

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035083.D
 Acq On : 14 Apr 2023 15:09
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 17 05:11:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

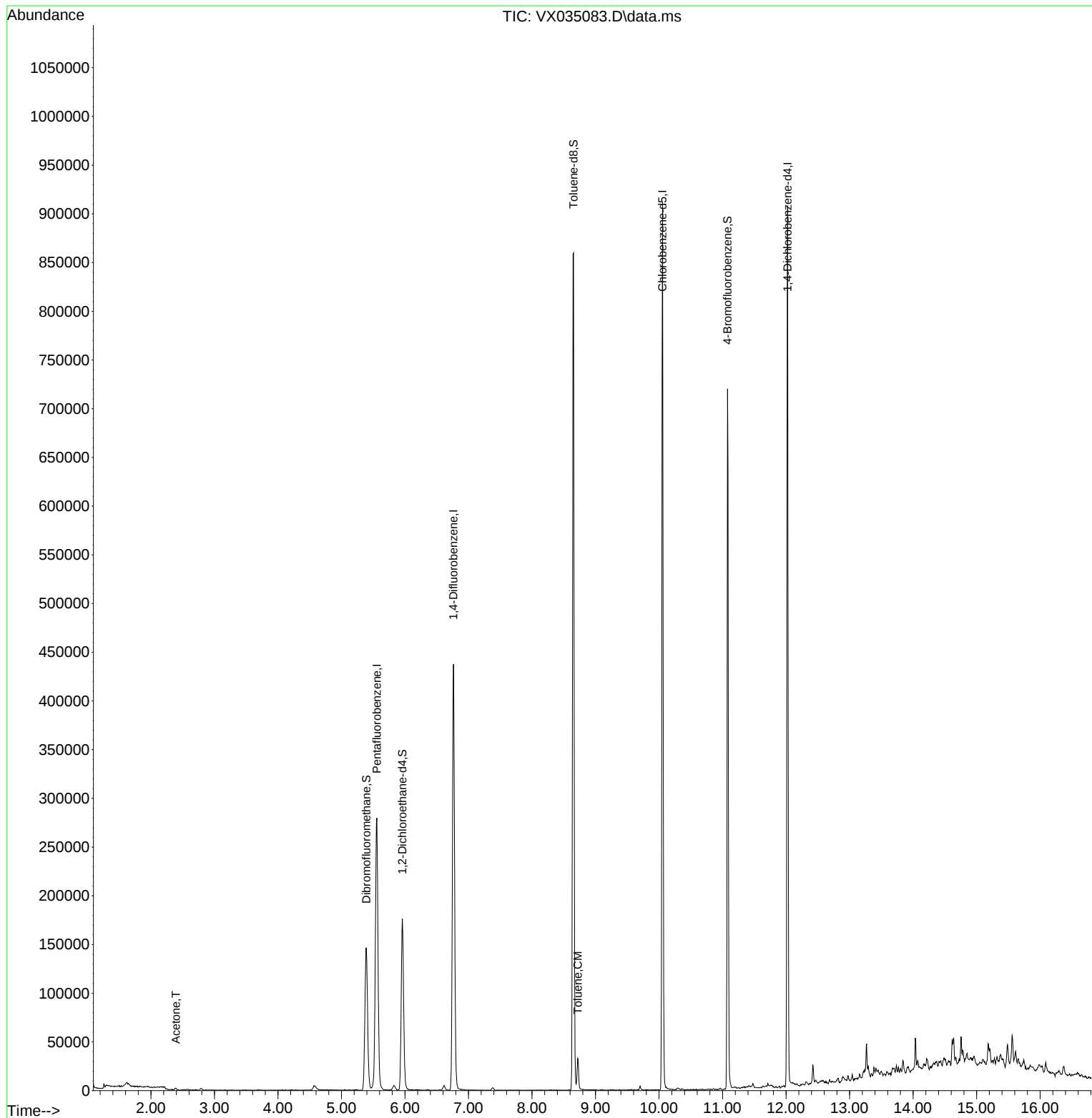
Internal Standards						
1) Pentafluorobenzene	5.556	168	264238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	438298	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170139	42.102	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.200%
35) Dibromofluoromethane	5.391	113	130317	44.953	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.900%
50) Toluene-d8	8.653	98	519551	48.555	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.100%
62) 4-Bromofluorobenzene	11.079	95	201680	48.706	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.420%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	2348	1.430	ug/l	93
52) Toluene	8.720	92	12669	1.576	ug/l	100

