

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032853.D
 Acq On : 16 Nov 2022 08:06
 Operator : JC/MD
 Sample : N5640-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Nov 16 08:37:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

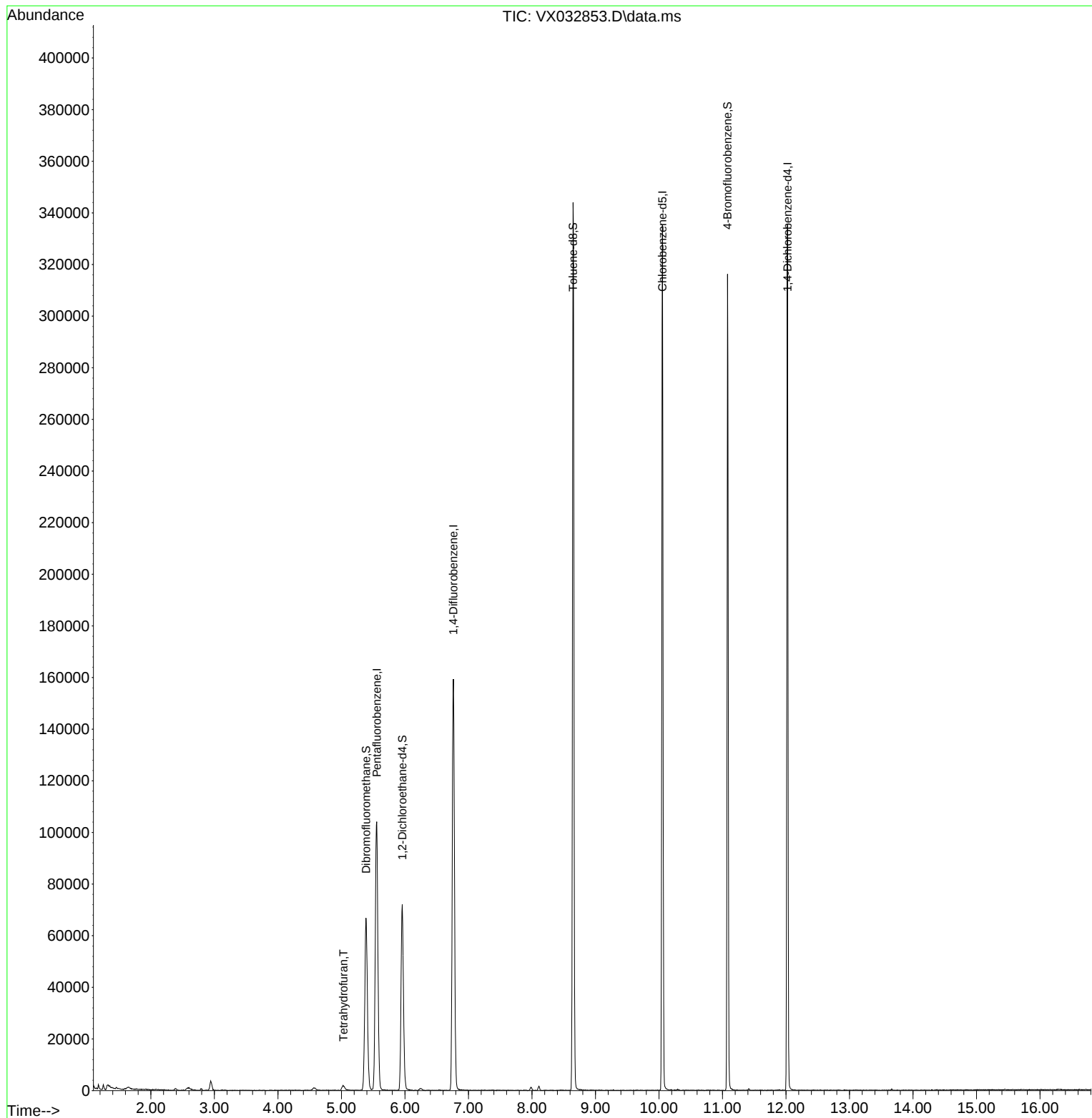
Internal Standards						
1) Pentafluorobenzene	5.556	168	99753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	165781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71696	51.727	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.460%
35) Dibromofluoromethane	5.385	113	57259	48.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.840%
50) Toluene-d8	8.647	98	203849	49.575	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.160%
62) 4-Bromofluorobenzene	11.079	95	77841	48.462	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.920%
Target Compounds						
29) Tetrahydrofuran	5.032	42	1737	3.490	ug/l	Qvalue 94

