

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030980.D
 Acq On : 31 Aug 2022 15:57
 Operator : JC/MD
 Sample : N4381-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Quant Time: Sep 01 00:57:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

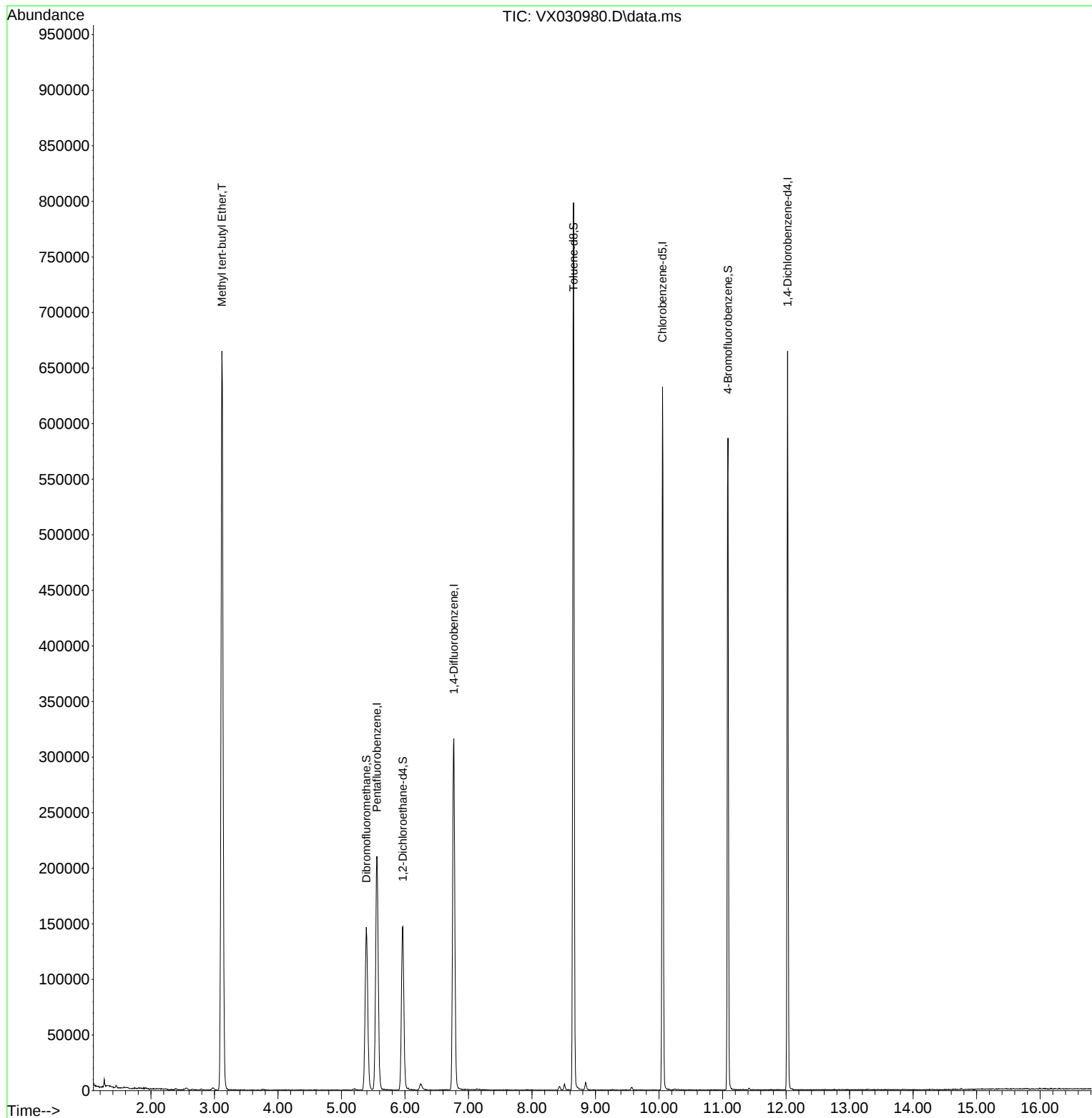
Internal Standards						
1) Pentafluorobenzene	5.556	168	207310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	346088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	141588	47.618	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.240%
35) Dibromofluoromethane	5.391	113	130335	51.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.180%
50) Toluene-d8	8.653	98	487998	51.651	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.300%
62) 4-Bromofluorobenzene	11.085	95	164094	48.773	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.540%
Target Compounds						
19) Methyl tert-butyl Ether	3.117	73	778234	94.836	ug/l	Qvalue 94

