

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040749.D
 Acq On : 21 Mar 2024 17:46
 Operator : JC/MD
 Sample : PB159677TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159677TB

Quant Time: Mar 22 02:58:21 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)

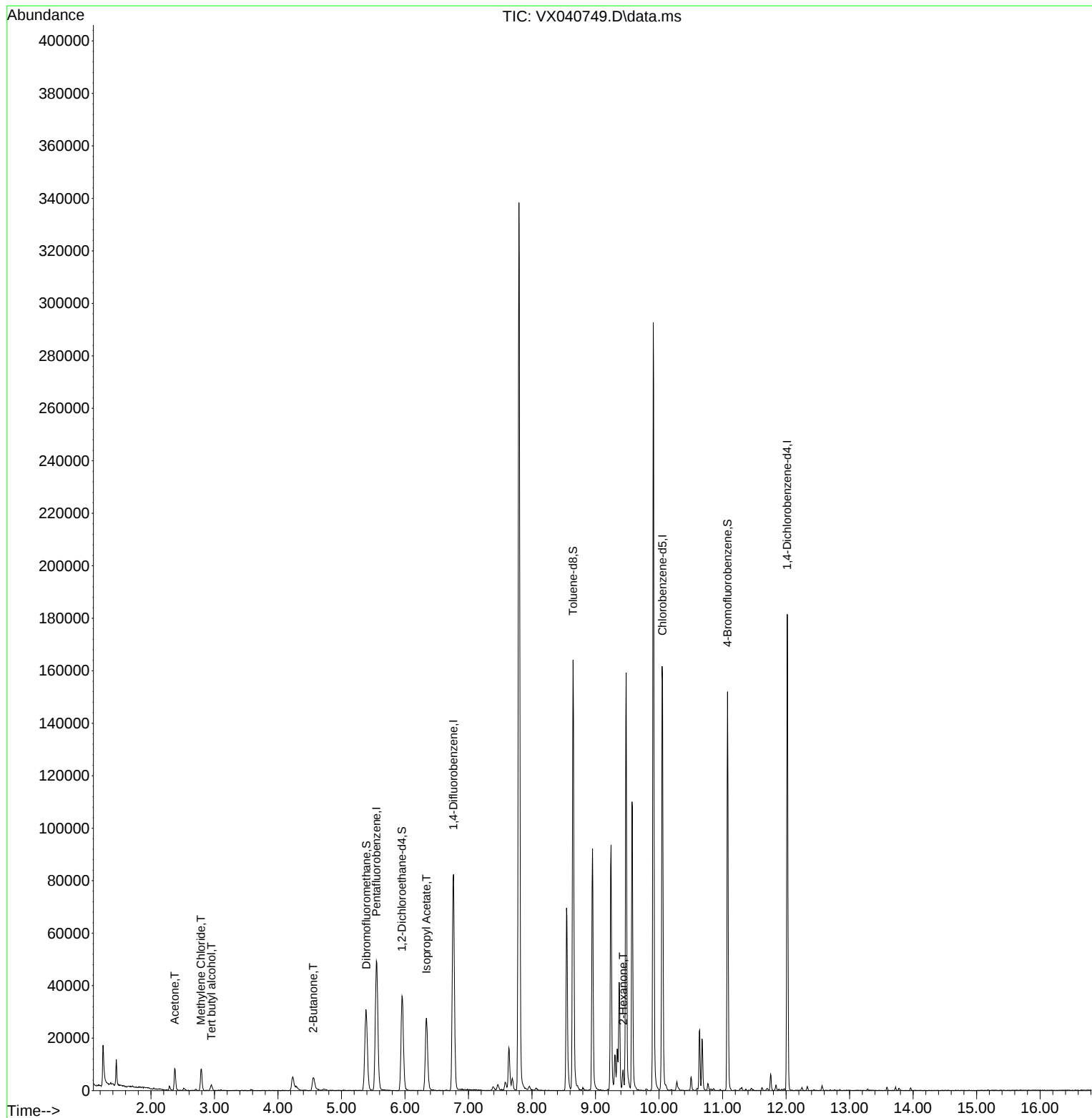
Internal Standards						
1) Pentafluorobenzene	5.550	168	44033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	78555	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	68702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	33924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	36566	49.387	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.780%
35) Dibromofluoromethane	5.391	113	25744	43.798	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.600%
50) Toluene-d8	8.647	98	94182	46.795	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.580%
62) 4-Bromofluorobenzene	11.079	95	37274	46.875	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	2304	19.433	ug/l	99
16) Acetone	2.374	43	9162	34.936	ug/l	98
20) Methylene Chloride	2.788	84	3483	6.076	ug/l	94
25) 2-Butanone	4.556	43	9504	23.137	ug/l	95
43) Isopropyl Acetate	6.336	43	39137	25.360	ug/l	98
59) 2-Hexanone	9.433	43	4729	6.379	ug/l	91

