

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040508.D
 Acq On : 28 Feb 2024 13:45
 Operator : JC/MD
 Sample : P1614-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-SP303-A-20240227

Quant Time: Feb 29 03:49:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

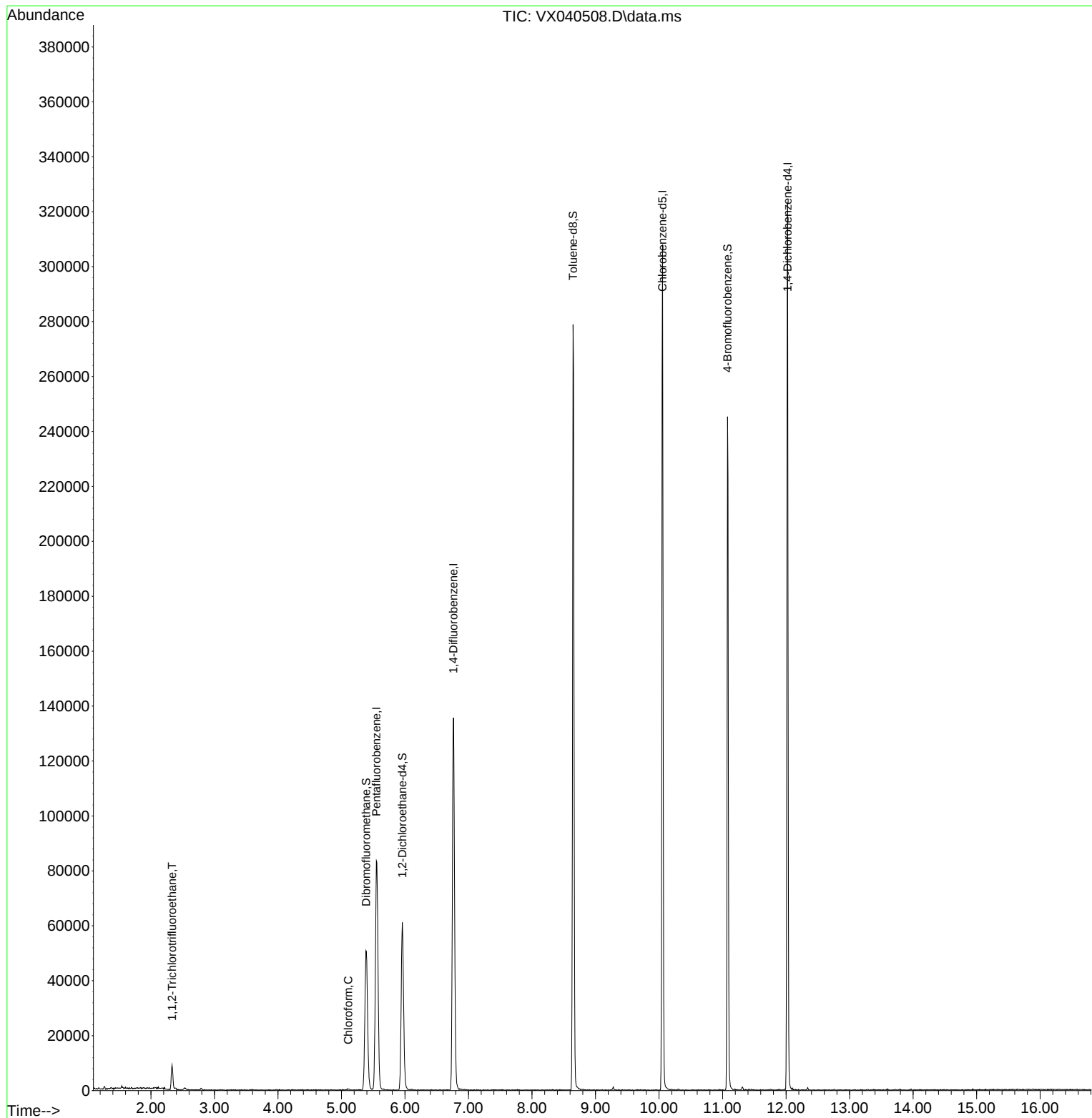
Internal Standards						
1) Pentafluorobenzene	5.550	168	72948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	130900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61088	50.068	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.140%	
35) Dibromofluoromethane	5.385	113	44474	48.858	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.720%	
50) Toluene-d8	8.647	98	159568	48.293	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.580%	
62) 4-Bromofluorobenzene	11.079	95	62473	49.601	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.200%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	3566	4.308	ug/l	94
30) Chloroform	5.105	83	511	0.283	ug/l	88