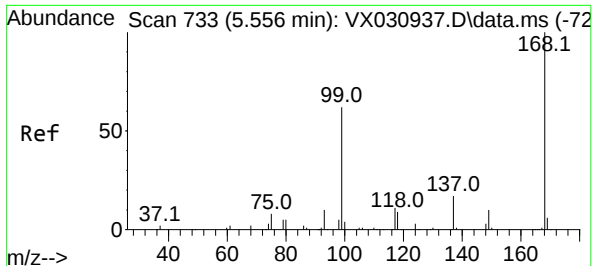
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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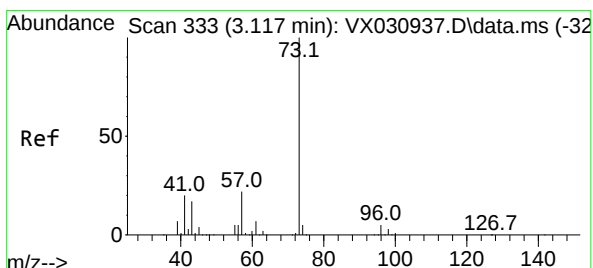
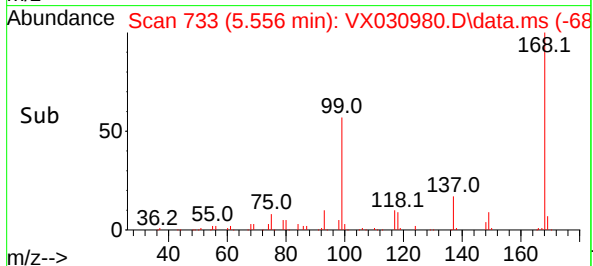
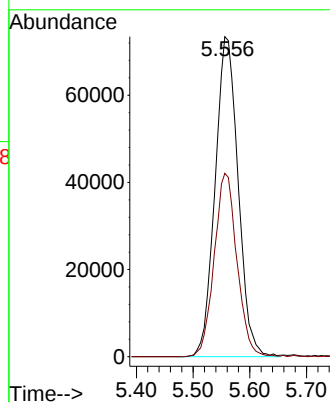
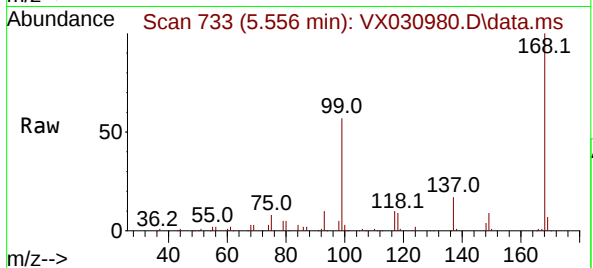