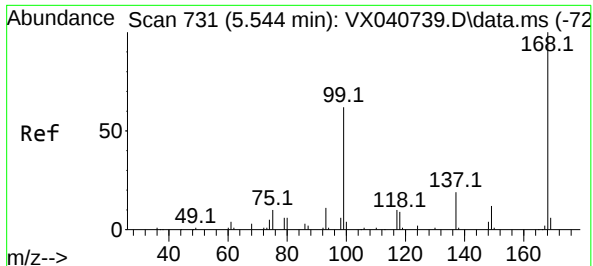
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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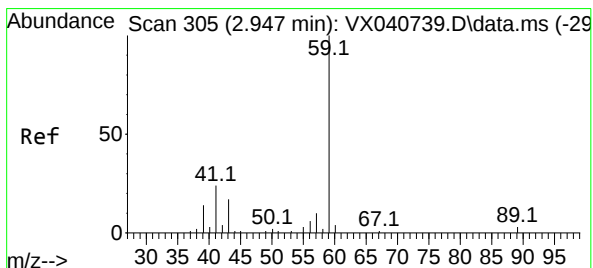
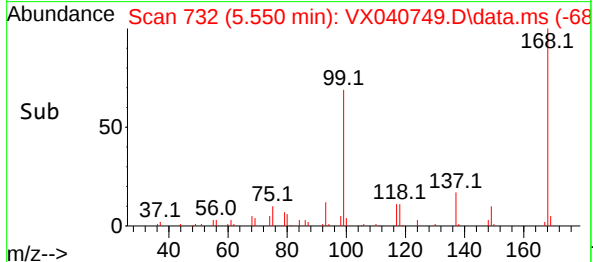
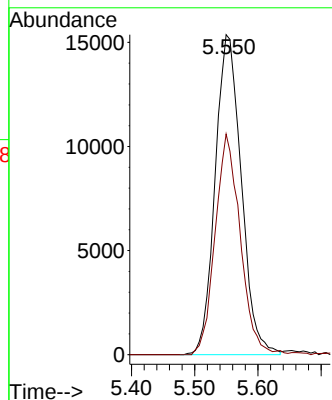
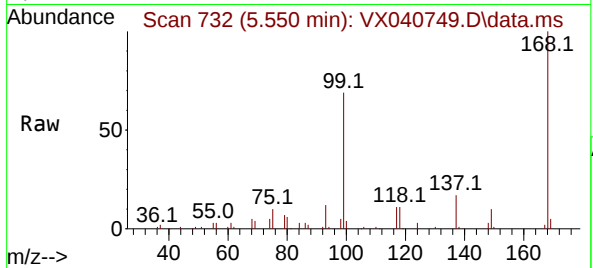




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040749.D
Acq: 21 Mar 2024 17:46

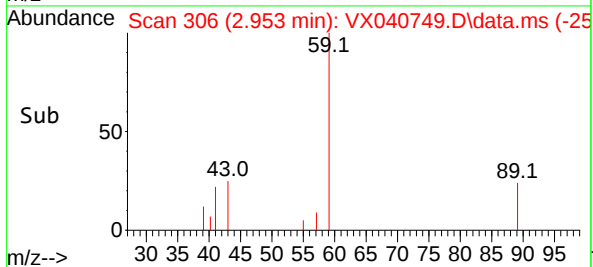
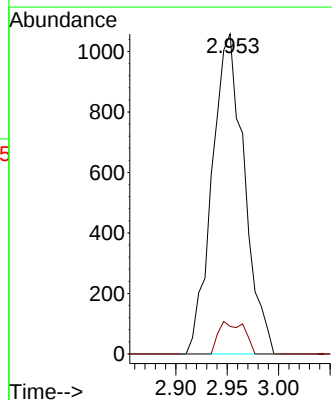
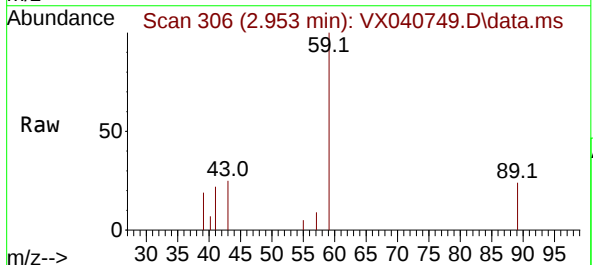
Instrument :
MSVOA_X
ClientSampleId :
PB159677TB