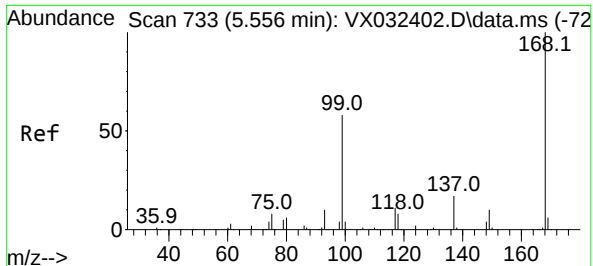
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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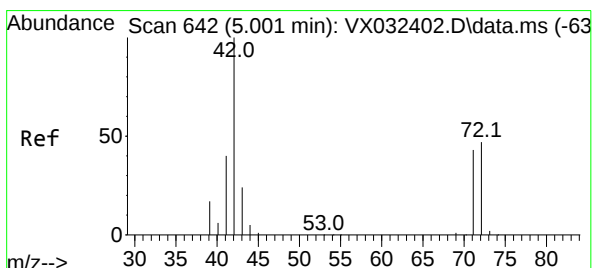
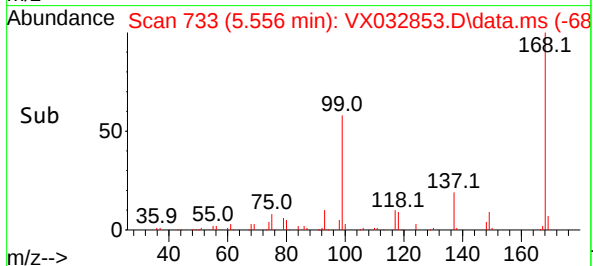
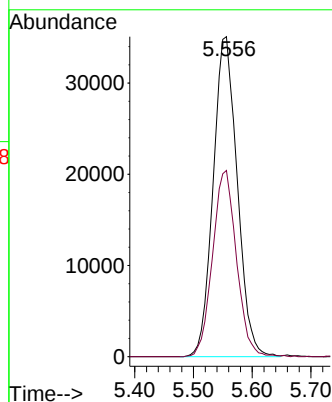
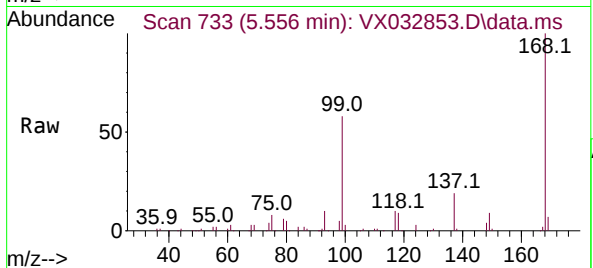




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

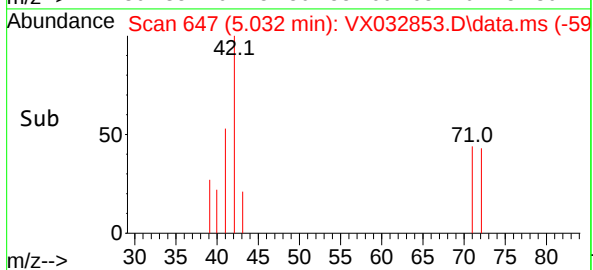
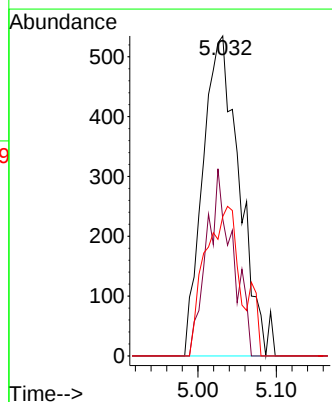
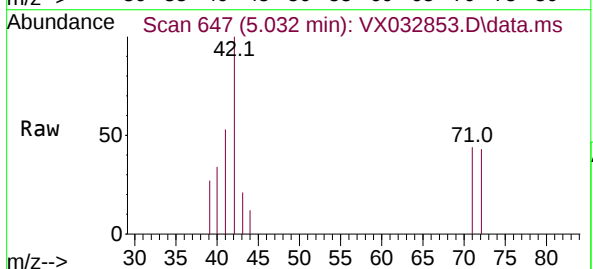
Instrument :
MSVOA_X
ClientSampleId :
MW-2

