

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032828.D
 Acq On : 15 Nov 2022 17:21
 Operator : JC/MD
 Sample : N5614-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22D

Quant Time: Nov 16 03:34:53 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)

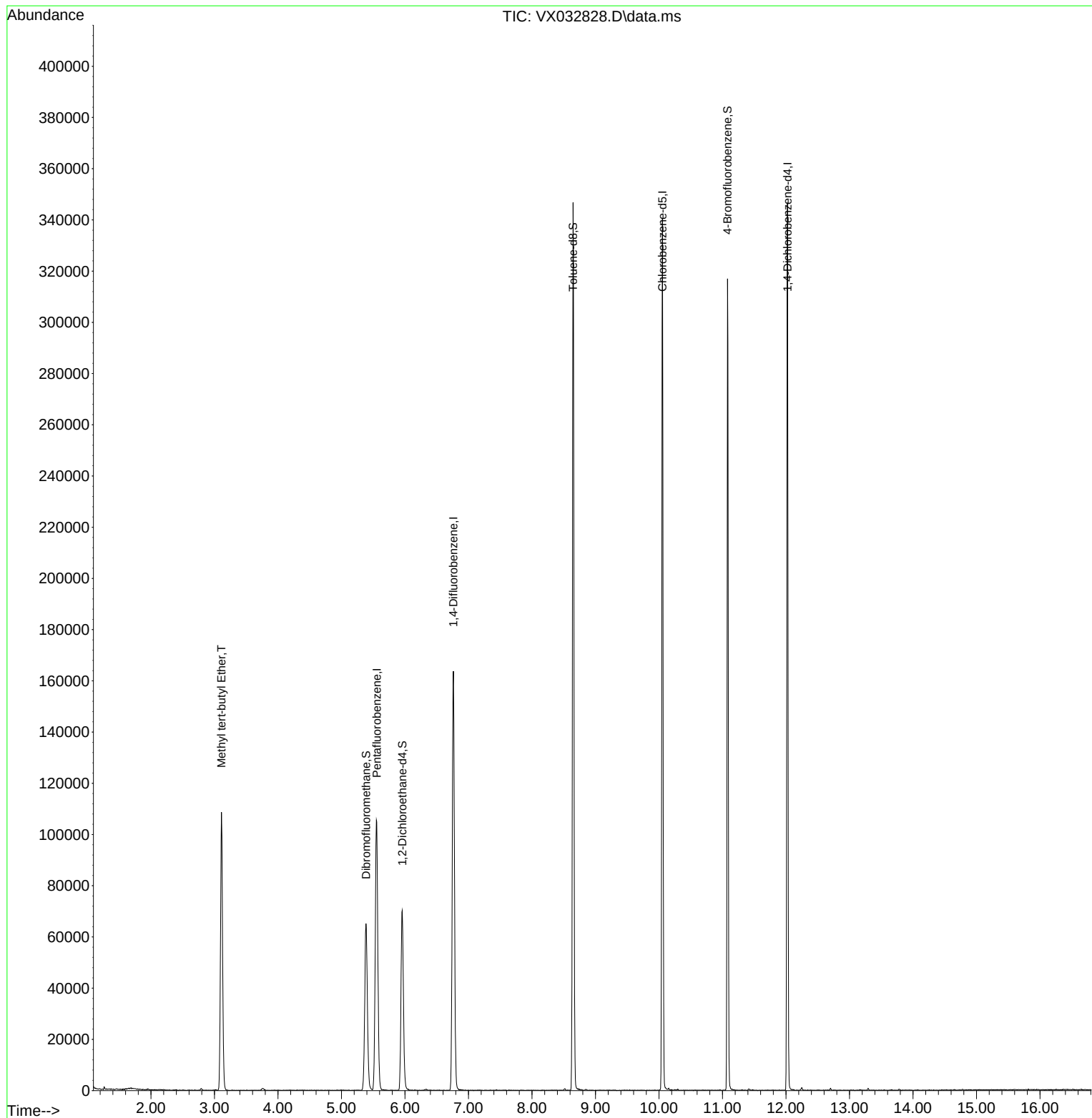
Internal Standards						
1) Pentafluorobenzene	5.556	168	100723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72318	51.673	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.340%
35) Dibromofluoromethane	5.385	113	56747	47.572	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.140%
50) Toluene-d8	8.647	98	204378	49.273	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.079	95	78102	48.204	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.400%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	115432	32.514	ug/l	Qvalue 100

