

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040506.D
 Acq On : 28 Feb 2024 12:58
 Operator : JC/MD
 Sample : P1614-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-SP302-A-20240227

Quant Time: Feb 29 03:48:25 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)

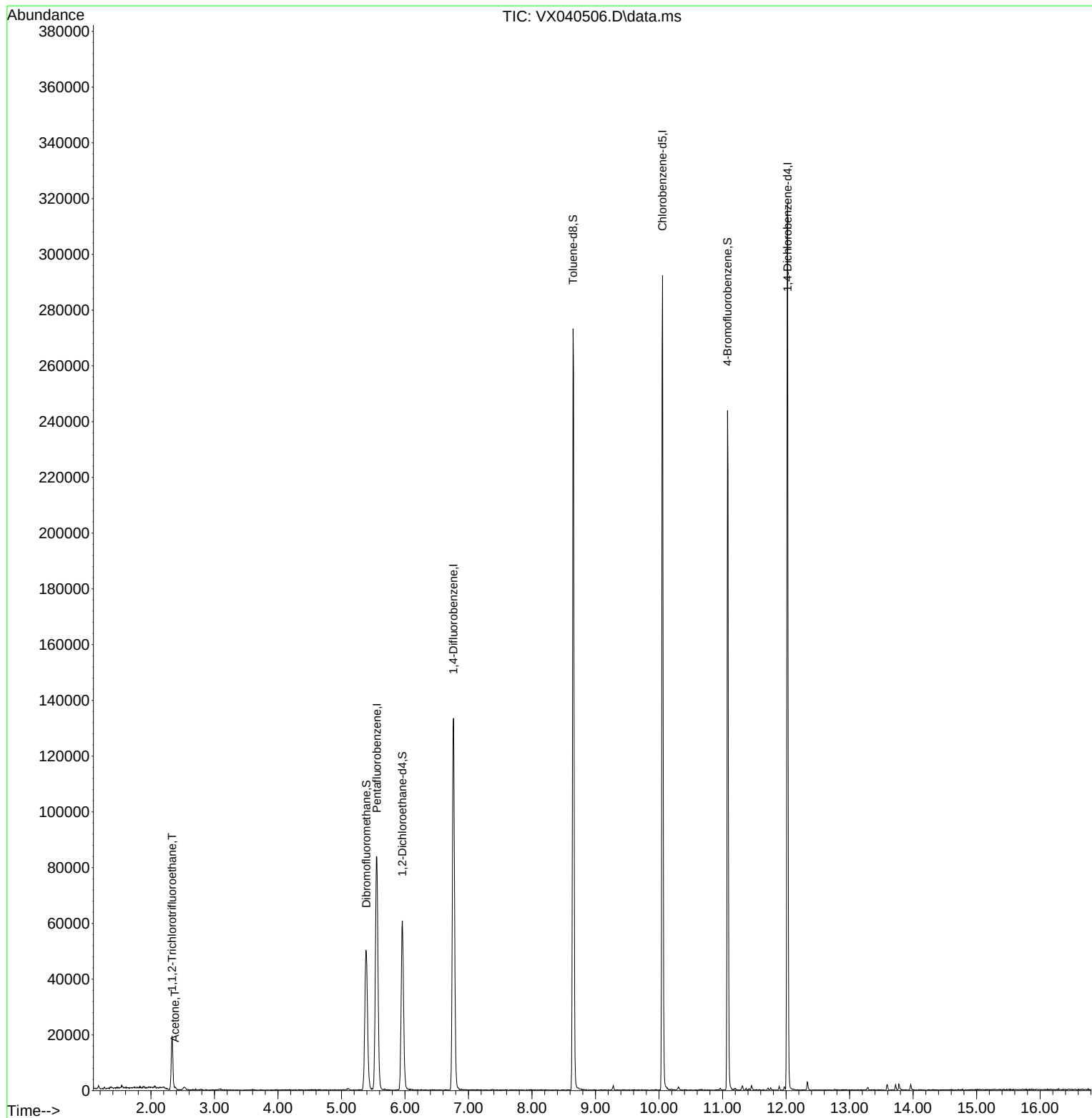
Internal Standards						
1) Pentafluorobenzene	5.555	168	73631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60666	49.261	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.520%
35) Dibromofluoromethane	5.391	113	43665	48.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.980%
50) Toluene-d8	8.646	98	158137	48.375	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.760%
62) 4-Bromofluorobenzene	11.079	95	61262	49.163	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.320%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.330	101	7047	8.434	ug/l	91
16) Acetone	2.379	43	892	2.221	ug/l #	88