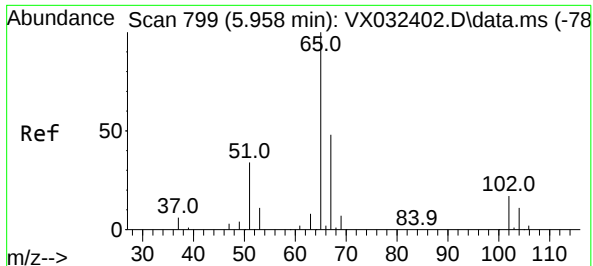
Tgt Ion:168 Resp: 99753
Ion Ratio Lower Upper
168 100
99 58.2 46.1 69.1



#29
Tetrahydrofuran
Concen: 3.490 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.031 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

Tgt Ion: 42 Resp: 1737
Ion Ratio Lower Upper
42 100
72 41.5 37.6 56.4
71 41.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.727 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032853.D

Acq: 16 Nov 2022 08:06

Instrument :

MSVOA_X

ClientSampleId :

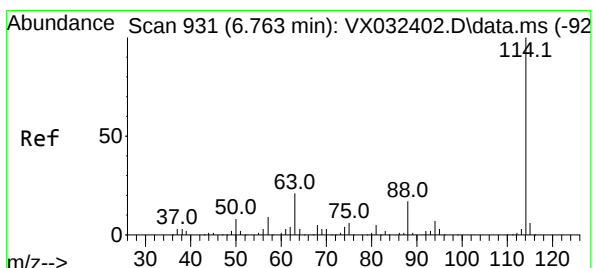
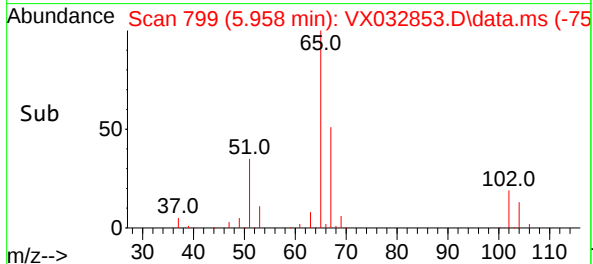
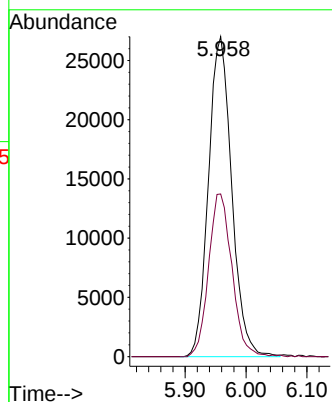
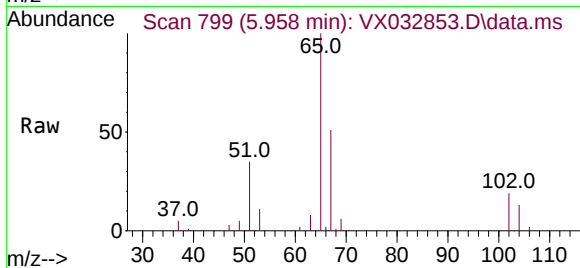
MW-2