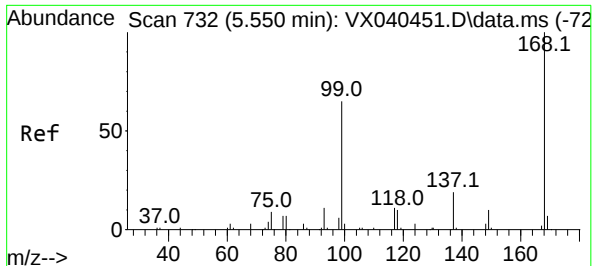
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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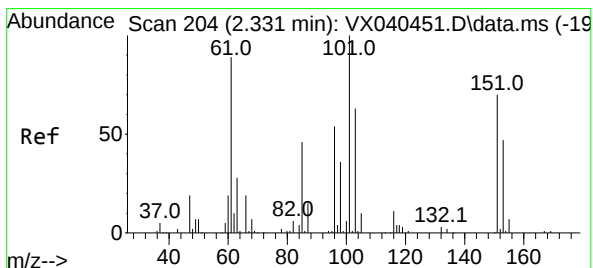
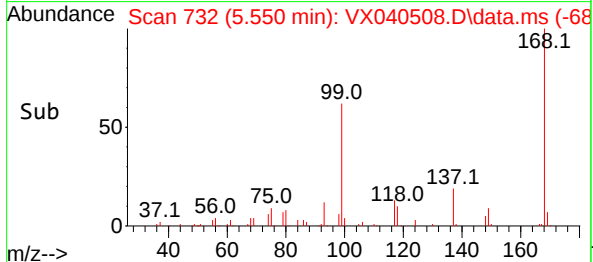
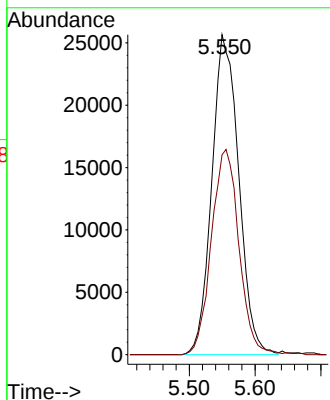
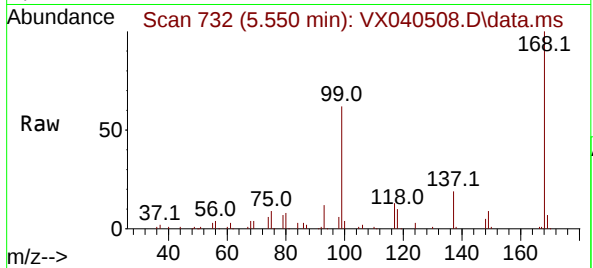




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040508.D
Acq: 28 Feb 2024 13:45

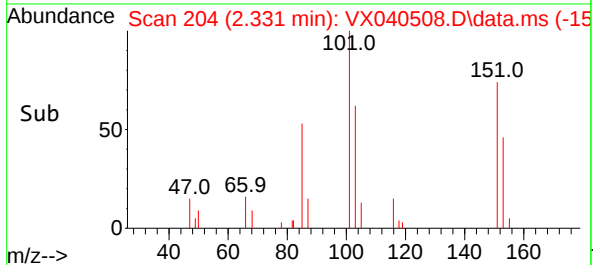
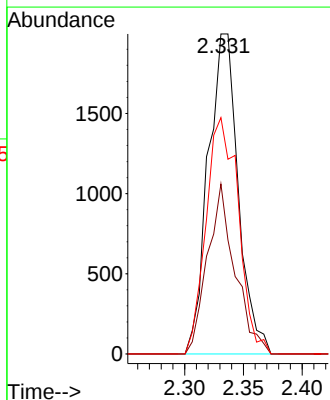
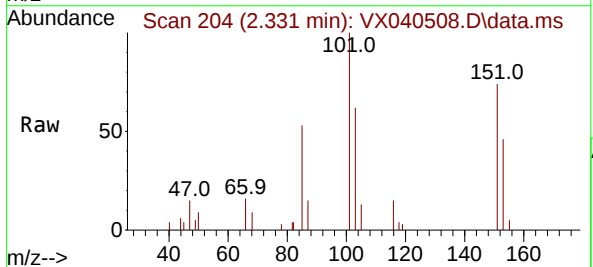
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-A-20240227

