

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040756.D
 Acq On : 21 Mar 2024 20:26
 Operator : JC/MD
 Sample : PB159677ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159677ZHE#07

Quant Time: Mar 22 03:01:21 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)

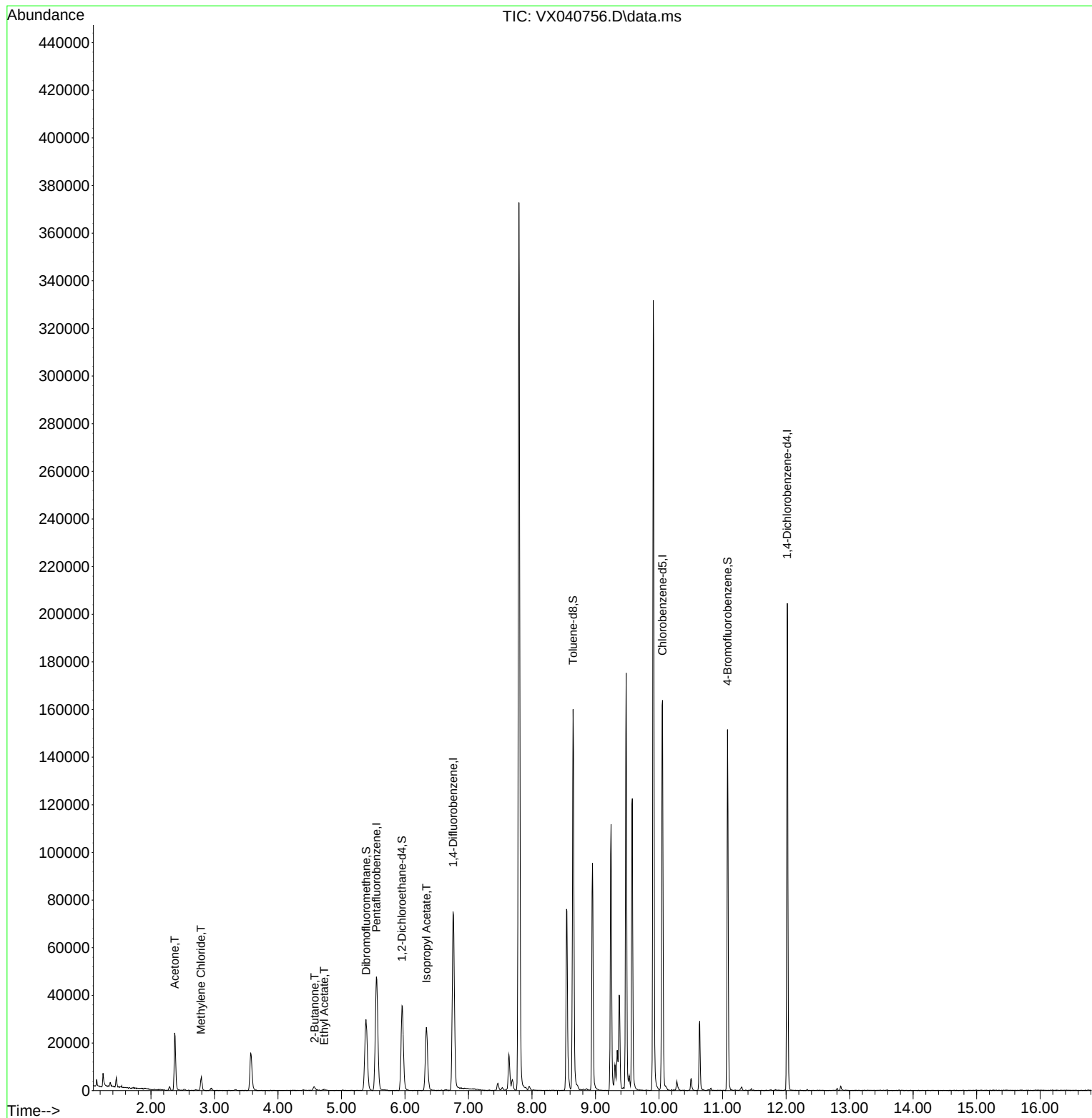
Internal Standards						
1) Pentafluorobenzene	5.550	168	41661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	73583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	70175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	37405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	34672	49.495	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.000%
35) Dibromofluoromethane	5.385	113	25010	45.424	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.840%
50) Toluene-d8	8.647	98	92657	49.148	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	37265	50.031	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.060%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	26552	107.011	ug/l	98
20) Methylene Chloride	2.788	84	2325	4.287	ug/l #	92
25) 2-Butanone	4.574	43	2927	7.531	ug/l	95
37) Ethyl Acetate	4.727	43	1188	1.291	ug/l #	80
43) Isopropyl Acetate	6.336	43	37133	25.688	ug/l	98