Tgt Ion: 65 Resp: 71696

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032853.D

Acq: 16 Nov 2022 08:06

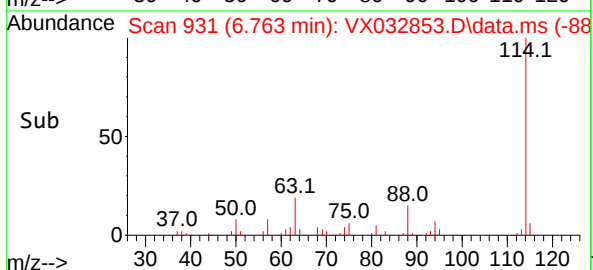
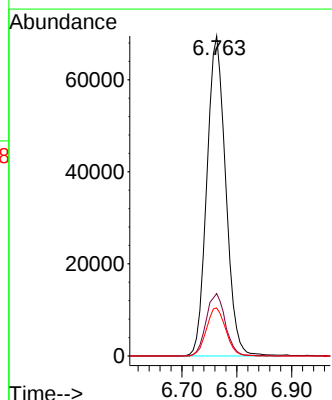
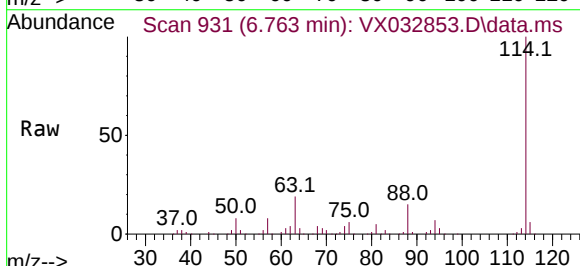
Tgt Ion: 114 Resp: 165781

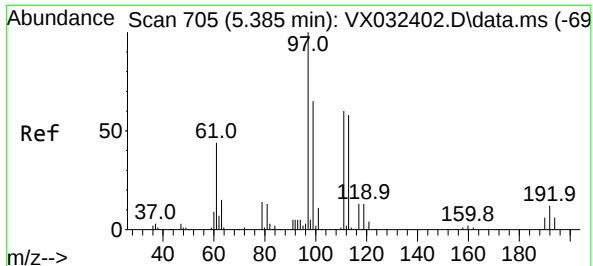
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 15.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.421 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032853.D

Acq: 16 Nov 2022 08:06

Instrument :

MSVOA_X

ClientSampleId :

MW-2

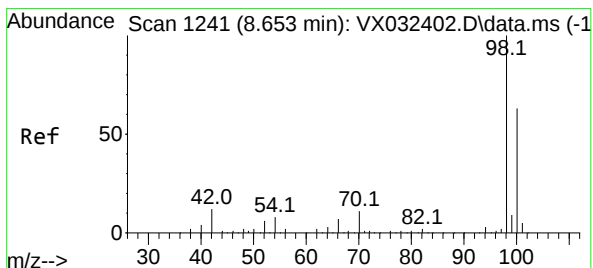
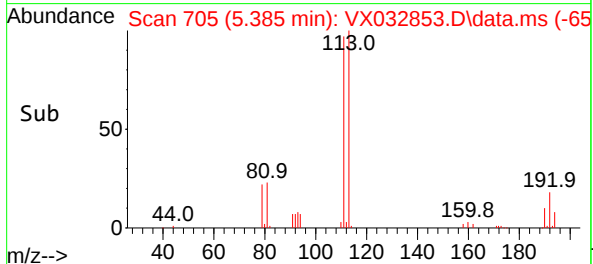
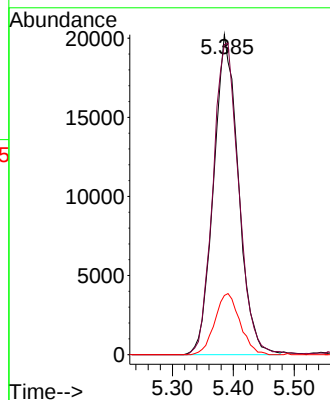
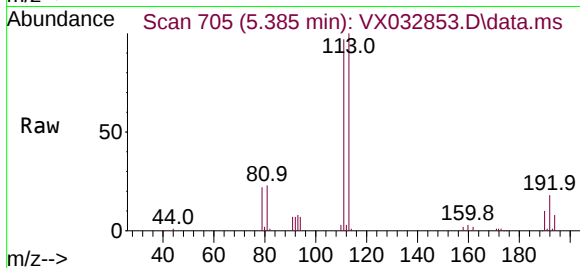
Tgt Ion:113 Resp: 57259