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

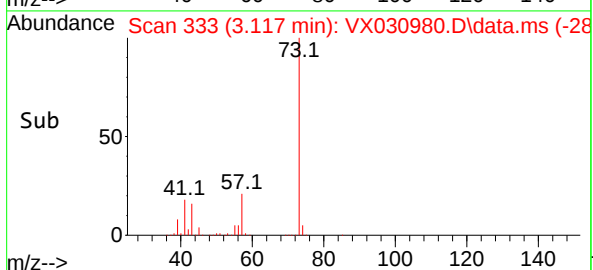
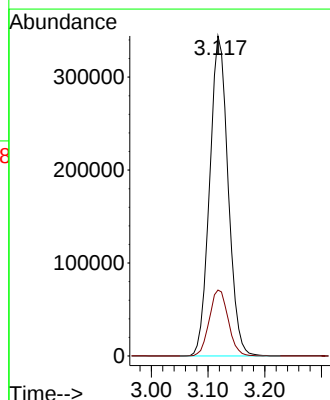
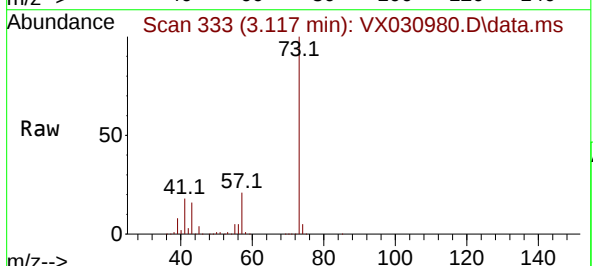
Instrument :
MSVOA_X
ClientSampleId :
MW-26

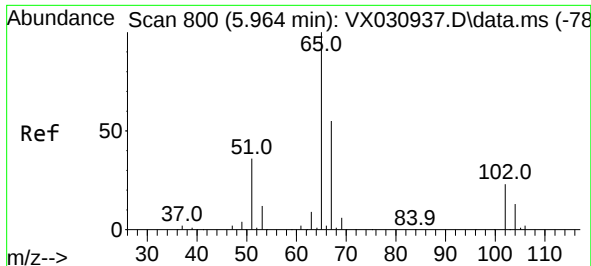
Tgt Ion:168 Resp: 207310
Ion Ratio Lower Upper
168 100
99 57.3 44.0 66.0



#19
Methyl tert-butyl Ether
Concen: 94.836 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

Tgt Ion: 73 Resp: 778234
Ion Ratio Lower Upper
73 100
57 20.6 19.0 28.6





#33

1,2-Dichloroethane-d4

Concen: 47.618 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030980.D

Acq: 31 Aug 2022 15:57

Instrument :

MSVOA_X

ClientSampleId :

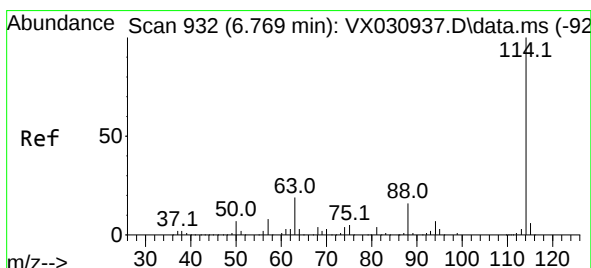
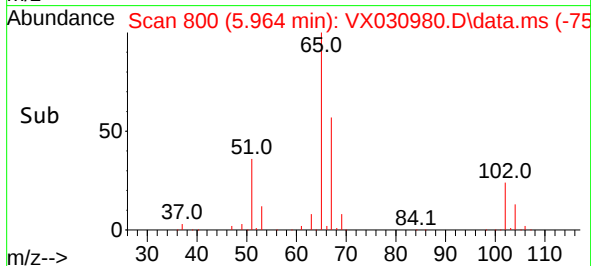
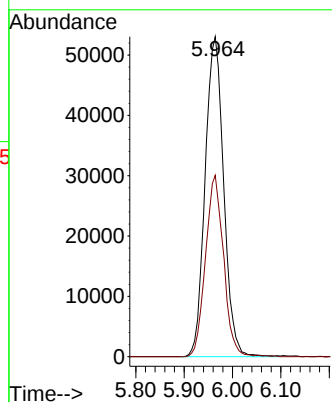
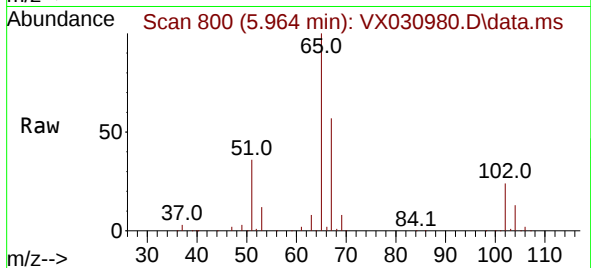
MW-26