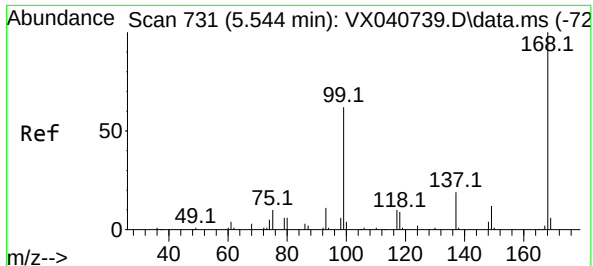
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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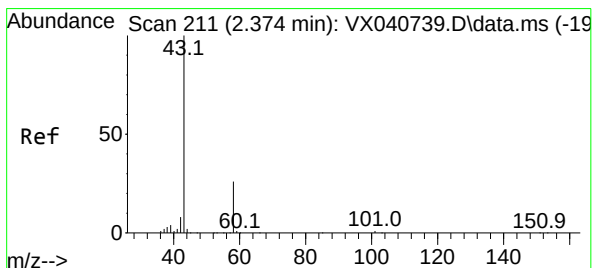
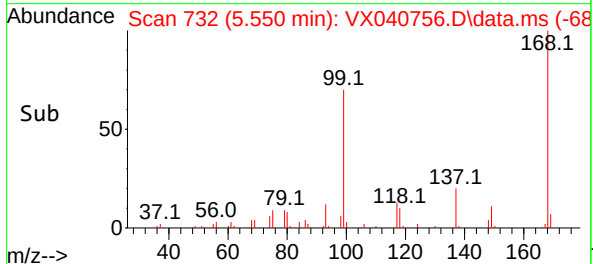
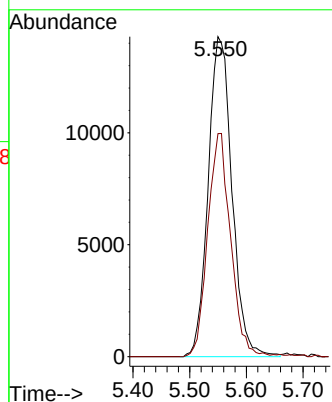
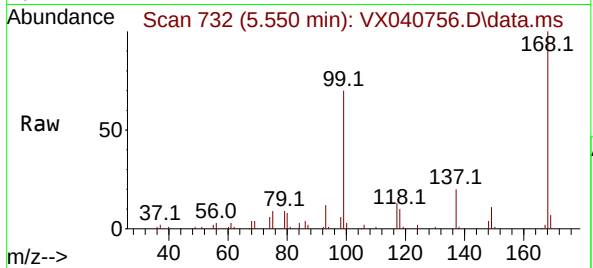




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX040756.D
Acq: 21 Mar 2024 20:26

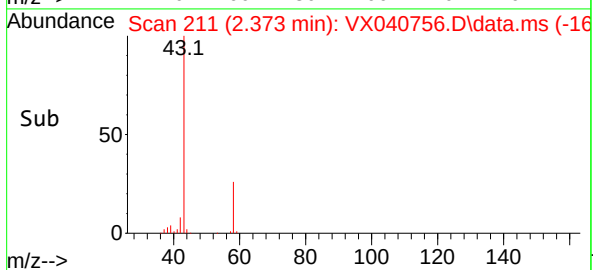
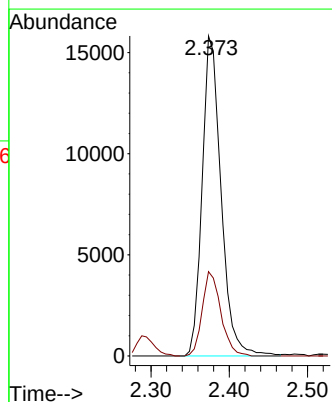
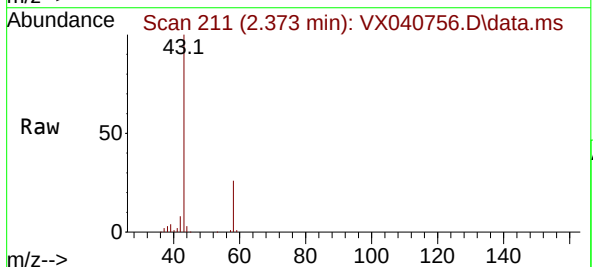
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#07

