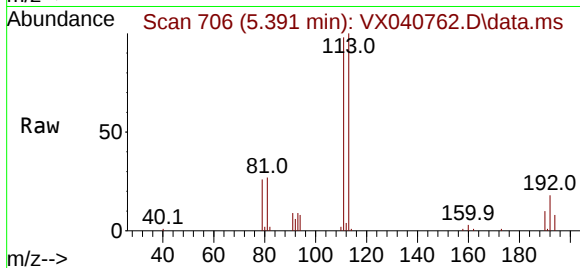
Acq: 21 Mar 2024 22:43

Instrument :

MSVOA_X

ClientSampleId :

PB159677ZHE#13



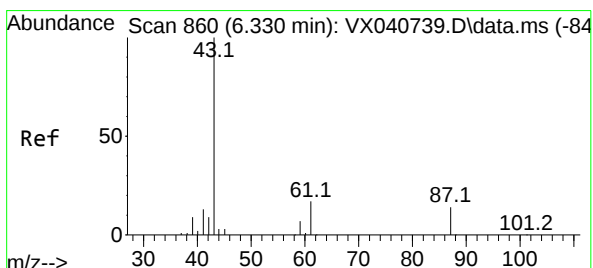
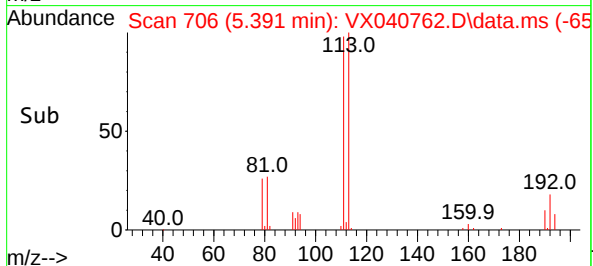
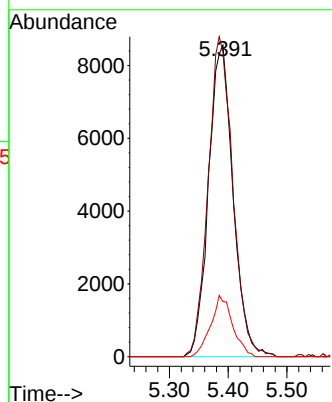
Tgt Ion:113 Resp: 24815

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 17.6 13.3 19.9



#43

Isopropyl Acetate

Concen: 27.332 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX040762.D

Acq: 21 Mar 2024 22:43

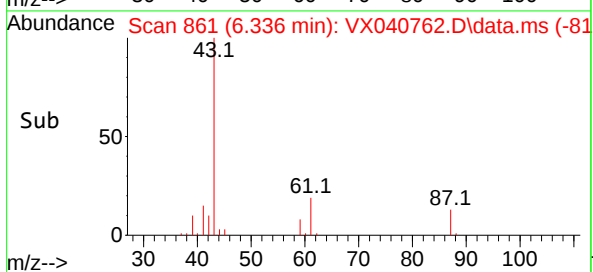
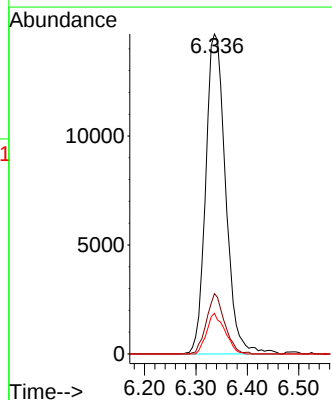
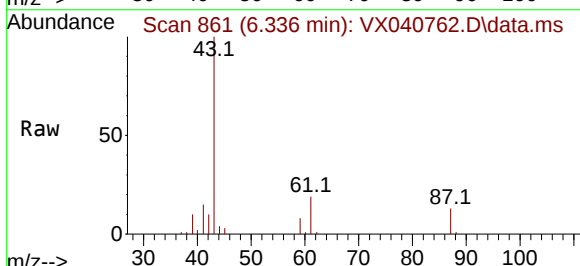
Tgt Ion: 43 Resp: 39463