Tgt Ion: 65 Resp: 141588

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030980.D

Acq: 31 Aug 2022 15:57

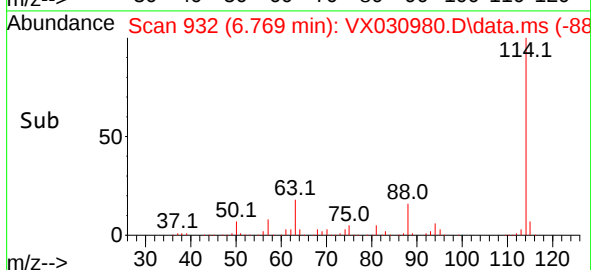
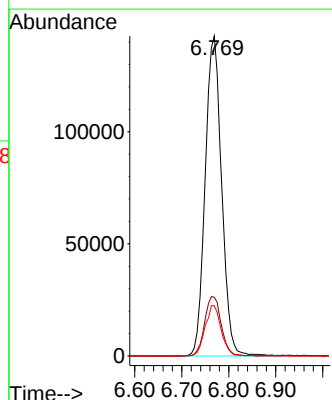
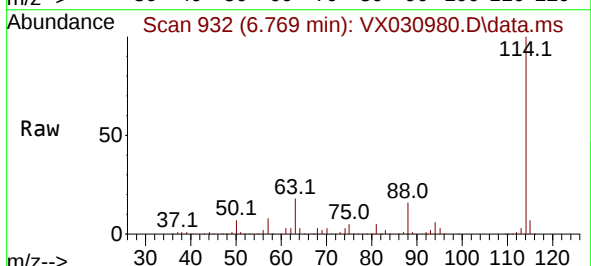
Tgt Ion: 114 Resp: 346088

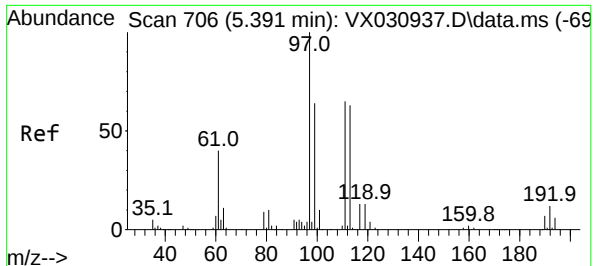
Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

88 15.7 0.0 31.8

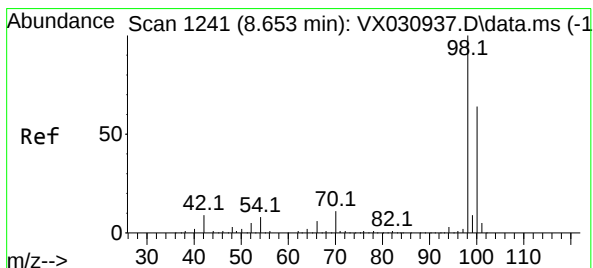
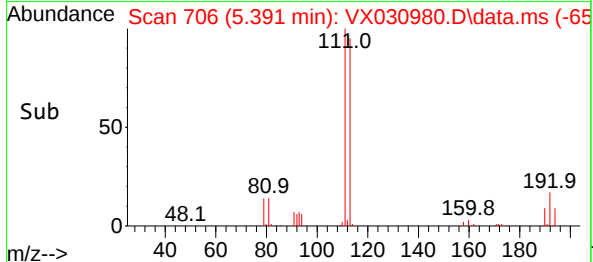
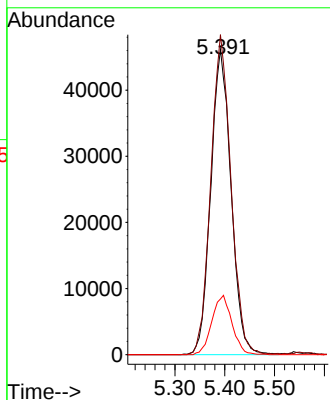
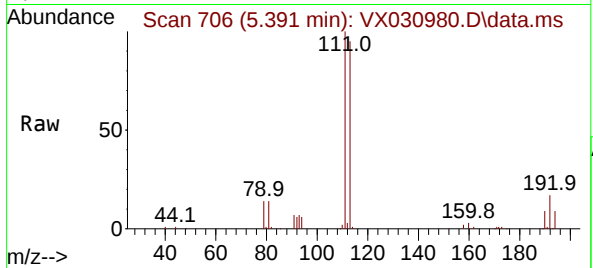