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

192 19.3 15.4 23.2



#50

Toluene-d8

Concen: 49.575 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032853.D

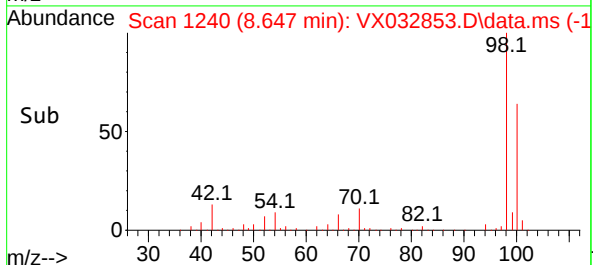
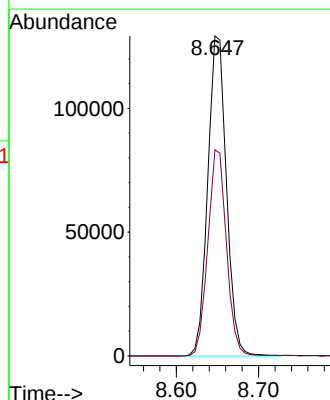
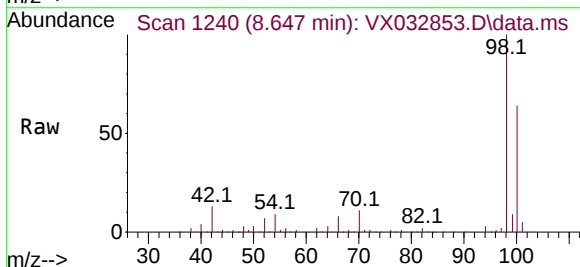
Acq: 16 Nov 2022 08:06

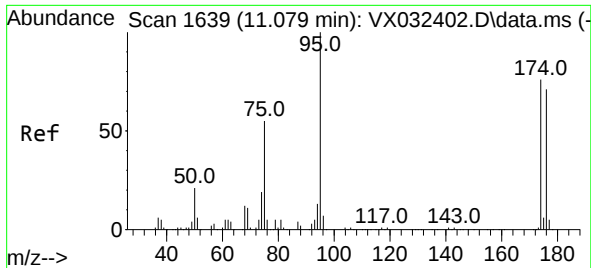
Tgt Ion: 98 Resp: 203849

Ion Ratio Lower Upper

98 100

100 64.3 50.9 76.3

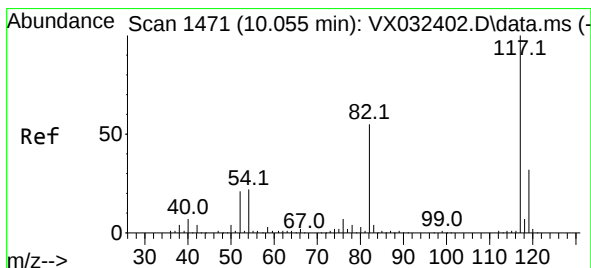
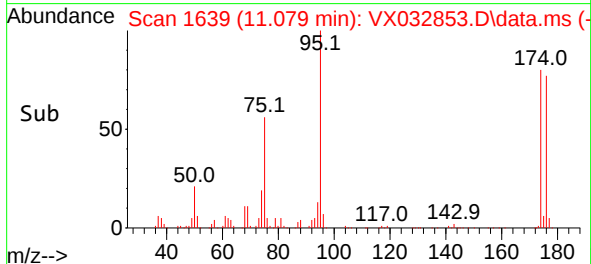
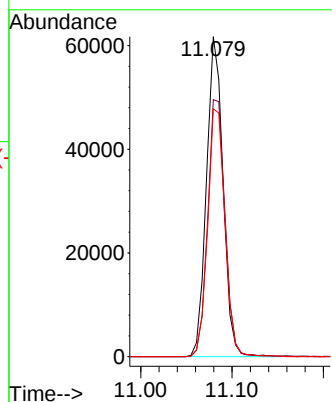
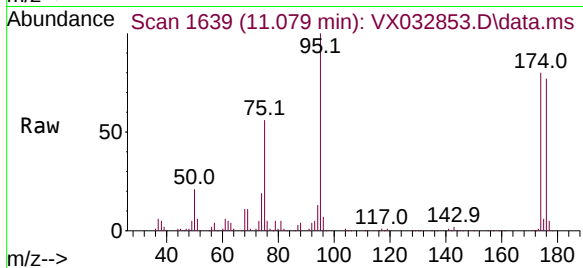