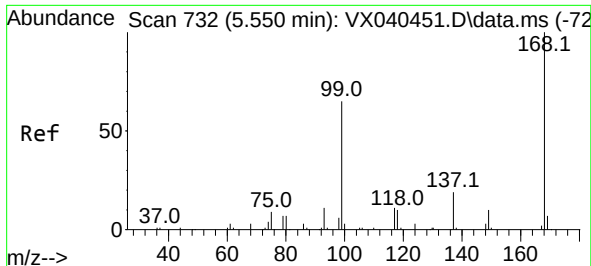
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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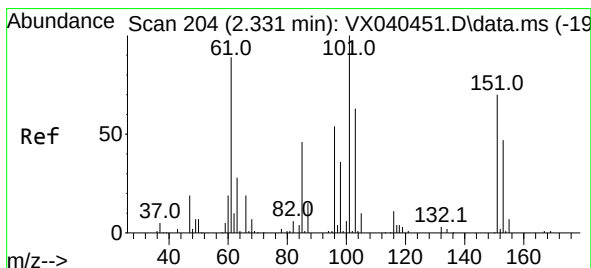
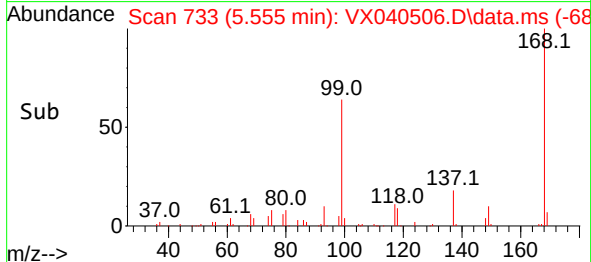
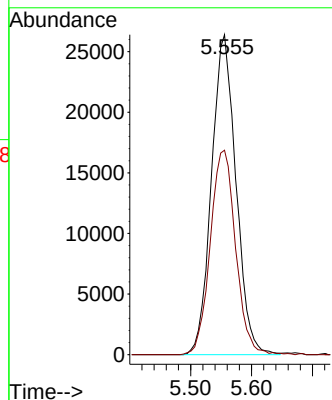
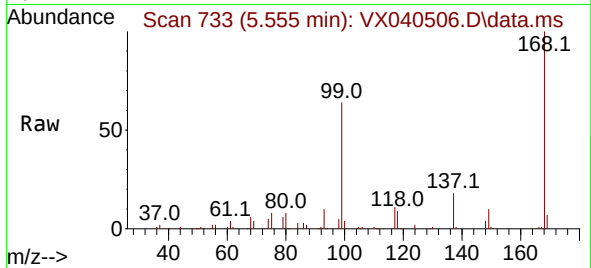




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX040506.D
Acq: 28 Feb 2024 12:58

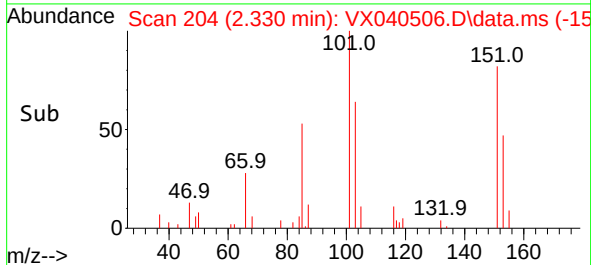
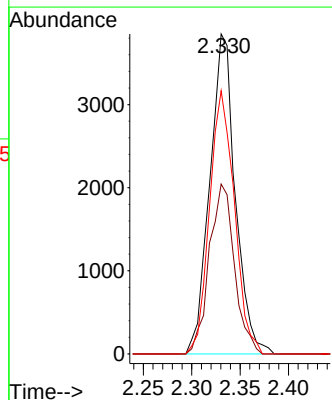
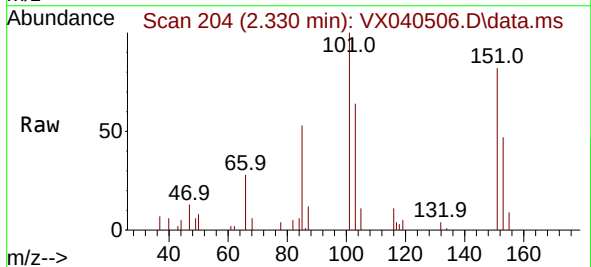
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-A-20240227