#35
Dibromofluoromethane
Concen: 51.088 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

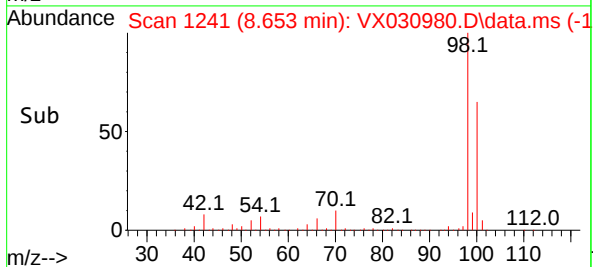
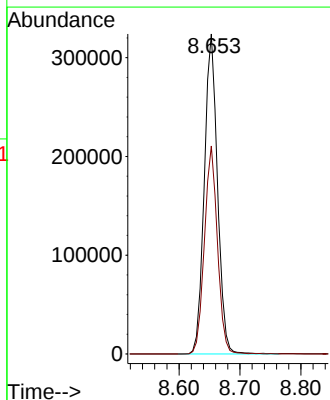
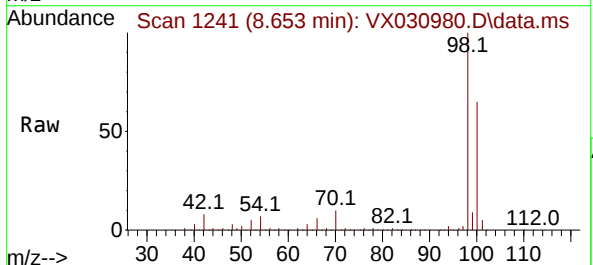
Instrument :
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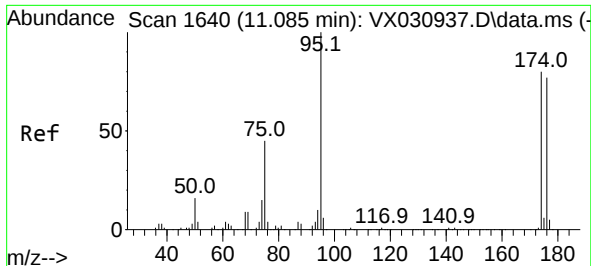
Tgt Ion:113 Resp: 130335
Ion Ratio Lower Upper
113 100
111 104.2 83.2 124.8
192 19.2 14.8 22.2



#50
Toluene-d8
Concen: 51.651 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