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

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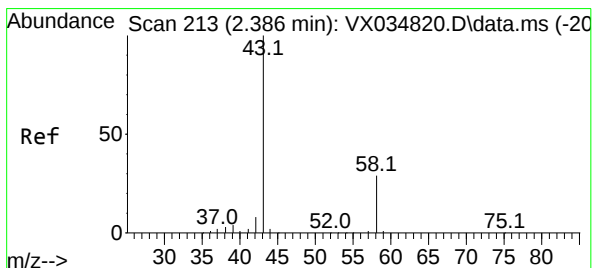
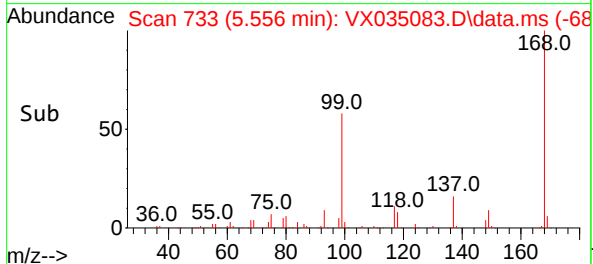
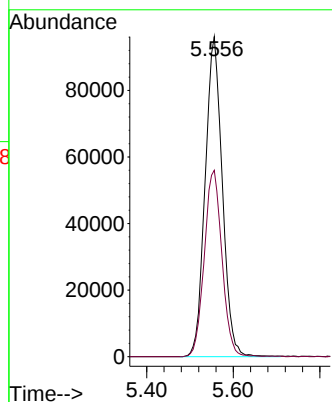
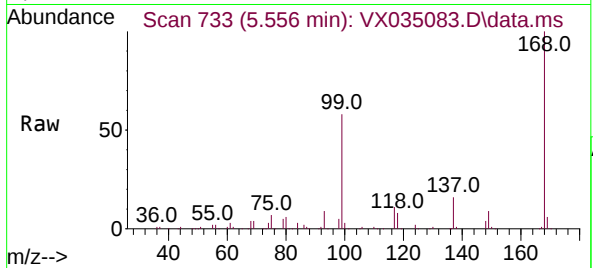




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035083.D
Acq: 14 Apr 2023 15:09

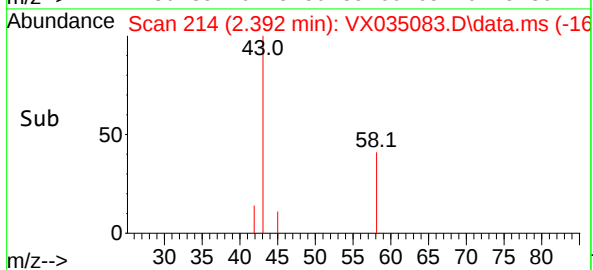
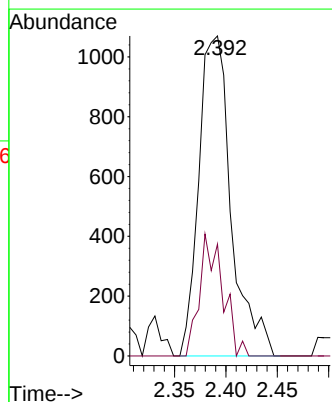
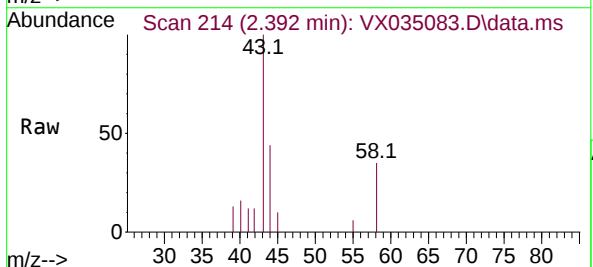
Instrument :
MSVOA_X
ClientSampleId :
IBLK