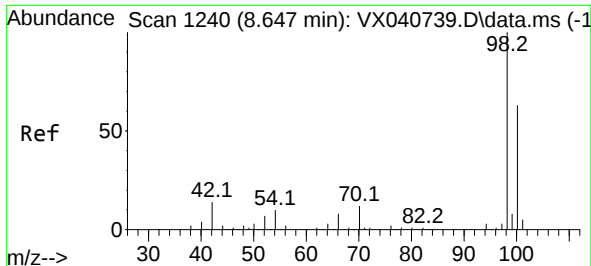
Ion Ratio Lower Upper

43 100

61 17.2 15.2 22.8

87 11.6 9.8 14.6





#50

Toluene-d8

Concen: 47.297 ug/l

RT: 8.646 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040762.D

Acq: 21 Mar 2024 22:43

Instrument :

MSVOA_X

ClientSampleId :

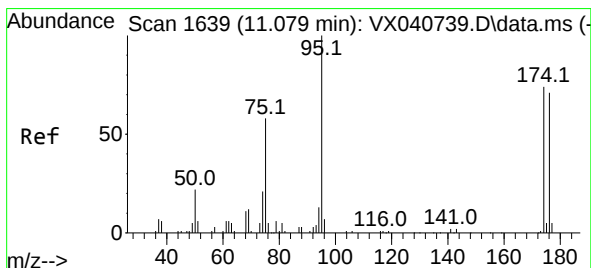
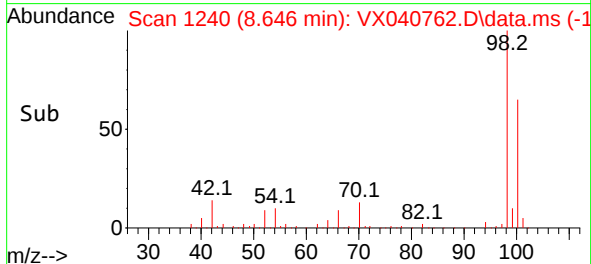
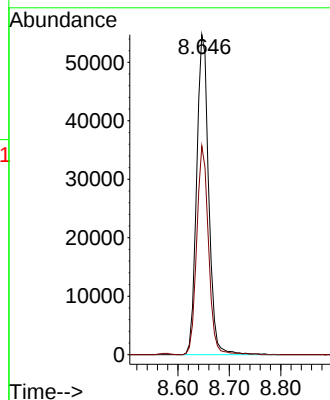
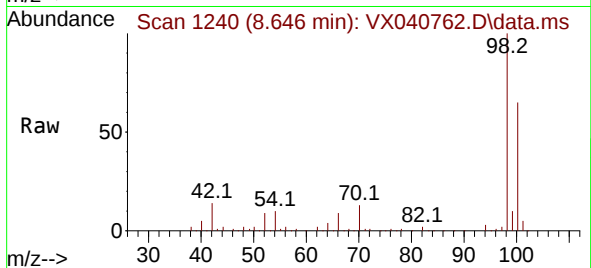
PB159677ZHE#13

Tgt Ion: 98 Resp: 89062

Ion Ratio Lower Upper

98 100

100 64.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.633 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX040762.D