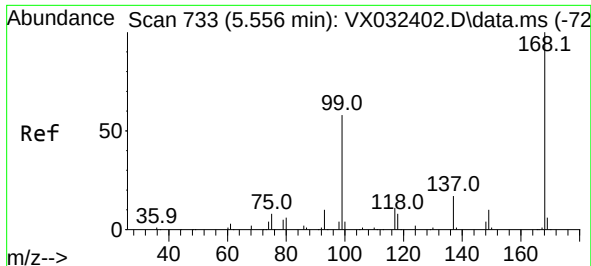
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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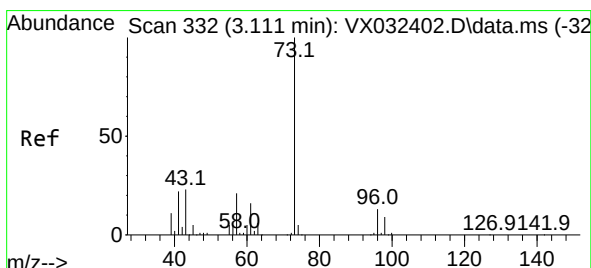
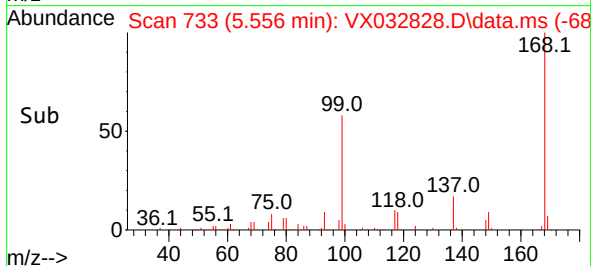
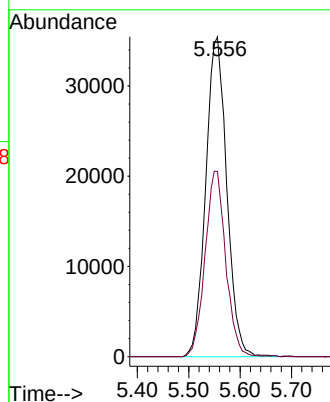
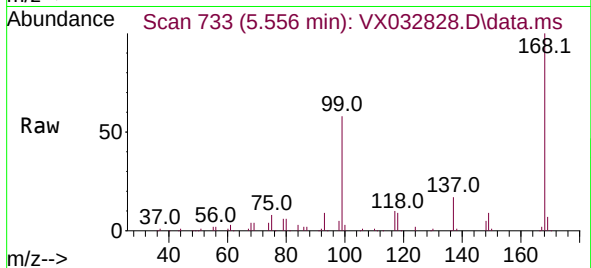




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

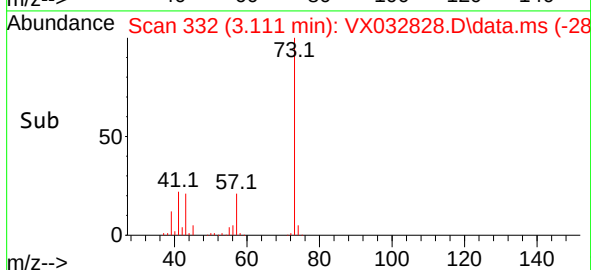
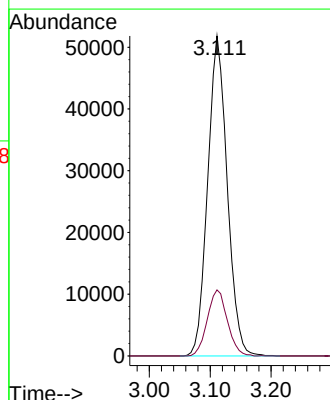
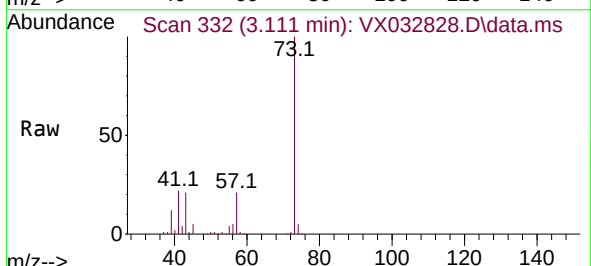
Instrument :
MSVOA_X
ClientSampleId :
MW-22D