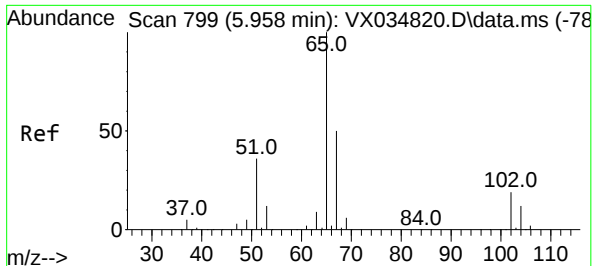
Tgt Ion:168 Resp: 264238
Ion Ratio Lower Upper
168 100
99 58.2 45.7 68.5



#16
Acetone
Concen: 1.430 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035083.D
Acq: 14 Apr 2023 15:09

Tgt Ion: 43 Resp: 2348
Ion Ratio Lower Upper
43 100
58 35.0 24.7 37.1





#33

1,2-Dichloroethane-d4

Concen: 42.102 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX035083.D

Acq: 14 Apr 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

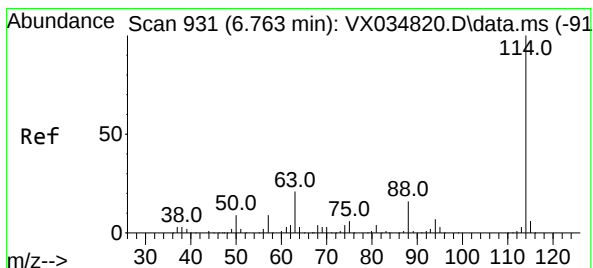
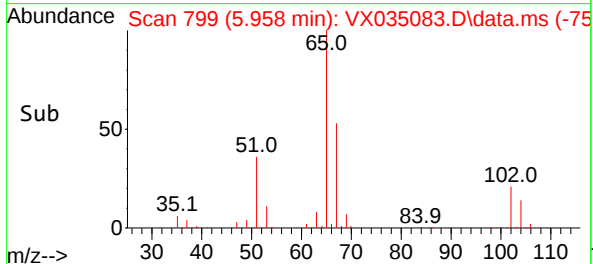
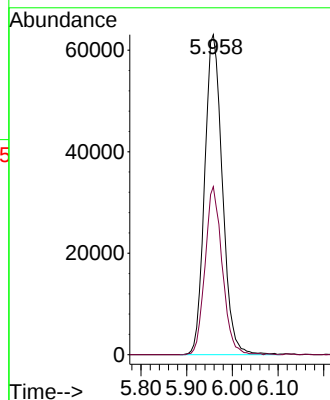
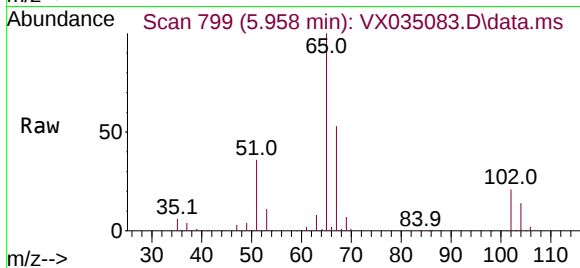
IBLK

Tgt Ion: 65 Resp: 170139

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035083.D

Acq: 14 Apr 2023 15:09

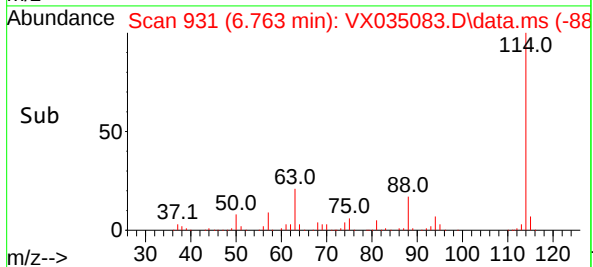
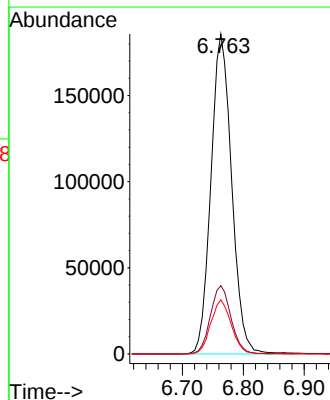
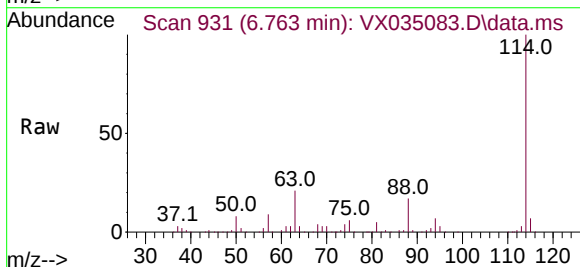
Tgt Ion: 114 Resp: 438298