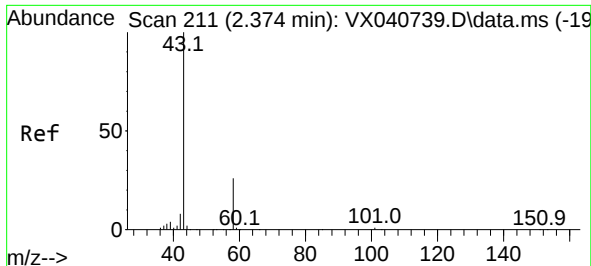
Tgt Ion:168 Resp: 44033
Ion Ratio Lower Upper
168 100
99 69.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 19.433 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX040749.D
Acq: 21 Mar 2024 17:46

Tgt Ion: 59 Resp: 2304
Ion Ratio Lower Upper
59 100
57 8.0 6.0 9.0

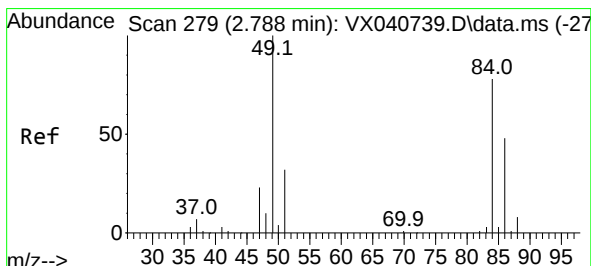
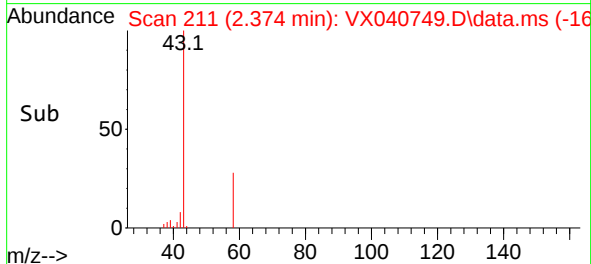
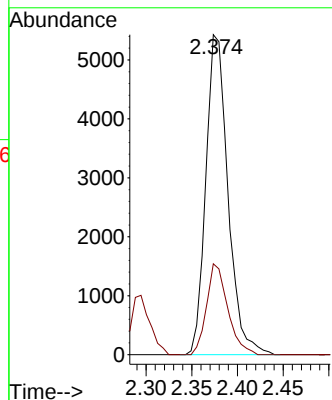
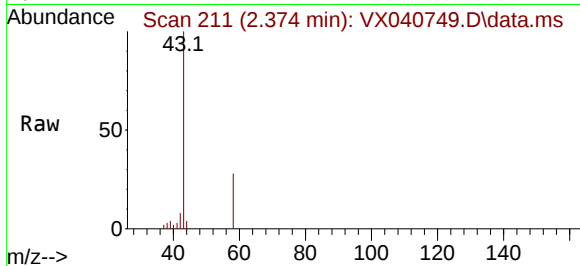




#16
Acetone
Concen: 34.936 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040749.D
Acq: 21 Mar 2024 17:46

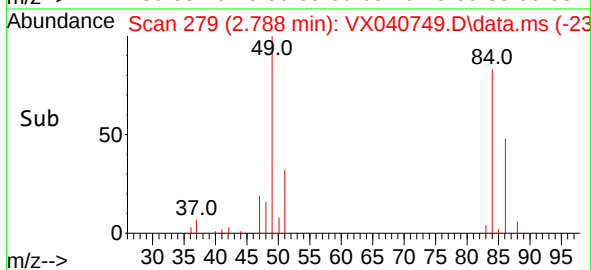
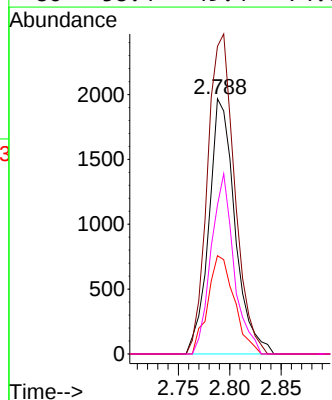
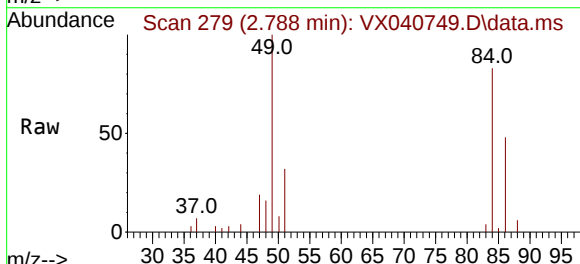
Instrument :
MSVOA_X
ClientSampleId :
PB159677TB