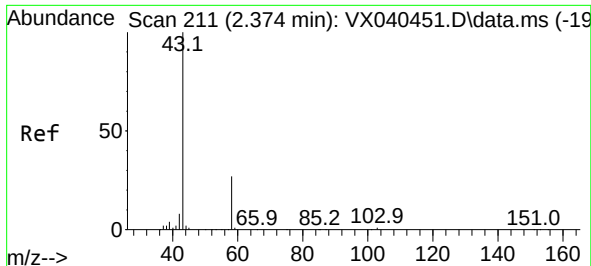
Tgt Ion:168 Resp: 73631
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.434 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040506.D
Acq: 28 Feb 2024 12:58

Tgt Ion:101 Resp: 7047
Ion Ratio Lower Upper
101 100
85 52.4 37.0 55.6
151 80.2 58.6 87.8

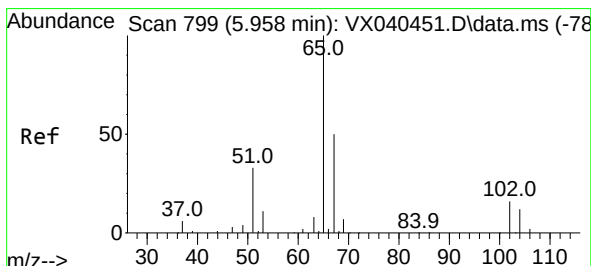
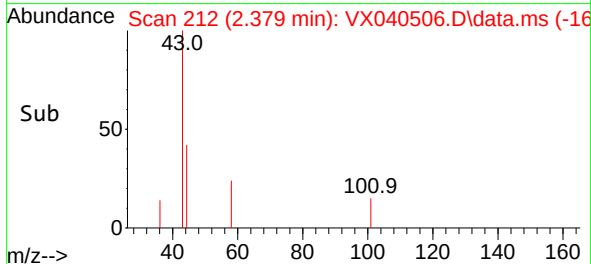
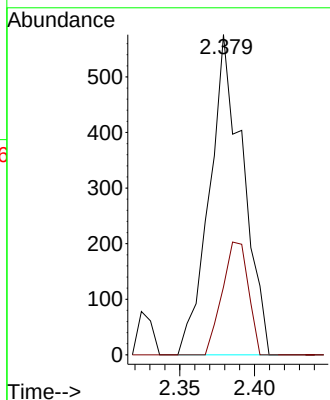
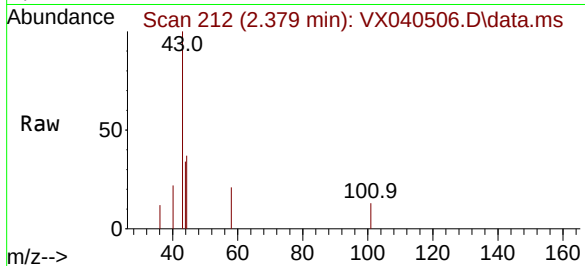




#16
Acetone
Concen: 2.221 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040506.D
Acq: 28 Feb 2024 12:58

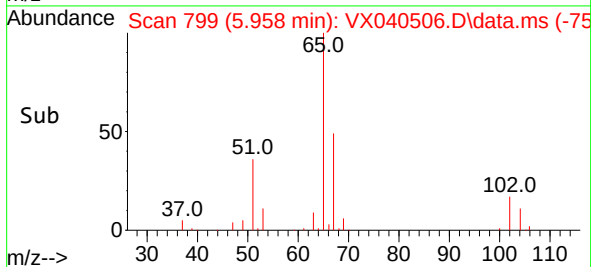
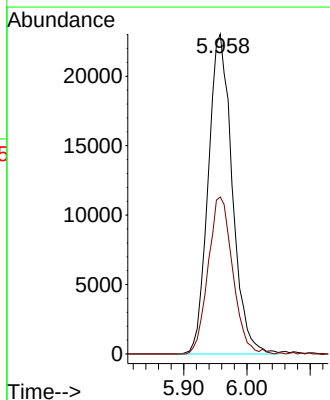
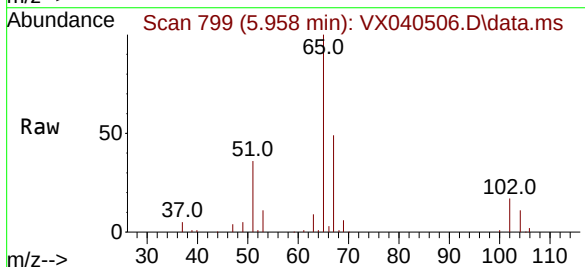
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-A-20240227