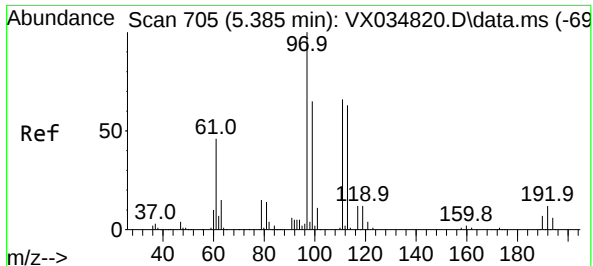
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.2

88 16.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 44.953 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX035083.D

Acq: 14 Apr 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

IBLK

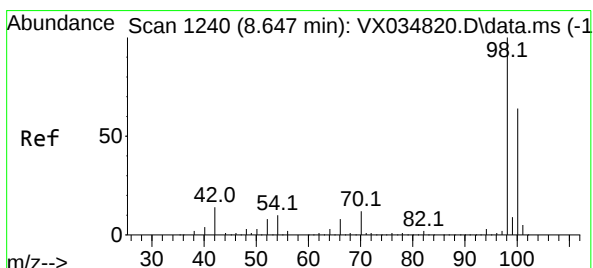
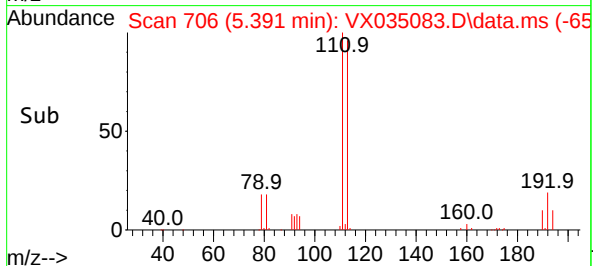
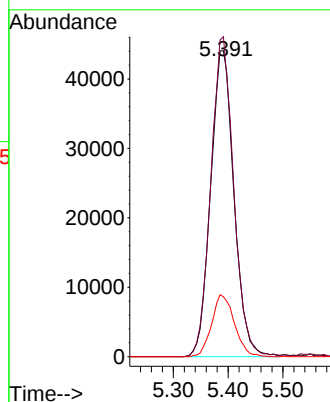
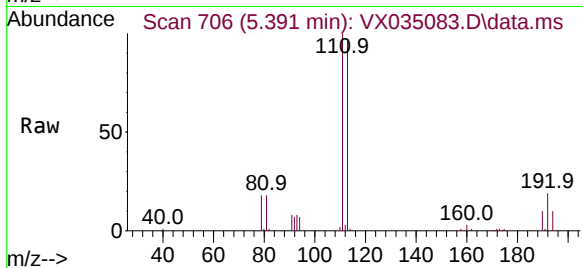
Tgt Ion:113 Resp: 130317

Ion Ratio Lower Upper

113 100

111 102.3 83.7 125.5

192 19.7 15.4 23.2



#50

Toluene-d8

Concen: 48.555 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX035083.D

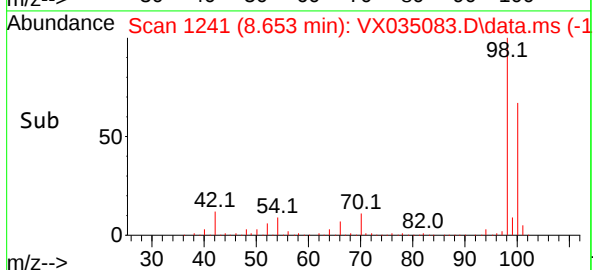
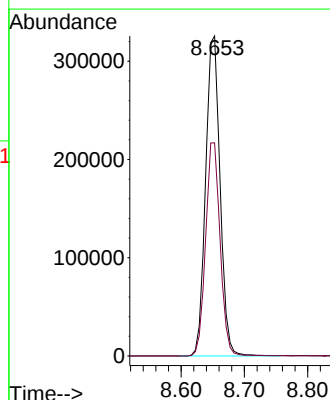
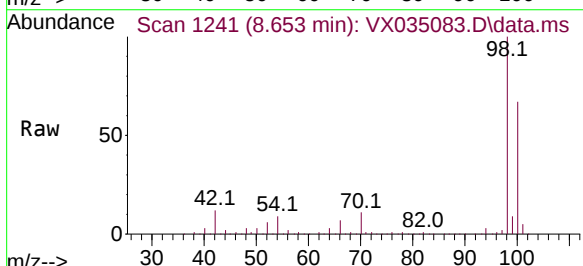
Acq: 14 Apr 2023 15:09