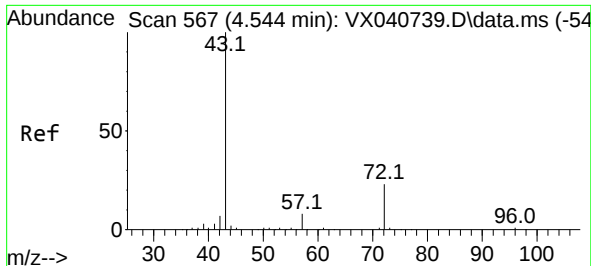
Tgt Ion: 43 Resp: 9162
Ion Ratio Lower Upper
43 100
58 28.4 21.9 32.9



#20
Methylene Chloride
Concen: 6.076 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040749.D
Acq: 21 Mar 2024 17:46

Tgt Ion: 84 Resp: 3483
Ion Ratio Lower Upper
84 100
49 120.6 103.6 155.4
51 38.5 33.8 50.6
86 58.4 49.4 74.0





#25

2-Butanone

Concen: 23.137 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX040749.D

Acq: 21 Mar 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

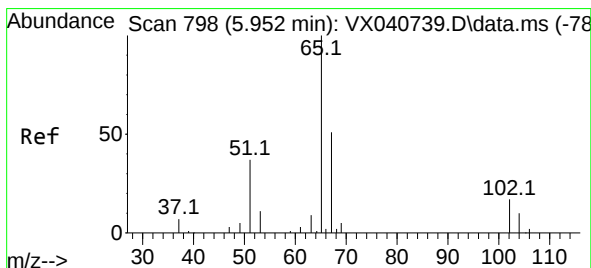
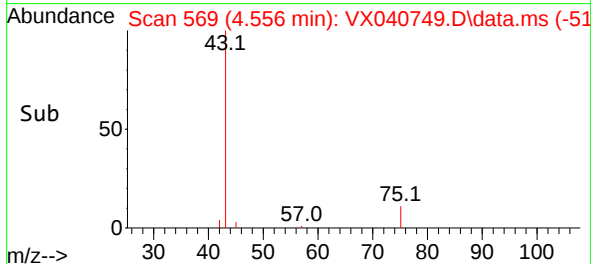
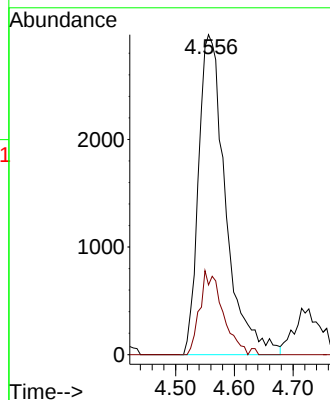
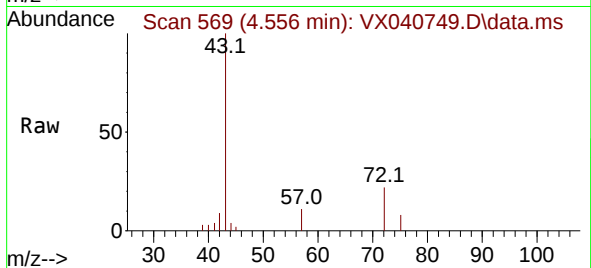
PB159677TB

Tgt Ion: 43 Resp: 9504

Ion Ratio Lower Upper

43 100

72 21.8 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 49.387 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040749.D