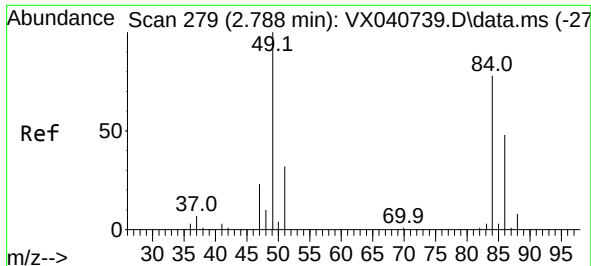
Tgt Ion:168 Resp: 41661
Ion Ratio Lower Upper
168 100
99 69.7 56.6 85.0



#16
Acetone
Concen: 107.011 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX040756.D
Acq: 21 Mar 2024 20:26

Tgt Ion: 43 Resp: 26552
Ion Ratio Lower Upper
43 100
58 26.4 21.9 32.9

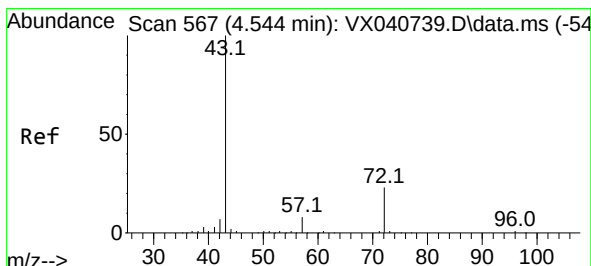
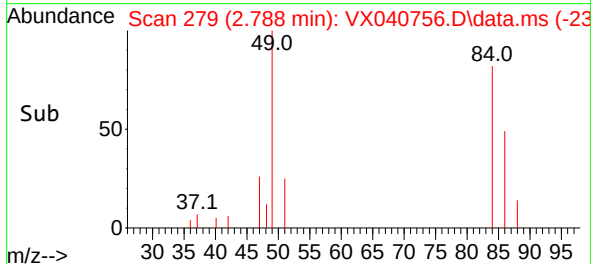
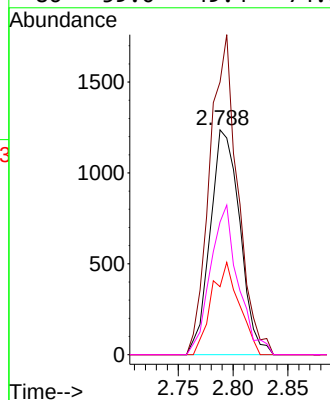
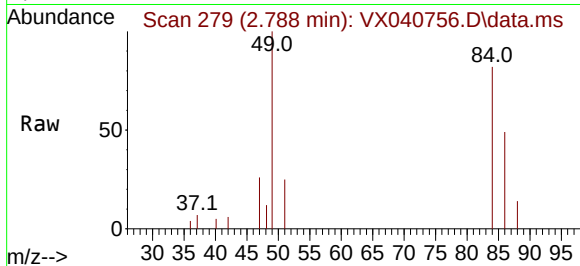




#20
Methylene Chloride
Concen: 4.287 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040756.D
Acq: 21 Mar 2024 20:26