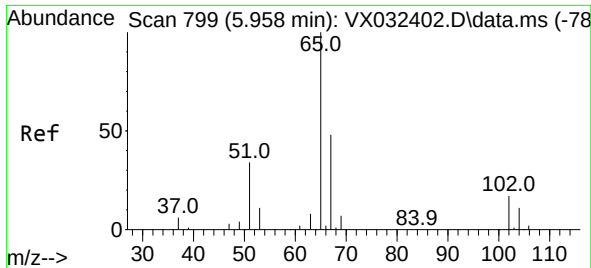
Tgt Ion:168 Resp: 100723
Ion Ratio Lower Upper
168 100
99 57.9 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 32.514 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

Tgt Ion: 73 Resp: 115432
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0





#33

1,2-Dichloroethane-d4

Concen: 51.673 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032828.D

Acq: 15 Nov 2022 17:21

Instrument :

MSVOA_X

ClientSampleId :

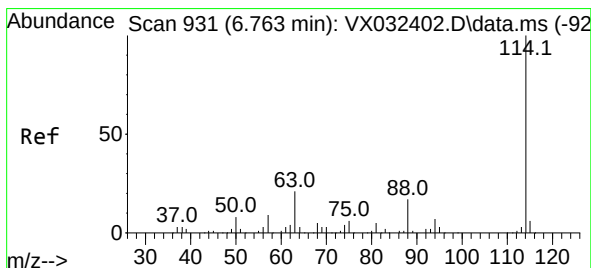
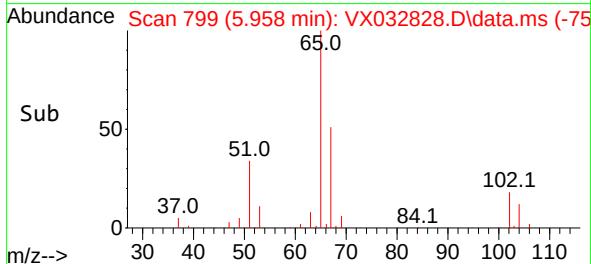
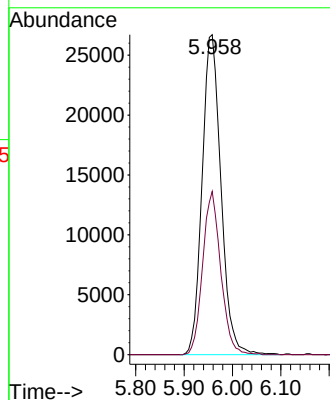
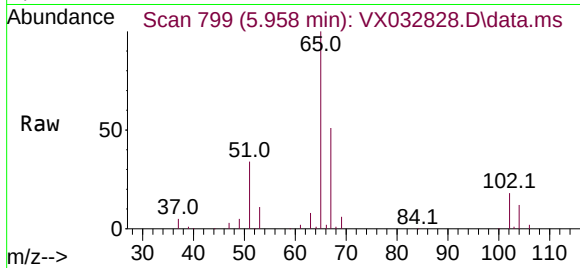
MW-22D