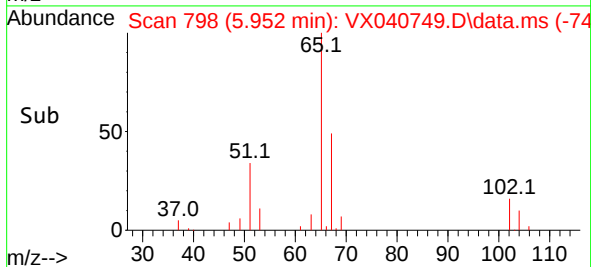
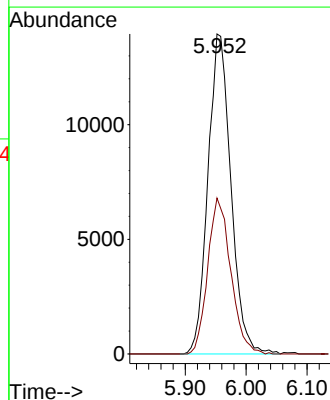
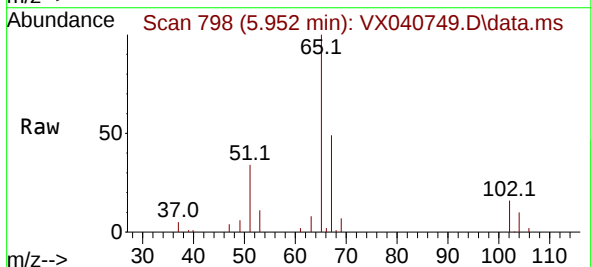
Acq: 21 Mar 2024 17:46

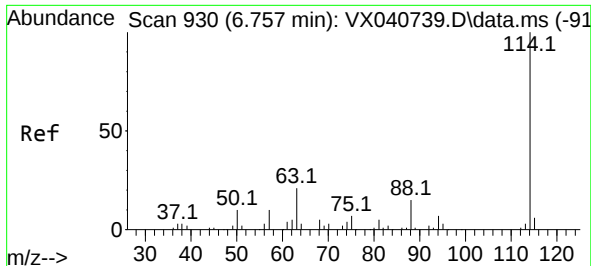
Tgt Ion: 65 Resp: 36566

Ion Ratio Lower Upper

65 100

67 48.9 0.0 100.2

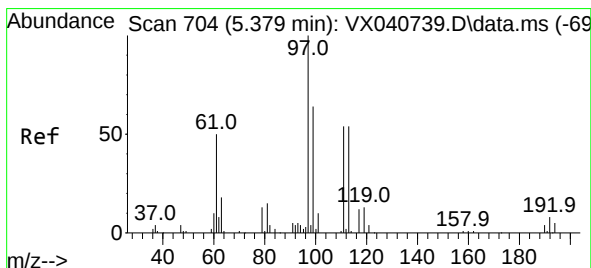
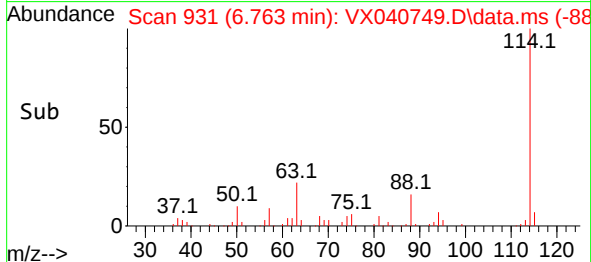
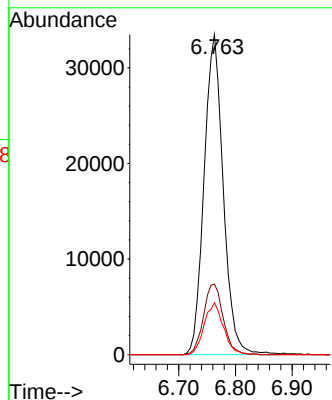
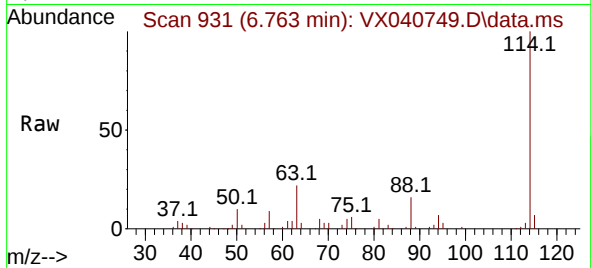




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040749.D
Acq: 21 Mar 2024 17:46