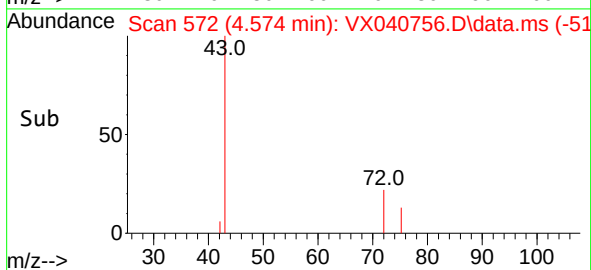
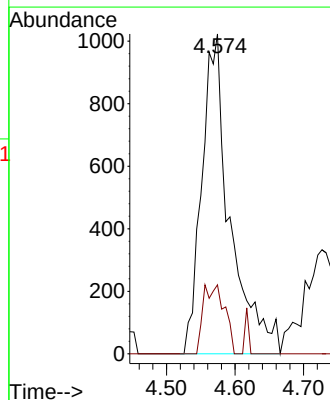
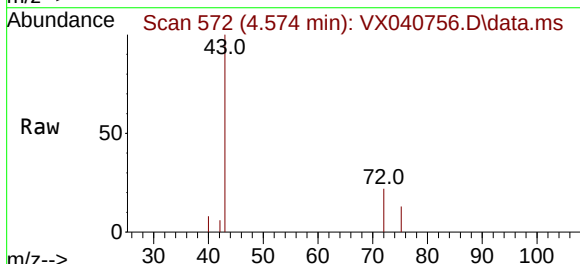
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#07

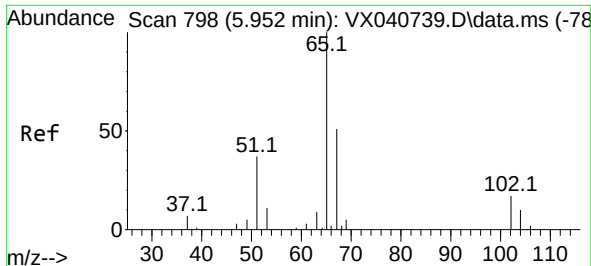
Tgt Ion:	84	Resp:	2325
Ion	Ratio	Lower	Upper
84	100		
49	121.3	103.6	155.4
51	30.2	33.8	50.6#
86	59.0	49.4	74.0



#25
2-Butanone
Concen: 7.531 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.030 min
Lab File: VX040756.D
Acq: 21 Mar 2024 20:26

Tgt Ion:	43	Resp:	2927
Ion	Ratio	Lower	Upper
43	100		
72	21.6	19.4	29.2

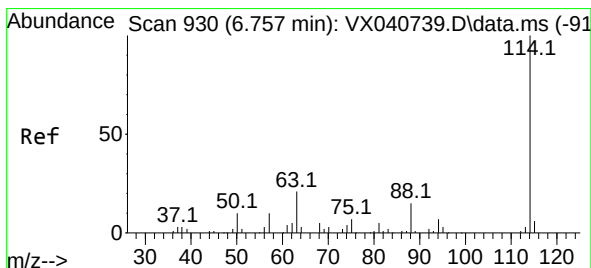
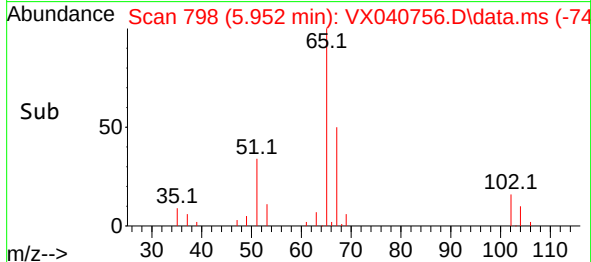
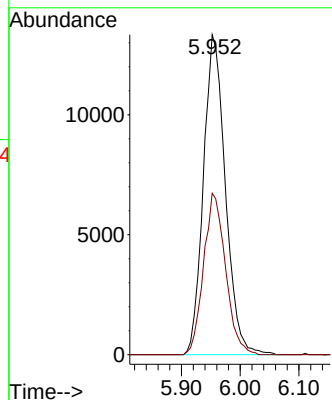
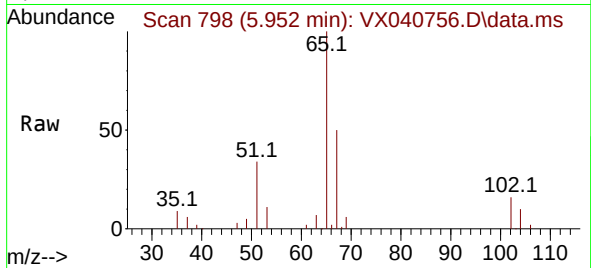




#33
 1,2-Dichloroethane-d4
 Concen: 49.495 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX040756.D
 Acq: 21 Mar 2024 20:26