Tgt Ion: 65 Resp: 72318

Ion Ratio Lower Upper

65 100

67 48.9 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: VX032828.D

Acq: 15 Nov 2022 17:21

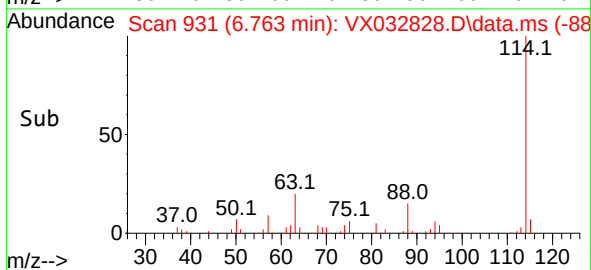
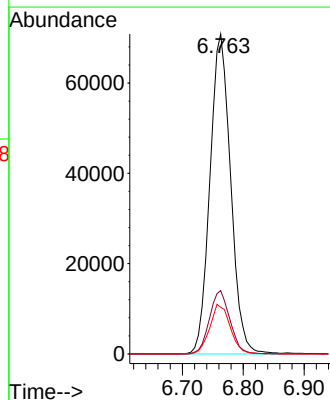
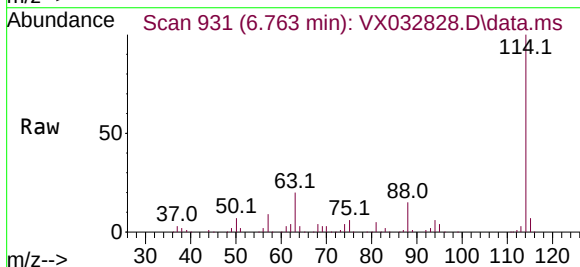
Tgt Ion: 114 Resp: 167230

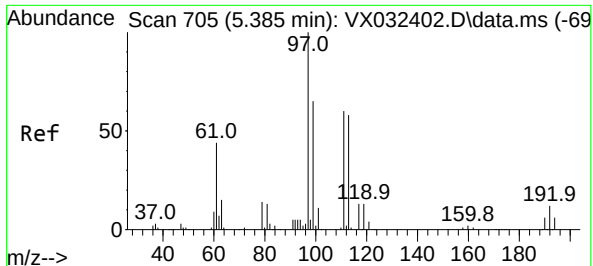
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 14.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.572 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032828.D

Acq: 15 Nov 2022 17:21

Instrument : MSVOA_X

ClientSampleId : MW-22D

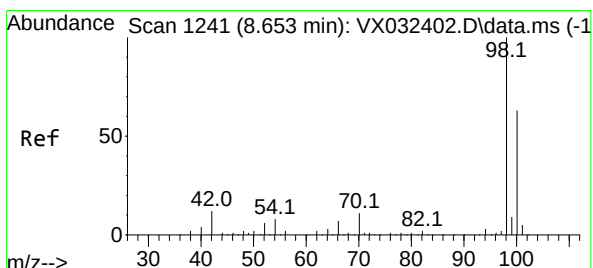
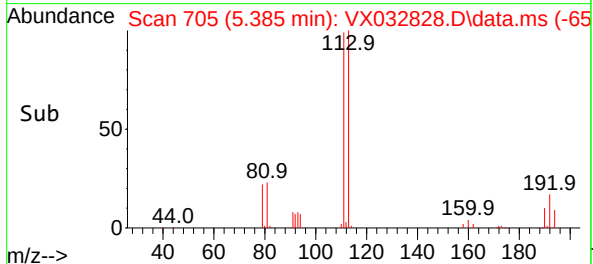
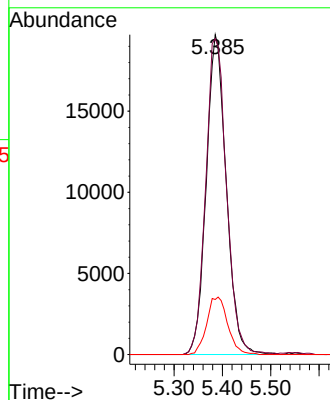
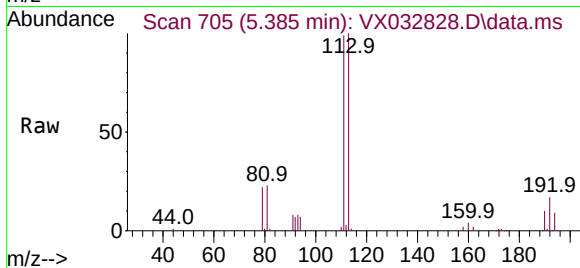
Tgt Ion:113 Resp: 56747