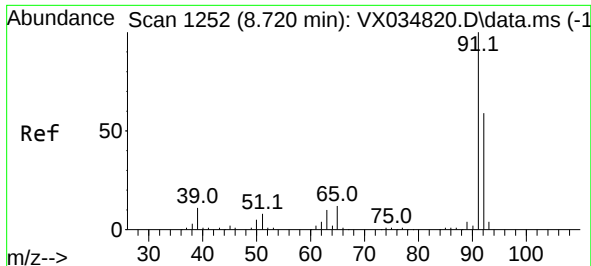
Tgt Ion: 98 Resp: 519551

Ion Ratio Lower Upper

98 100

100 66.9 52.5 78.7

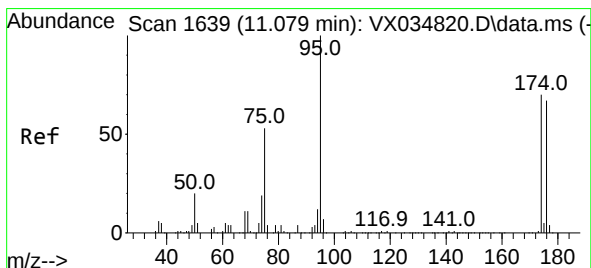
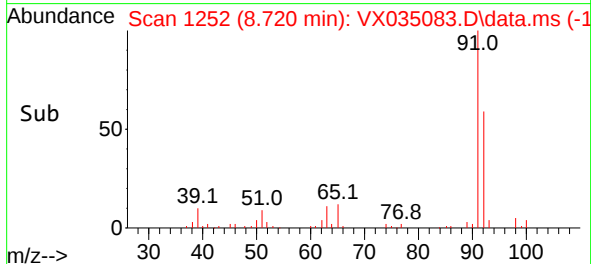
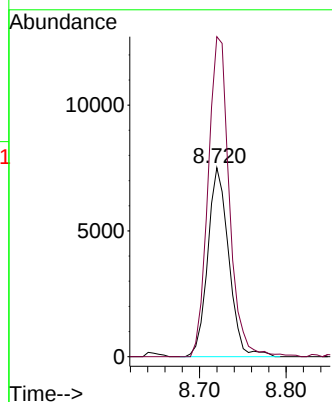
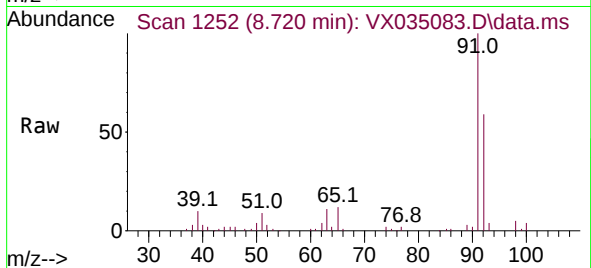




#52
Toluene
Concen: 1.576 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035083.D
Acq: 14 Apr 2023 15:09