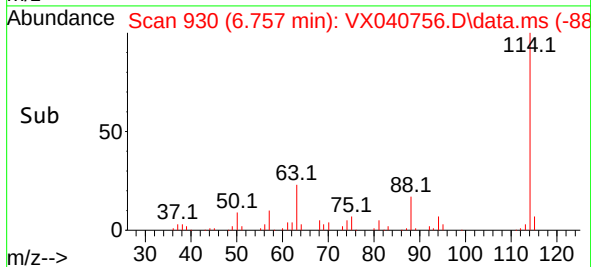
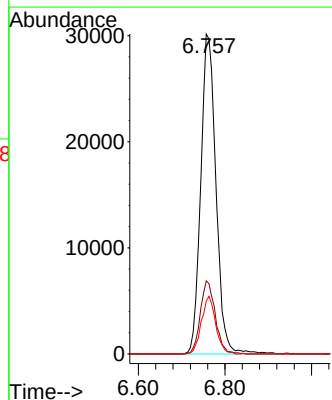
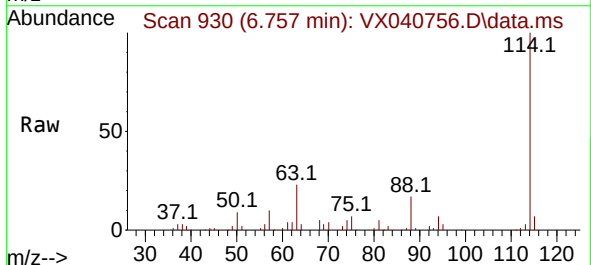
Instrument :
 MSVOA_X
 ClientSampleId :
 PB159677ZHE#07

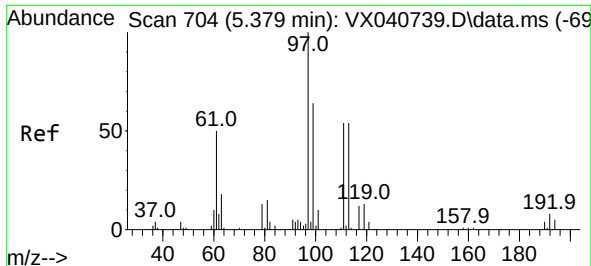
Tgt Ion: 65 Resp: 34672
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX040756.D
 Acq: 21 Mar 2024 20:26

Tgt Ion: 114 Resp: 73583
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.0
 88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.424 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX040756.D

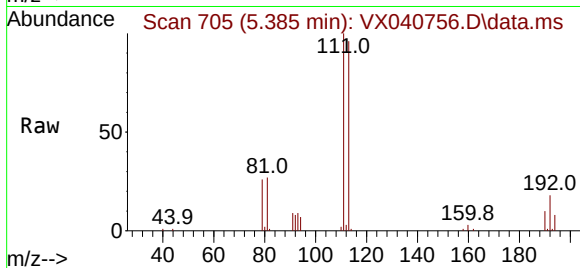
Acq: 21 Mar 2024 20:26

Instrument :

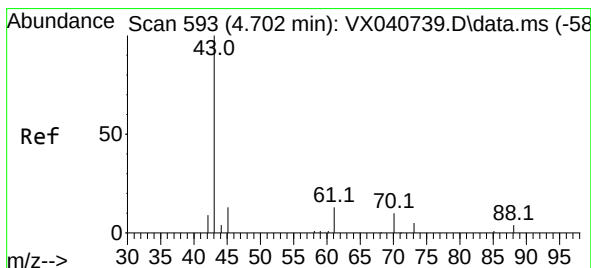
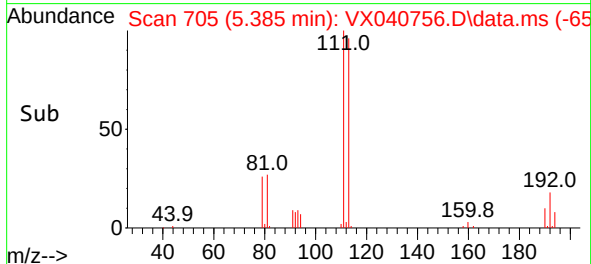
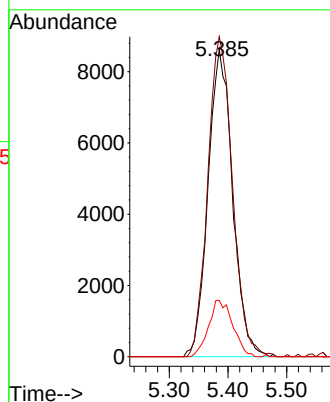
MSVOA_X