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 18.9 15.4 23.2



#50

Toluene-d8

Concen: 49.273 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032828.D

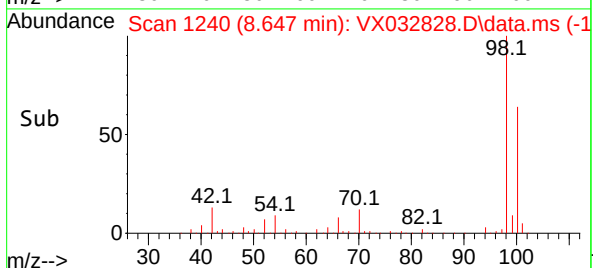
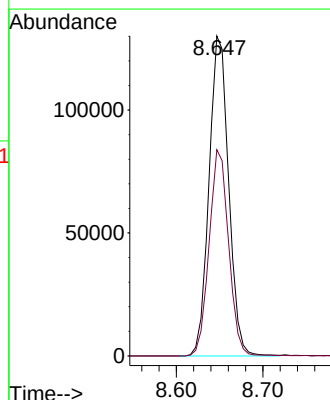
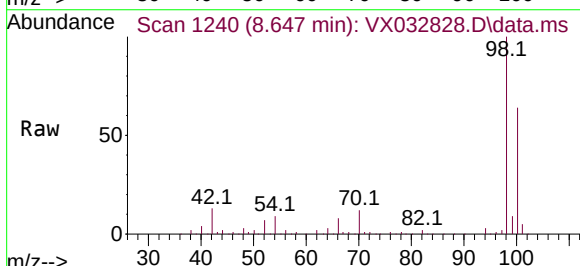
Acq: 15 Nov 2022 17:21

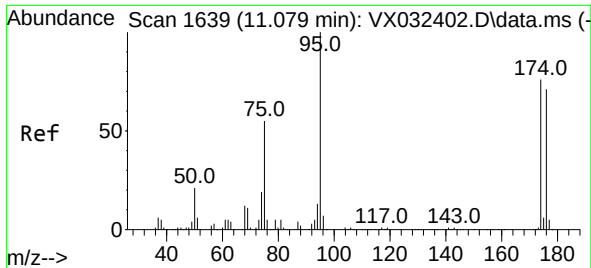
Tgt Ion: 98 Resp: 204378

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3

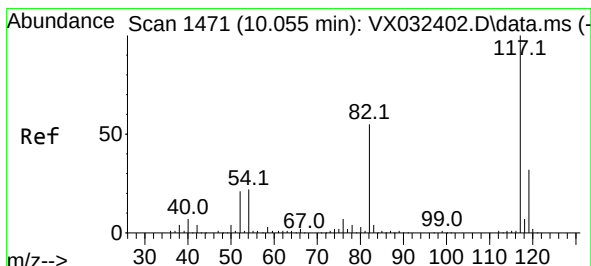
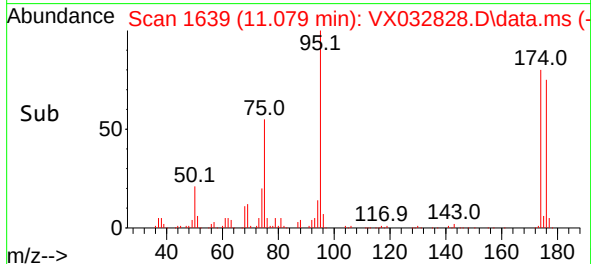
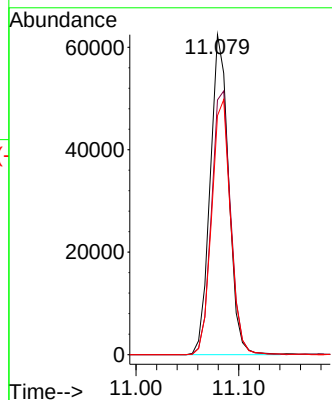
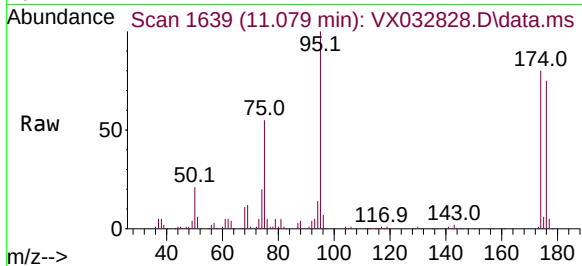