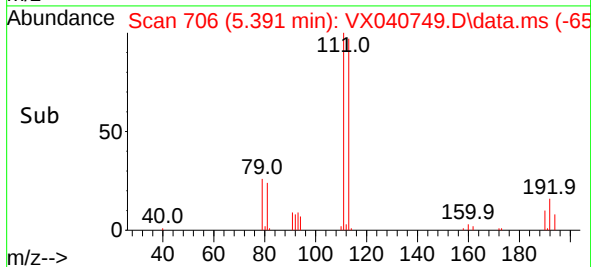
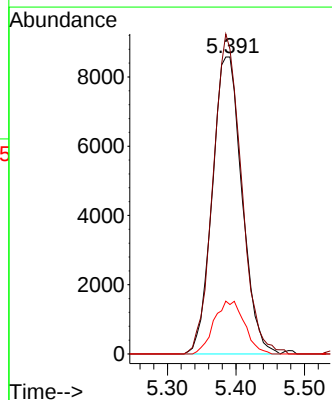
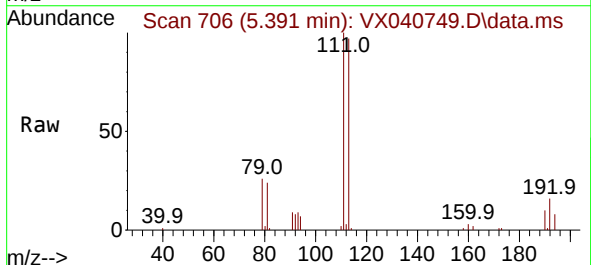
Instrument :
MSVOA_X
ClientSampleId :
PB159677TB

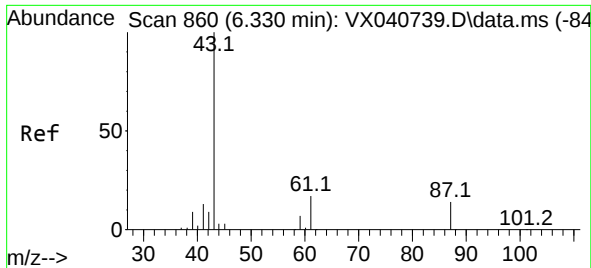
Tgt Ion:114 Resp: 78555
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.798 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX040749.D
Acq: 21 Mar 2024 17:46

Tgt Ion:113 Resp: 25744
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.3 13.3 19.9

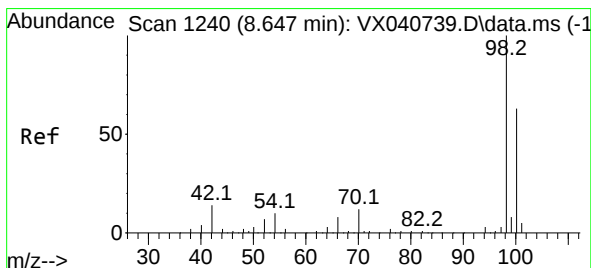
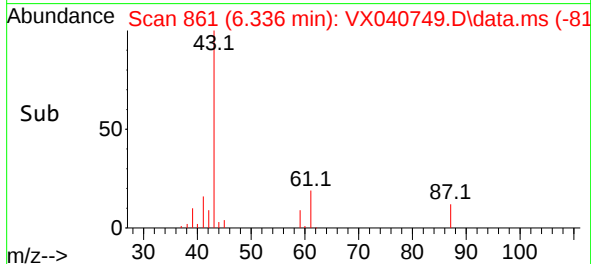
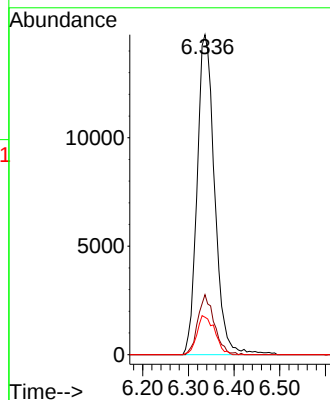
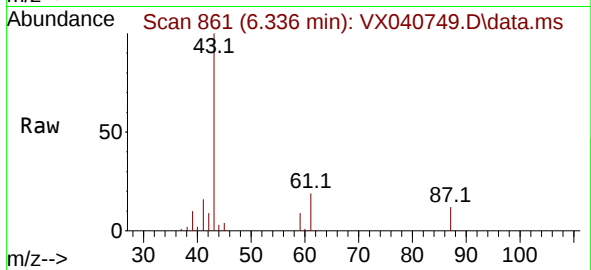




#43
Isopropyl Acetate
Concen: 25.360 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040749.D
Acq: 21 Mar 2024 17:46