Tgt Ion: 98 Resp: 487998
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5

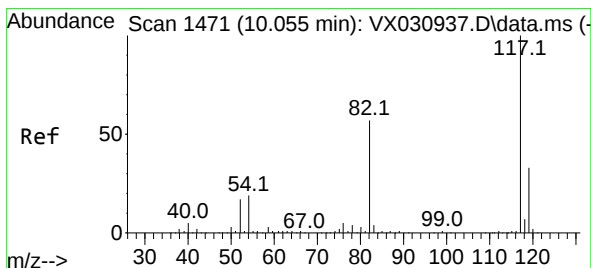
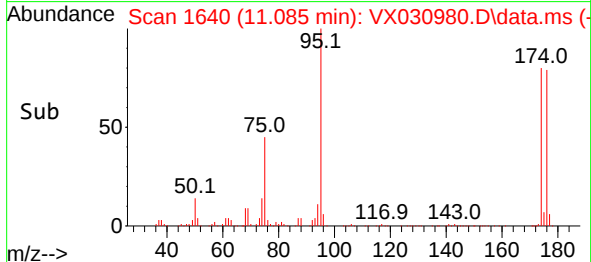
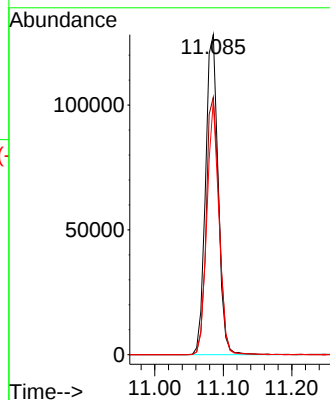
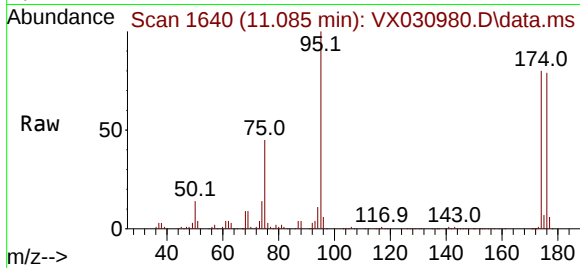




#62
4-Bromofluorobenzene
Concen: 48.773 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

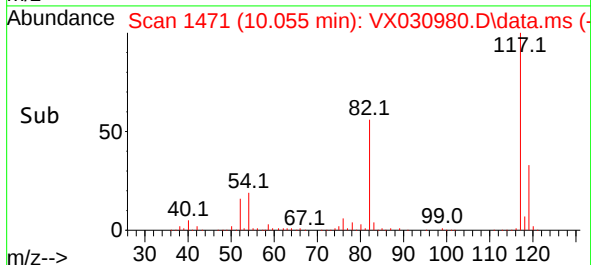
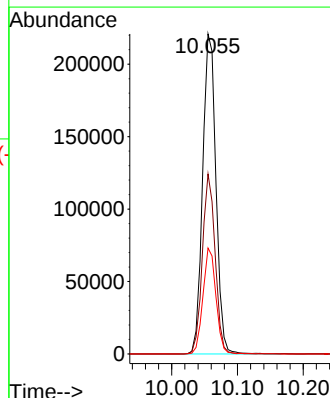
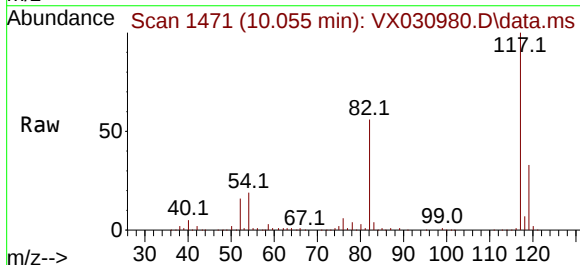
Instrument :
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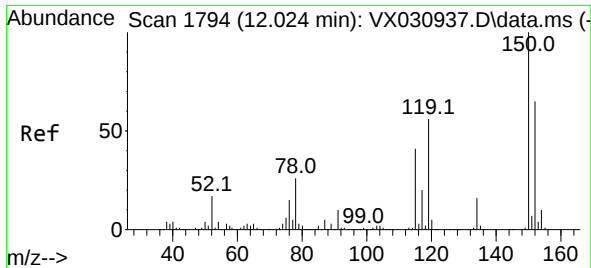
Tgt Ion: 95 Resp: 164094
Ion Ratio Lower Upper
95 100
174 82.2 0.0 149.0
176 76.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

Tgt Ion: 117 Resp: 310398
Ion Ratio Lower Upper
117 100
82 56.2 42.7 64.1
119 33.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030980.D

Acq: 31 Aug 2022 15:57

Instrument :

MSVOA_X

ClientSampleId :

MW-26

Tgt Ion:152 Resp: 141125

Ion Ratio Lower Upper

152 100

115 57.6 40.5 121.5

150 154.8 0.0 347.0