ClientSampleId :

PB159677ZHE#07



Tgt Ion:	113	Resp:	25010
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.9	124.3
192	18.1	13.3	19.9



#37

Ethyl Acetate

Concen: 1.291 ug/l

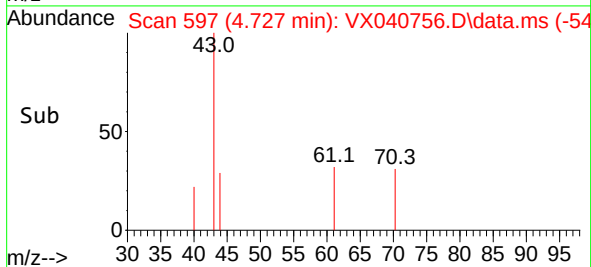
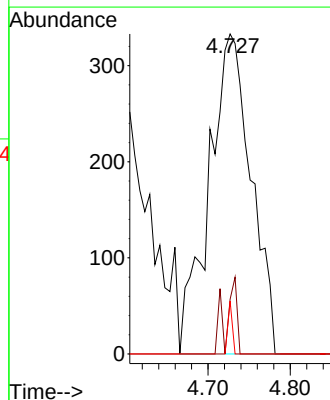
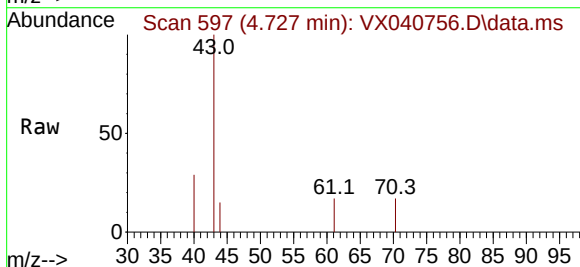
RT: 4.727 min Scan# 597

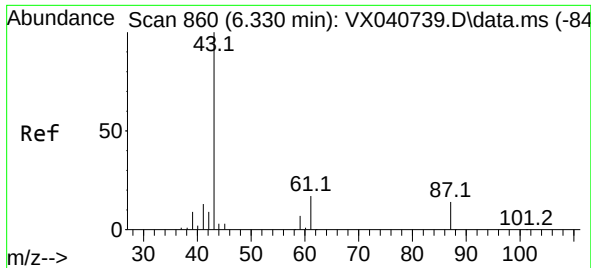
Delta R.T. 0.024 min

Lab File: VX040756.D

Acq: 21 Mar 2024 20:26

Tgt Ion:	43	Resp:	1188
Ion	Ratio	Lower	Upper
43	100		
61	6.3	10.6	16.0#
70	1.7	8.3	12.5#

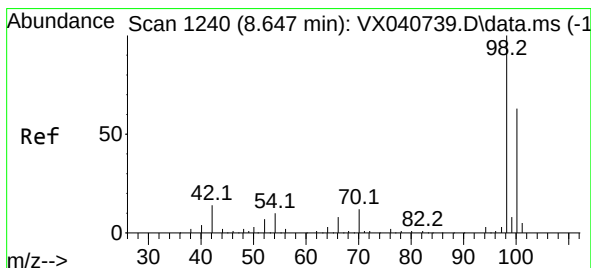
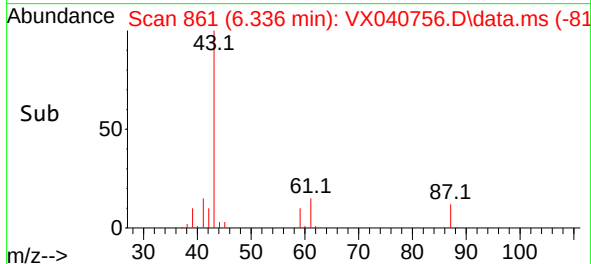
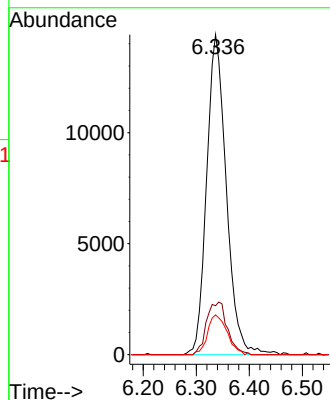
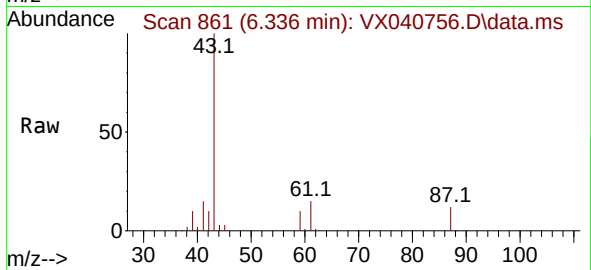