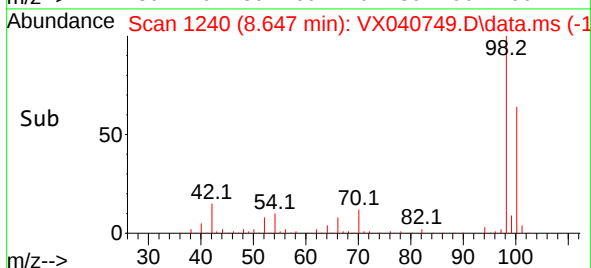
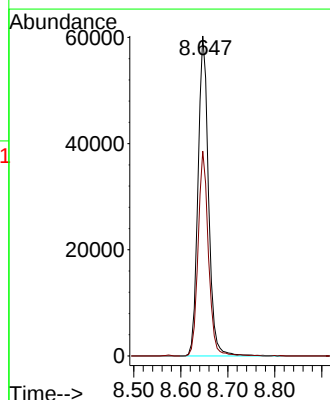
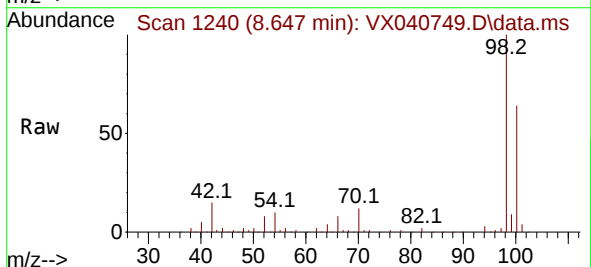
Instrument :
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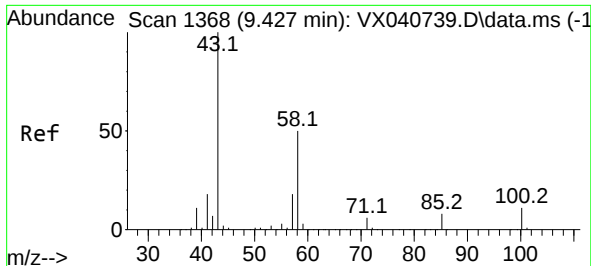
Tgt Ion: 43 Resp: 39137
Ion Ratio Lower Upper
43 100
61 17.6 15.2 22.8
87 12.4 9.8 14.6



#50
Toluene-d8
Concen: 46.795 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040749.D
Acq: 21 Mar 2024 17:46

Tgt Ion: 98 Resp: 94182
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7





#59

2-Hexanone

Concen: 6.379 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040749.D

Acq: 21 Mar 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

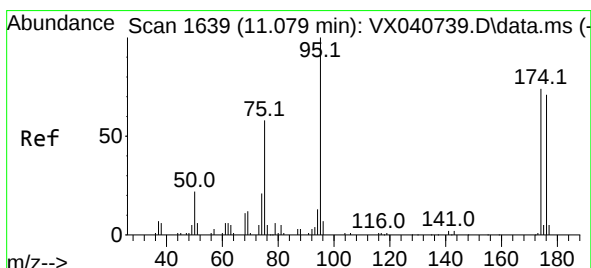
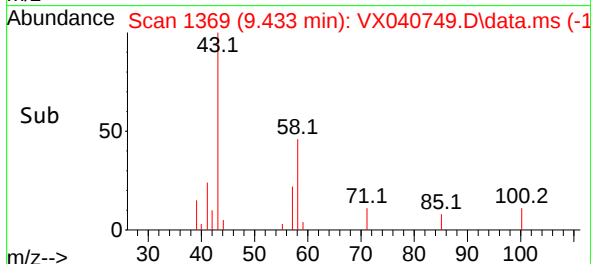
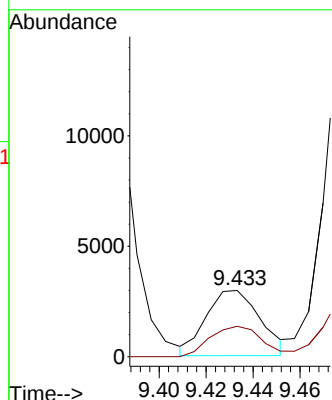
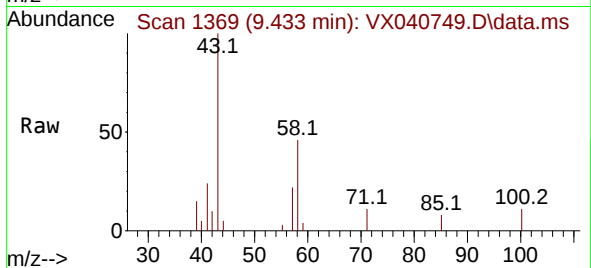
PB159677TB

Tgt Ion: 43 Resp: 4729

Ion Ratio Lower Upper

43 100

58 46.2 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 46.875 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX040749.D