Acq: 21 Mar 2024 22:43

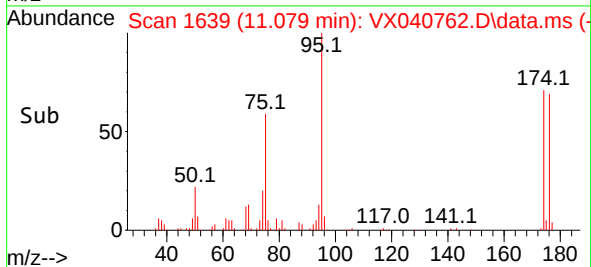
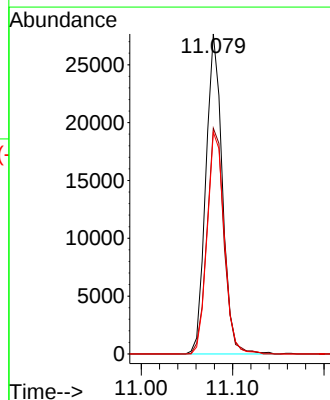
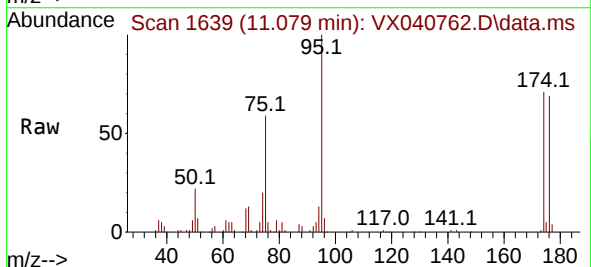
Tgt Ion: 95 Resp: 34693

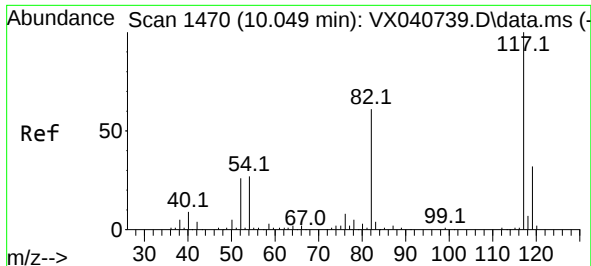
Ion Ratio Lower Upper

95 100

174 72.7 0.0 135.6

176 71.6 0.0 131.0

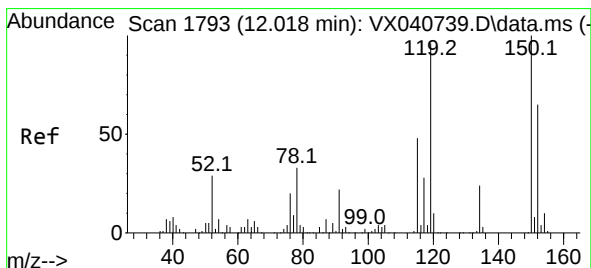
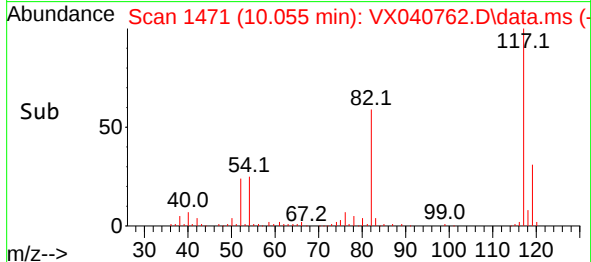
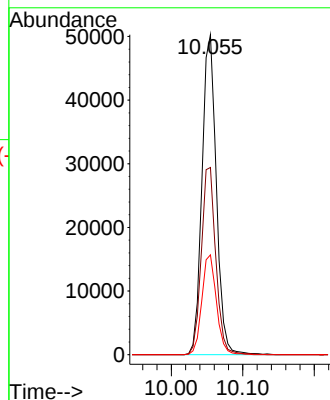
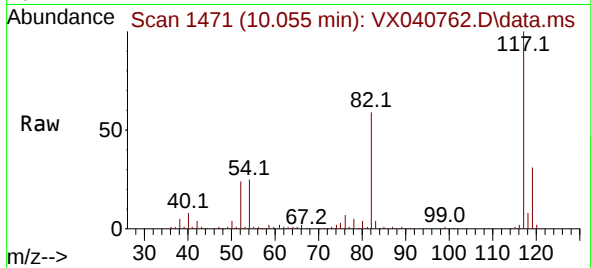




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX040762.D
Acq: 21 Mar 2024 22:43

Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#13

Tgt Ion:117 Resp: 70016
Ion Ratio Lower Upper
117 100
82 58.5 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: VX040762.D
Acq: 21 Mar 2024 22:43

Tgt Ion:152 Resp: 35301
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 158.2 0.0 345.0