#62
4-Bromofluorobenzene
Concen: 48.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

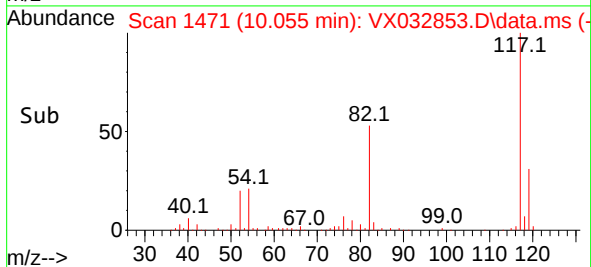
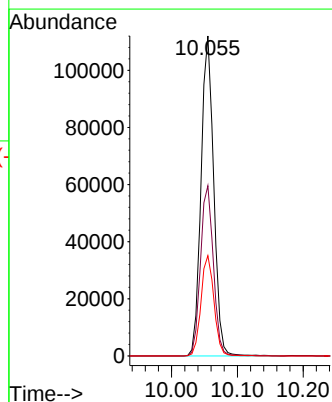
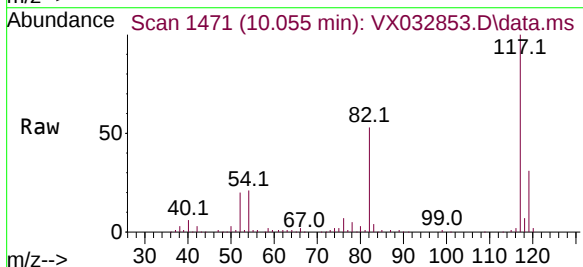
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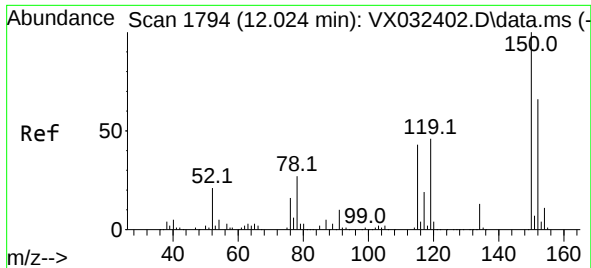
Tgt Ion:	95	Resp:	77841
Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	164.0
176	81.0	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

Tgt Ion:	117	Resp:	150084
Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.3	66.5
119	31.3	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032853.D

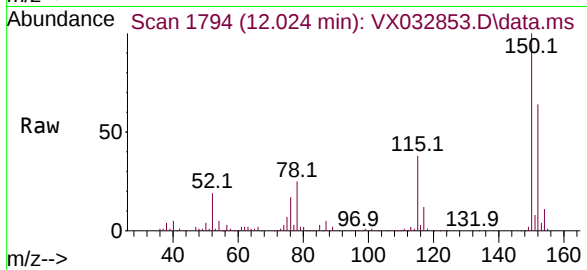
Acq: 16 Nov 2022 08:06

Instrument :

MSVOA_X

ClientSampleId :

MW-2



Tgt Ion:152 Resp: 69522

Ion Ratio Lower Upper

152 100

115 59.6 44.0 132.0

150 156.9 0.0 351.8