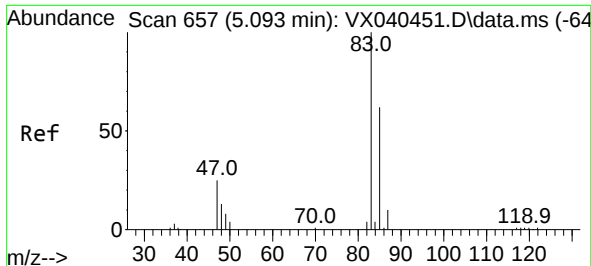
Tgt Ion:168 Resp: 72948
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.308 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040508.D
Acq: 28 Feb 2024 13:45

Tgt Ion:101 Resp: 3566
Ion Ratio Lower Upper
101 100
85 48.5 37.0 55.6
151 79.1 58.6 87.8





#30

Chloroform

Concen: 0.283 ug/l

RT: 5.105 min Scan# 6

Delta R.T. 0.012 min

Lab File: VX040508.D

Acq: 28 Feb 2024 13:45

Instrument :

MSVOA_X

ClientSampleId :

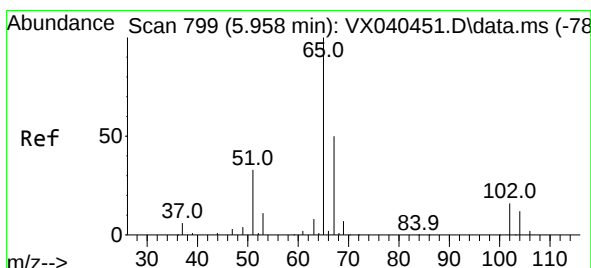
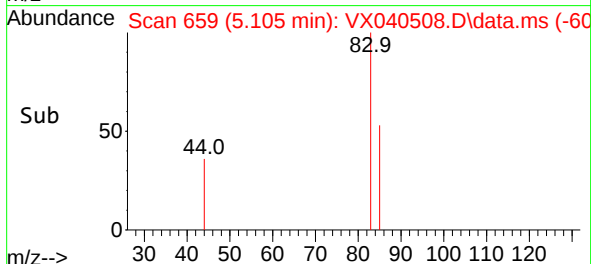
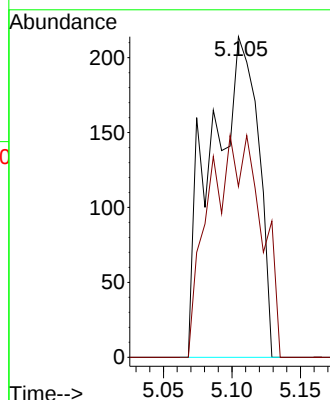
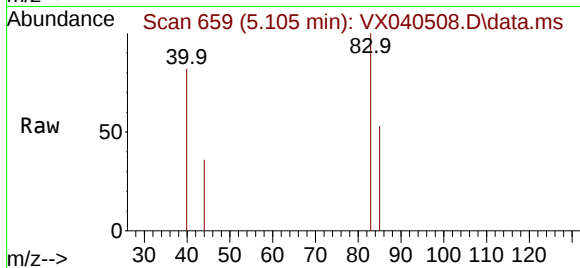
RE137-SP303-A-20240227

Tgt Ion: 83 Resp: 511

Ion Ratio Lower Upper

83 100

85 53.3 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 50.068 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040508.D

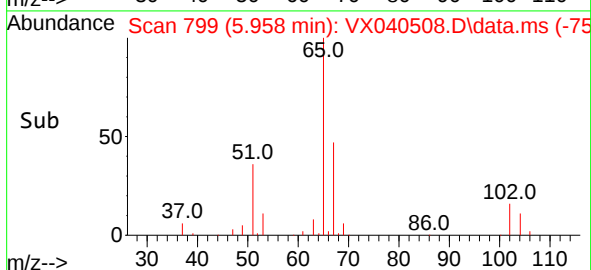
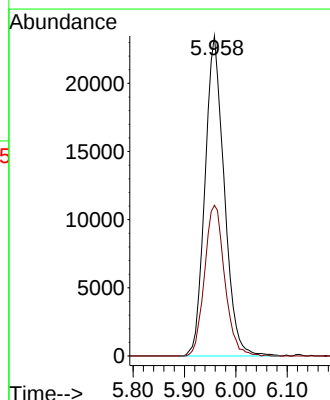
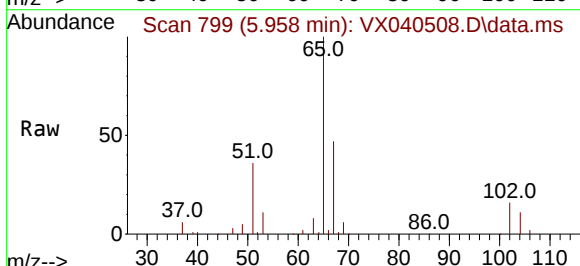
Acq: 28 Feb 2024 13:45