#43
Isopropyl Acetate
Concen: 25.688 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040756.D
Acq: 21 Mar 2024 20:26

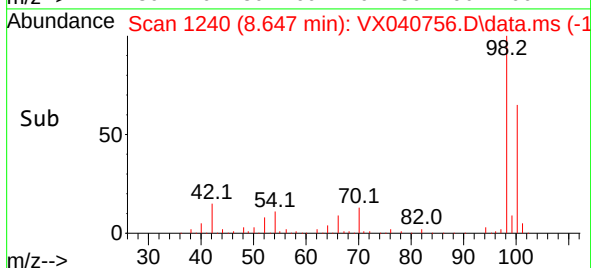
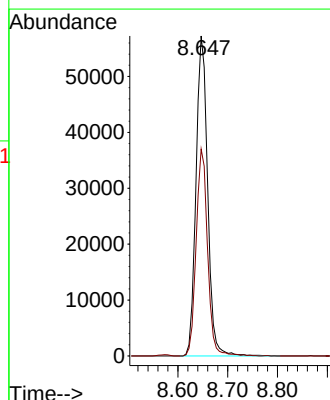
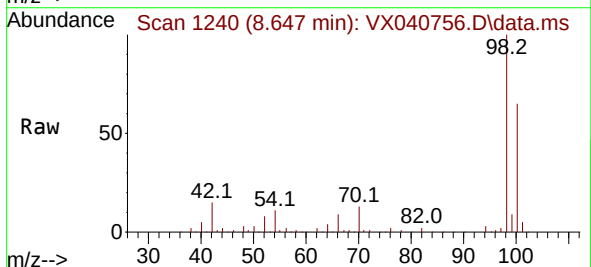
Instrument :
MSVOA_X
ClientSampleId :
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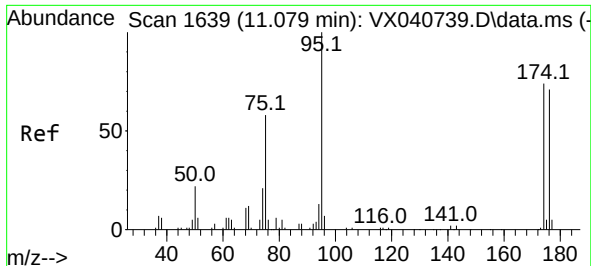
Tgt Ion: 43 Resp: 37133
Ion Ratio Lower Upper
43 100
61 17.4 15.2 22.8
87 12.4 9.8 14.6



#50
Toluene-d8
Concen: 49.148 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040756.D
Acq: 21 Mar 2024 20:26

Tgt Ion: 98 Resp: 92657
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.031 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040756.D

Acq: 21 Mar 2024 20:26

Instrument :

MSVOA_X

ClientSampleId :

PB159677ZHE#07

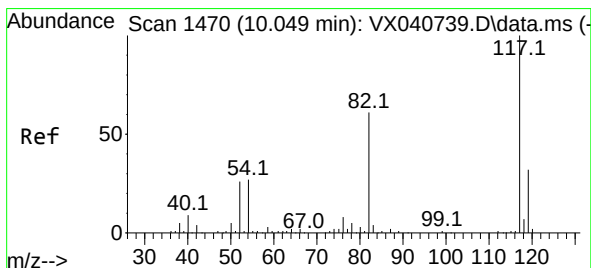
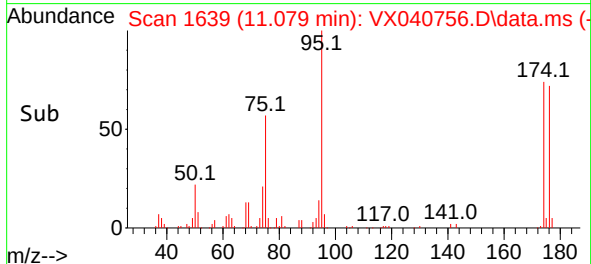
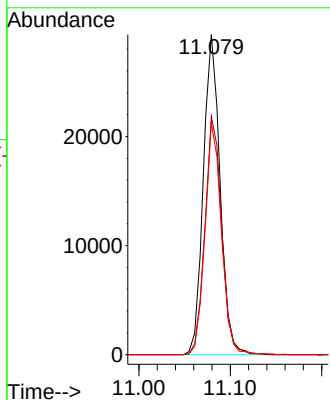
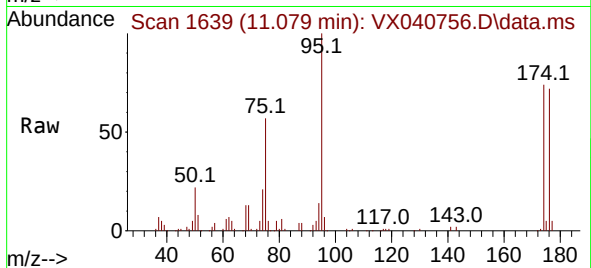
Tgt Ion: 95 Resp: 37265