Acq: 21 Mar 2024 17:46

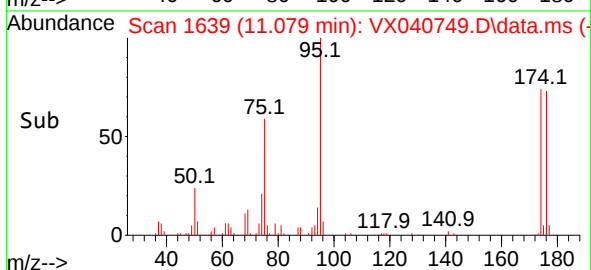
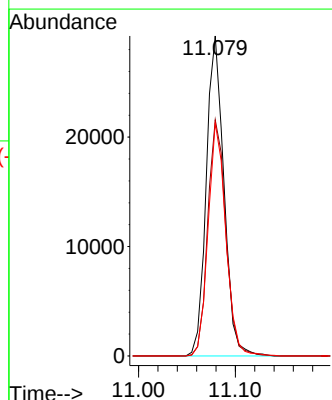
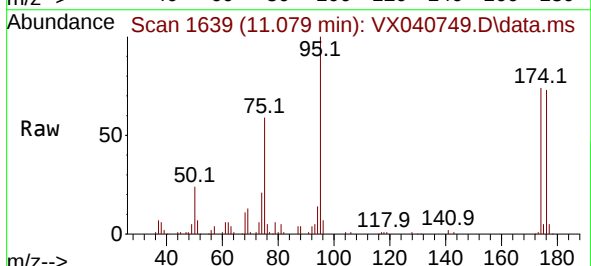
Tgt Ion: 95 Resp: 37274

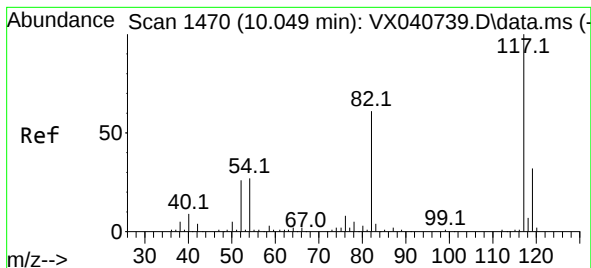
Ion Ratio Lower Upper

95 100

174 75.2 0.0 135.6

176 72.8 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: VX040749.D

Acq: 21 Mar 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

PB159677TB

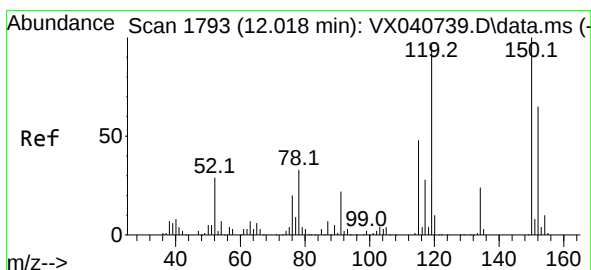
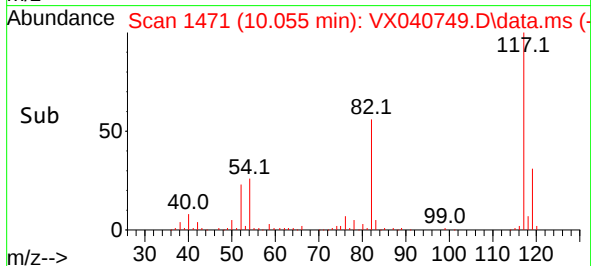
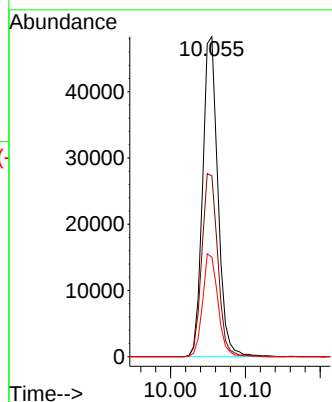
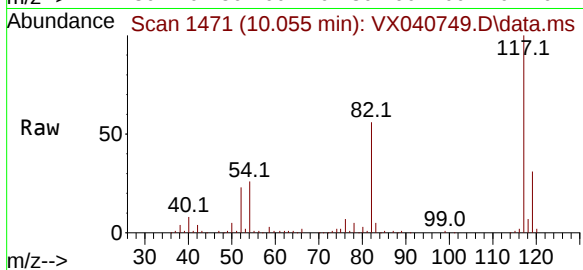
Tgt Ion:117 Resp: 68702

Ion Ratio Lower Upper

117 100

82 56.5 46.2 69.4

119 31.1 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: VX040749.D

Acq: 21 Mar 2024 17:46

Tgt Ion:152 Resp: 33924

Ion Ratio Lower Upper

152 100

115 61.4 43.3 129.9

150 156.2 0.0 345.0