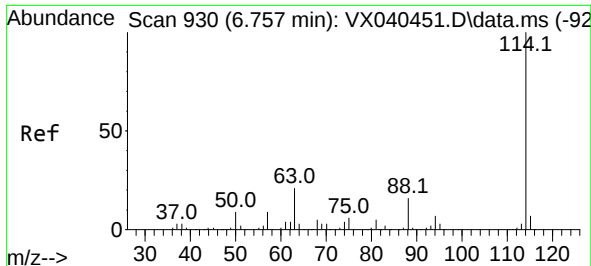
Tgt Ion: 65 Resp: 61088

Ion Ratio Lower Upper

65 100

67 49.3 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: VX040508.D

Acq: 28 Feb 2024 13:45

Instrument :

MSVOA_X

ClientSampleId :

RE137-SP303-A-20240227

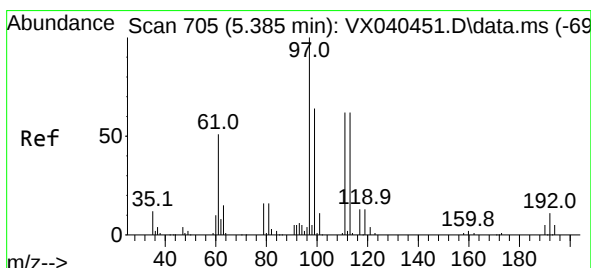
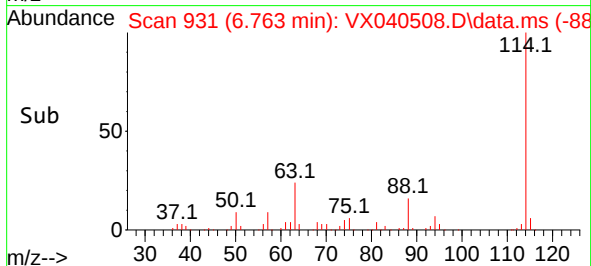
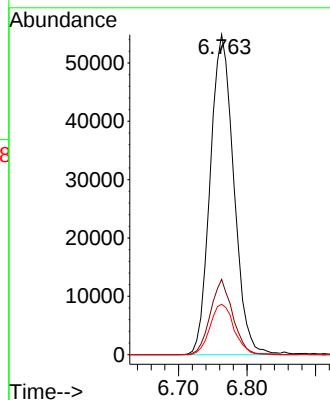
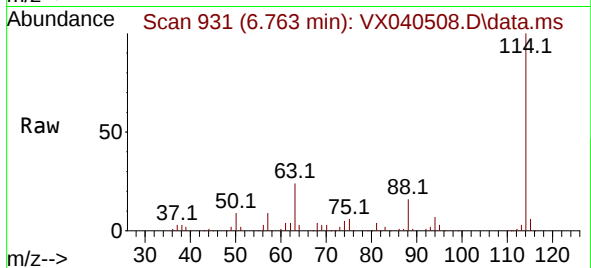
Tgt Ion:114 Resp: 130900

Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

88 15.8 0.0 36.6



#35

Dibromofluoromethane

Concen: 48.858 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040508.D

Acq: 28 Feb 2024 13:45

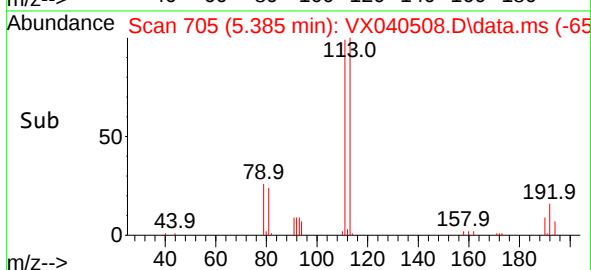
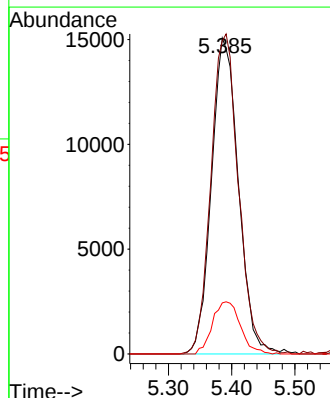
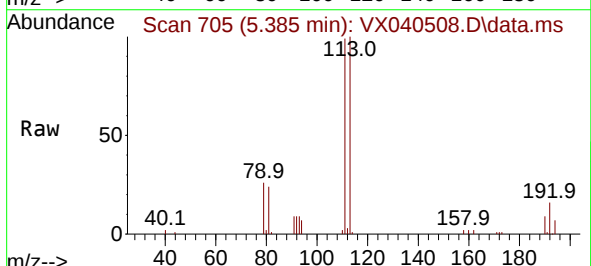
Tgt Ion:113 Resp: 44474

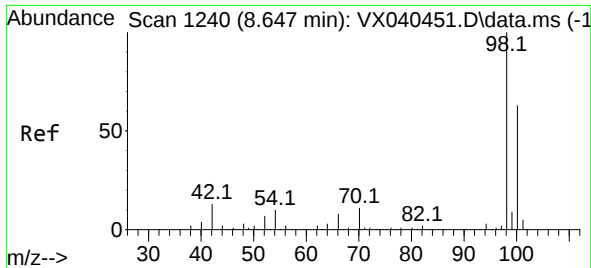
Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 17.2 13.3 19.9

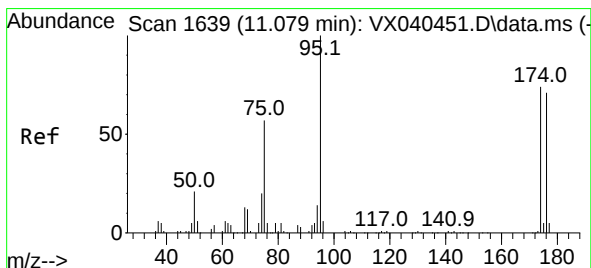
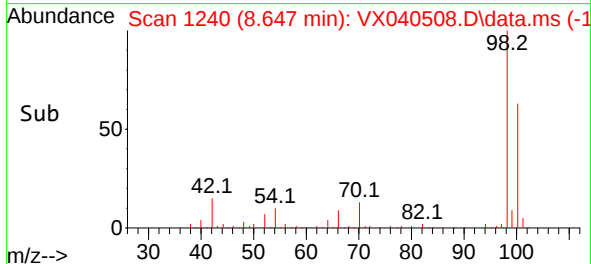
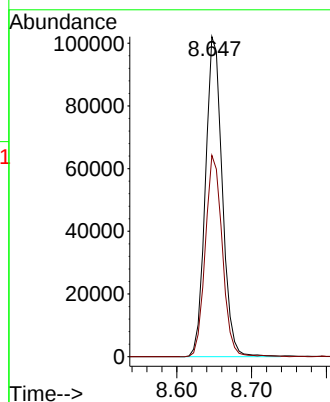
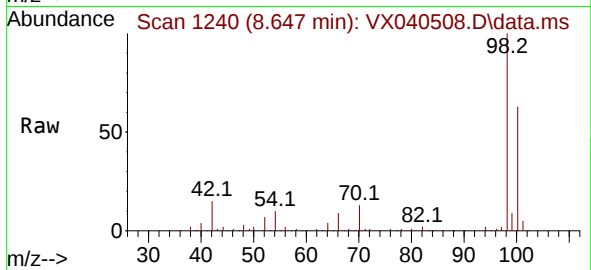




#50
Toluene-d8
Concen: 48.293 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040508.D
Acq: 28 Feb 2024 13:45