#62
4-Bromofluorobenzene
Concen: 48.204 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

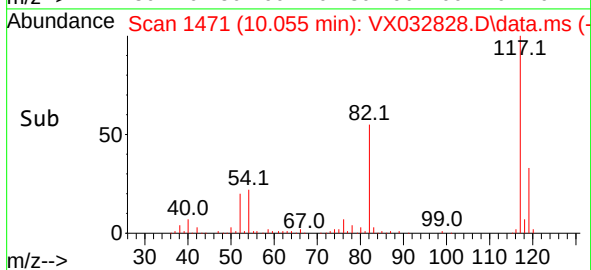
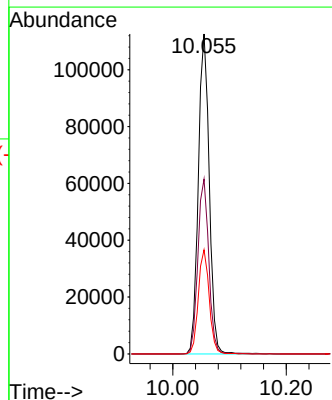
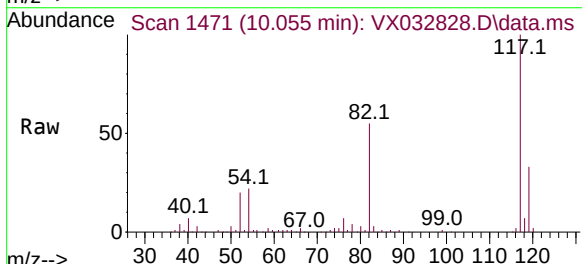
Instrument :
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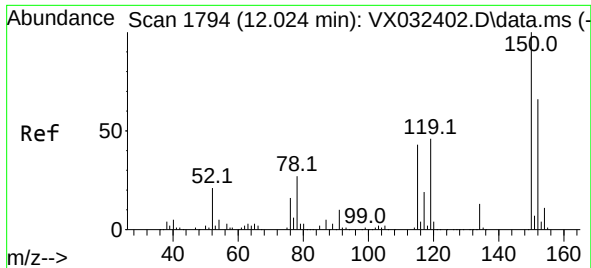
Tgt Ion: 95 Resp: 78102
Ion Ratio Lower Upper
95 100
174 85.5 0.0 164.0
176 81.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

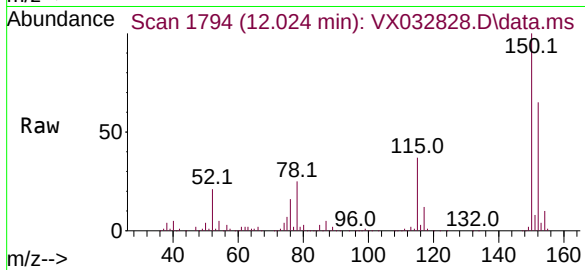
Tgt Ion: 117 Resp: 150037
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 32.5 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032828.D
 Acq: 15 Nov 2022 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22D



Tgt Ion:152 Resp: 70975
 Ion Ratio Lower Upper
 152 100
 115 59.5 44.0 132.0
 150 156.5 0.0 351.8