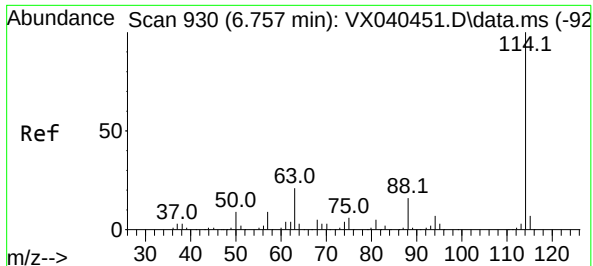
Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
58 21.2 21.9 32.9#



#33
1,2-Dichloroethane-d4
Concen: 49.261 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040506.D
Acq: 28 Feb 2024 12:58

Tgt Ion: 65 Resp: 60666
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2

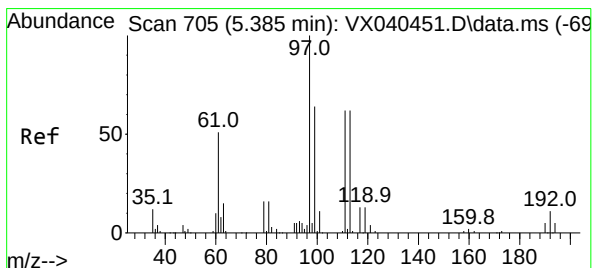
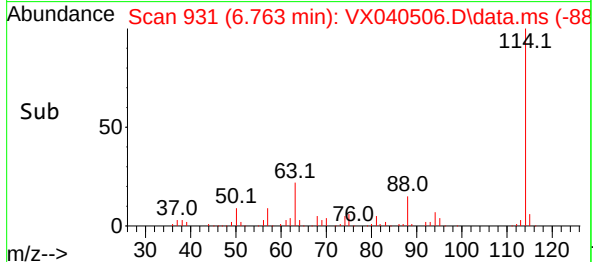
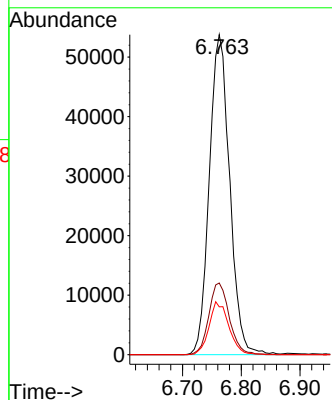
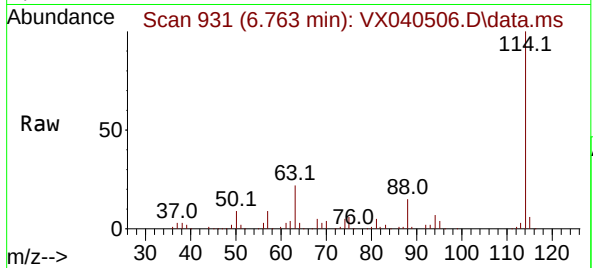




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040506.D
Acq: 28 Feb 2024 12:58

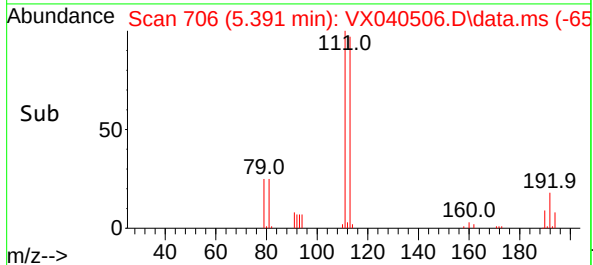
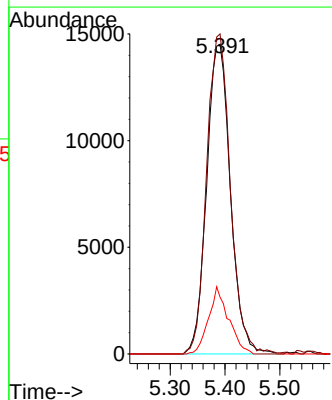
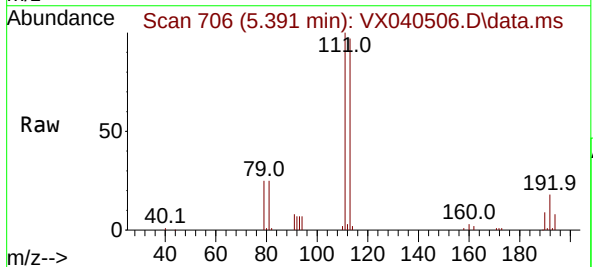
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-A-20240227