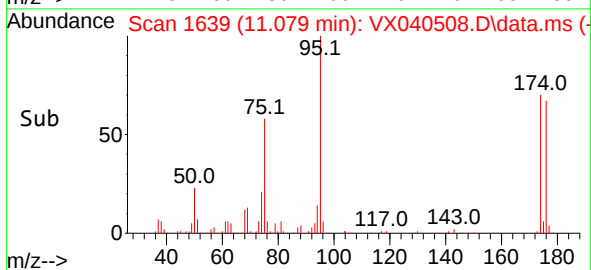
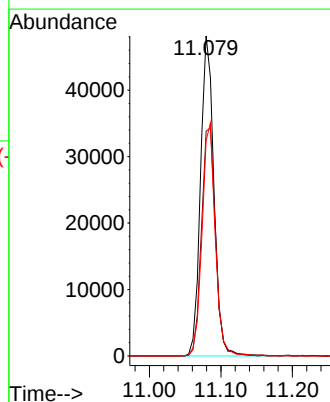
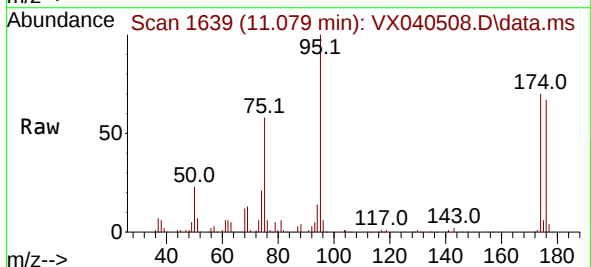
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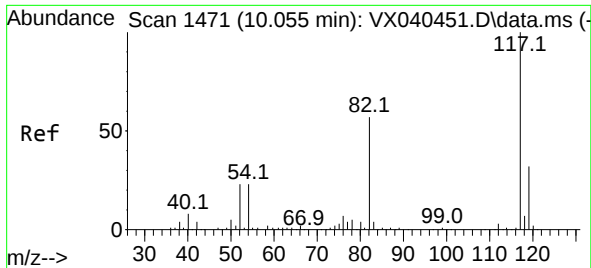
Tgt Ion: 98 Resp: 159568
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.601 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040508.D
Acq: 28 Feb 2024 13:45

Tgt Ion: 95 Resp: 62473
Ion Ratio Lower Upper
95 100
174 75.1 0.0 135.6
176 72.1 0.0 131.0

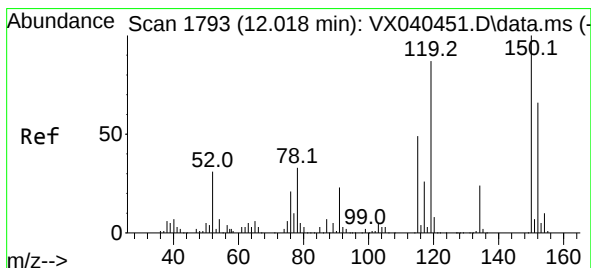
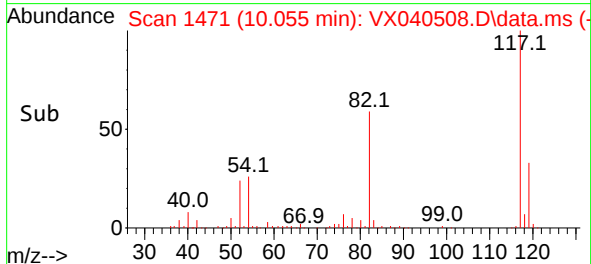
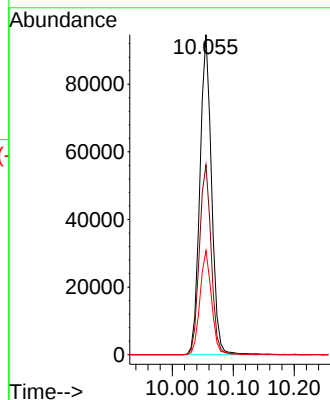
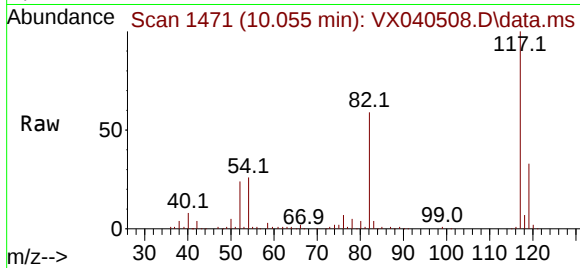




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040508.D
Acq: 28 Feb 2024 13:45

Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-A-20240227

Tgt Ion:	117	Resp:	126097
Ion Ratio	Lower	Upper	
117	100		
82	59.3	46.2	69.4
119	32.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040508.D
Acq: 28 Feb 2024 13:45

Tgt Ion:	152	Resp:	61991
Ion Ratio	Lower	Upper	
152	100		
115	63.8	43.3	129.9
150	160.1	0.0	345.0