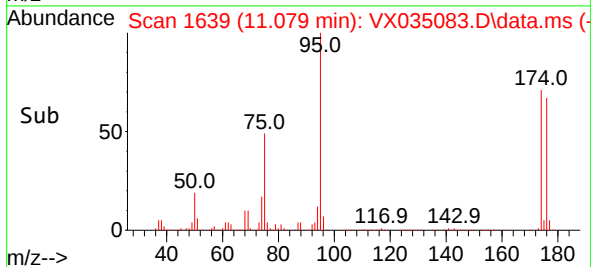
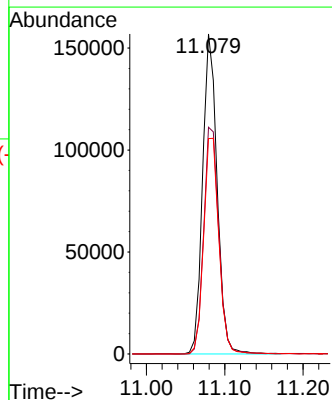
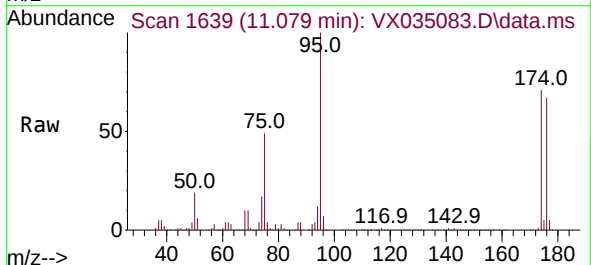
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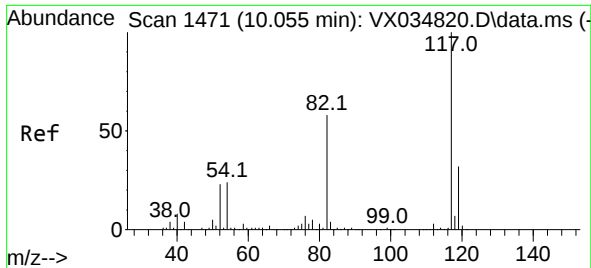
Tgt Ion: 92 Resp: 12669
Ion Ratio Lower Upper
92 100
91 171.2 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 48.706 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035083.D
Acq: 14 Apr 2023 15:09

Tgt Ion: 95 Resp: 201680
Ion Ratio Lower Upper
95 100
174 73.4 0.0 147.4
176 70.8 0.0 140.6

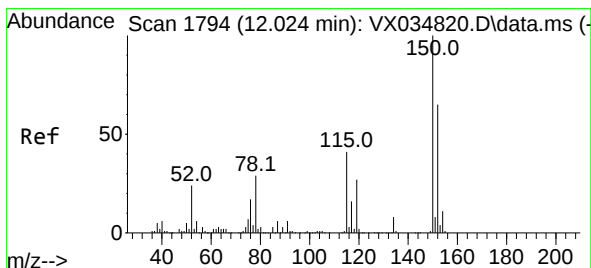
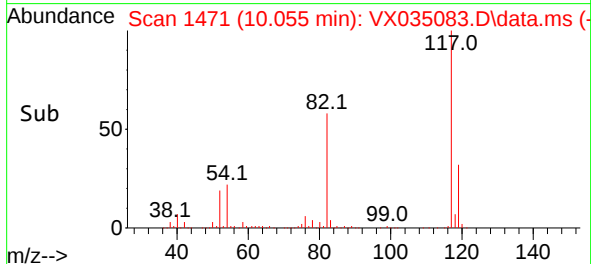
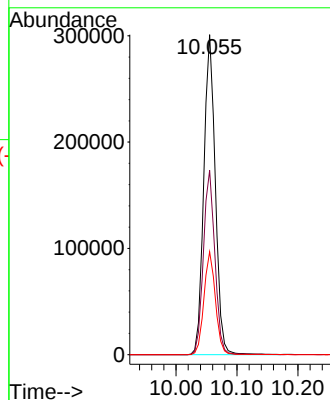
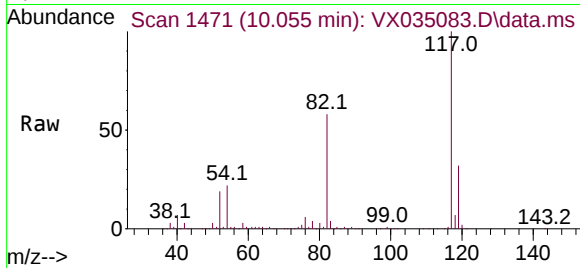




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035083.D
Acq: 14 Apr 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 396056
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035083.D
Acq: 14 Apr 2023 15:09

Tgt Ion:152 Resp: 188455
Ion Ratio Lower Upper
152 100
115 61.3 45.0 135.0
150 155.8 0.0 352.4