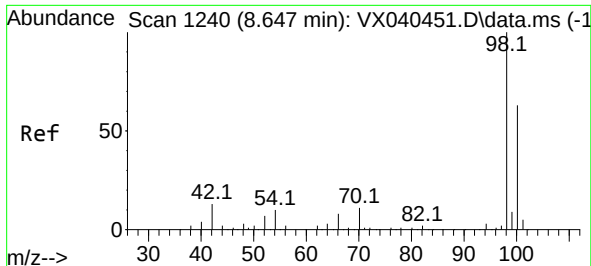
Tgt Ion:114 Resp: 129506
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.486 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040506.D
Acq: 28 Feb 2024 12:58

Tgt Ion:113 Resp: 43665
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.3 13.3 19.9

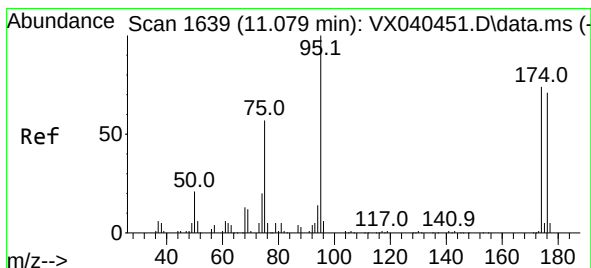
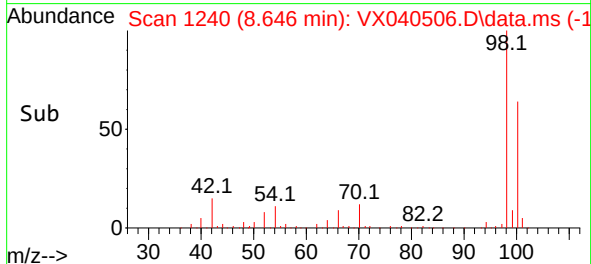
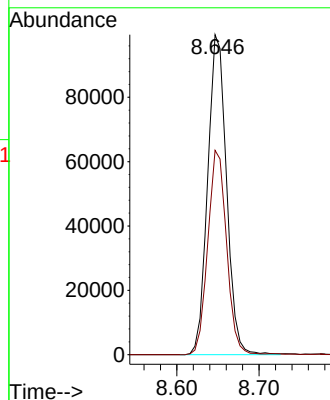
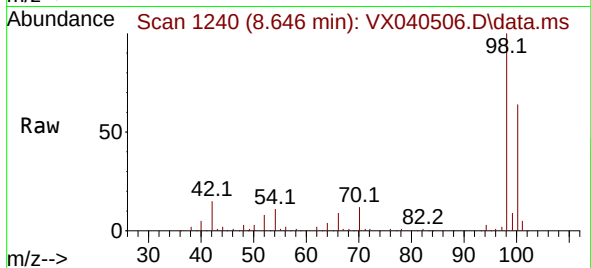




#50
Toluene-d8
Concen: 48.375 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040506.D
Acq: 28 Feb 2024 12:58