Ion Ratio Lower Upper

95 100

174 74.4 0.0 135.6

176 71.3 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX040756.D

Acq: 21 Mar 2024 20:26

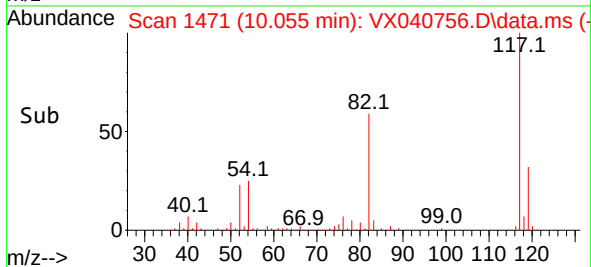
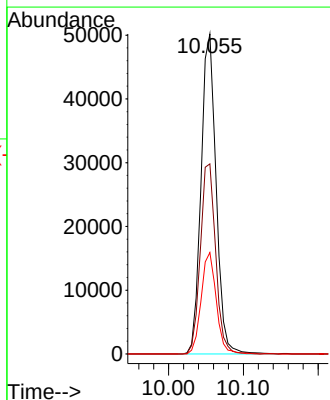
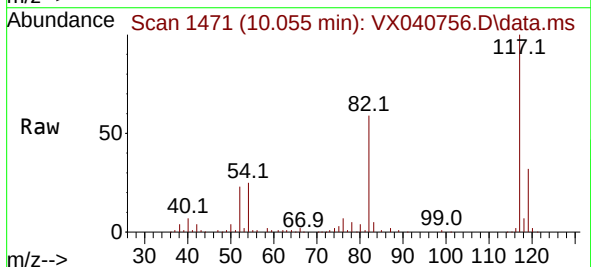
Tgt Ion: 117 Resp: 70175

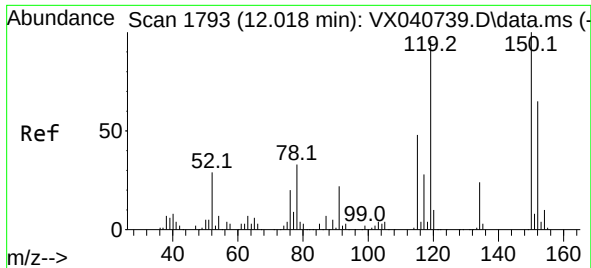
Ion Ratio Lower Upper

117 100

82 59.4 46.2 69.4

119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040756.D

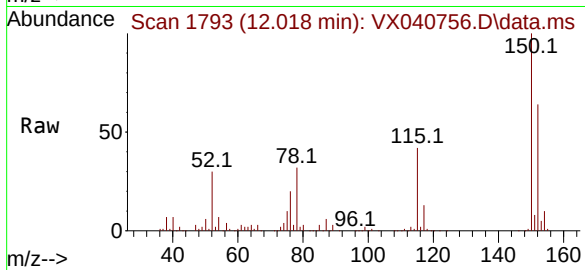
Acq: 21 Mar 2024 20:26

Instrument :

MSVOA_X

ClientSampleId :

PB159677ZHE#07



Tgt Ion:152 Resp: 37405

Ion Ratio Lower Upper

152 100

115 64.7 43.3 129.9

150 160.7 0.0 345.0