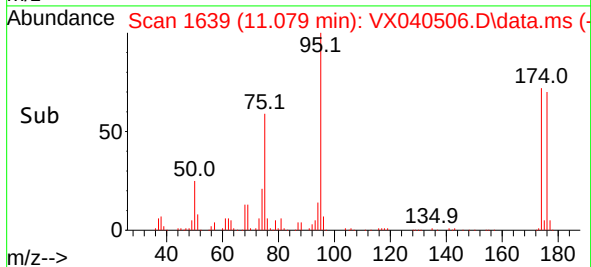
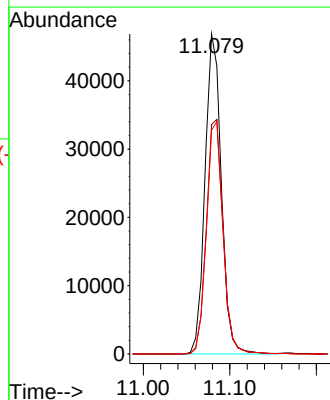
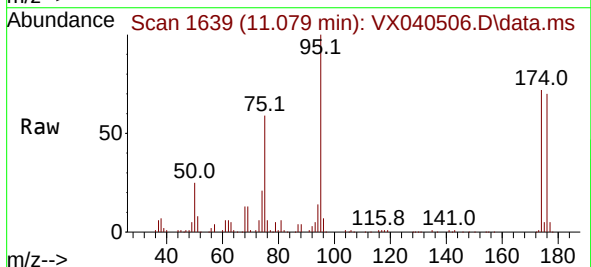
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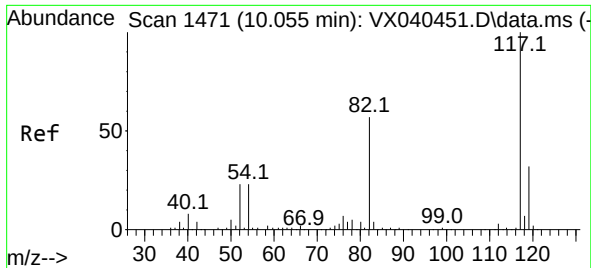
Tgt Ion: 98 Resp: 158137
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.163 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040506.D
Acq: 28 Feb 2024 12:58

Tgt Ion: 95 Resp: 61262
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 74.0 0.0 131.0

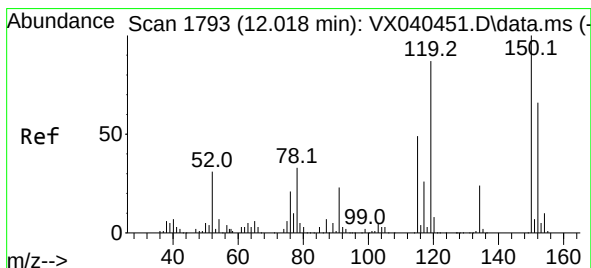
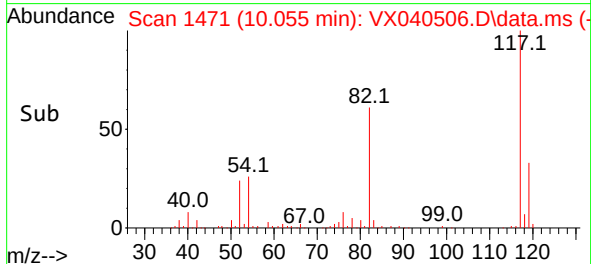
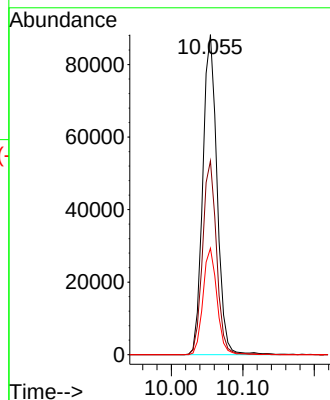
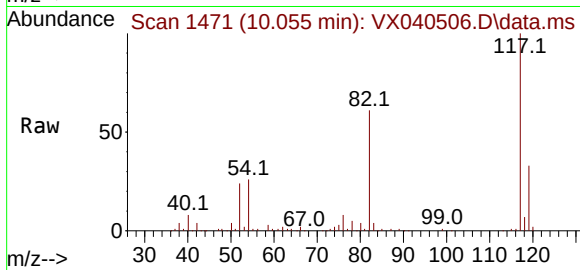




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040506.D
Acq: 28 Feb 2024 12:58

Instrument :
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Tgt Ion:117 Resp: 122362
Ion Ratio Lower Upper
117 100
82 60.6 46.2 69.4
119 33.3 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: VX040506.D
Acq: 28 Feb 2024 12:58

Tgt Ion:152 Resp: 61999
Ion Ratio Lower Upper
152 100
115 62.8 43.3 129.9
150 159.3 0.0 345.0

