

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041723\
 Data File : VX035108.D
 Acq On : 17 Apr 2023 14:52
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 18 05:53:34 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)

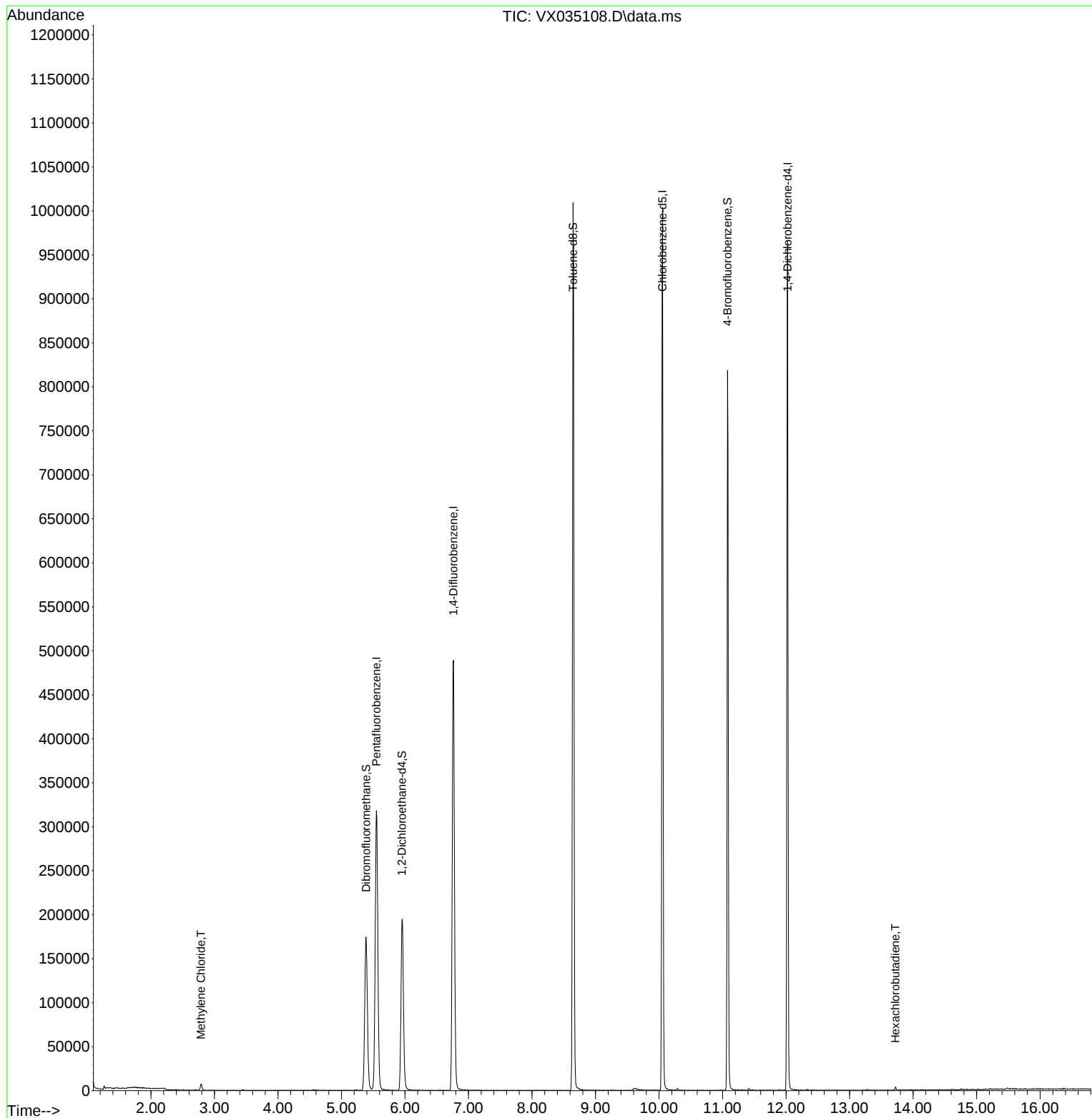
Internal Standards						
1) Pentafluorobenzene	5.550	168	306457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	509596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	454557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	191649	40.891	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.780%		
35) Dibromofluoromethane	5.385	113	154643	45.880	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.760%		
50) Toluene-d8	8.647	98	601337	48.335	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.680%		
62) 4-Bromofluorobenzene	11.079	95	226198	46.984	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.960%		
Target Compounds						
20) Methylene Chloride	2.788	84	3487	0.928	ug/l #	90
94) Hexachlorobutadiene	13.719	225	608	0.359	ug/l	97

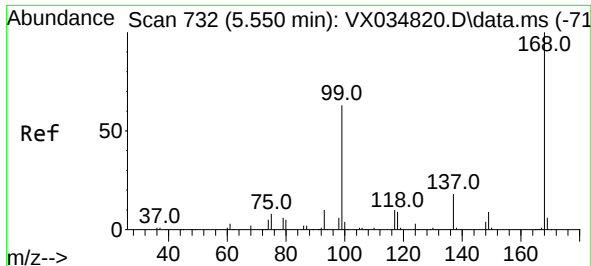
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

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MSVOA_X

ClientSampleId :

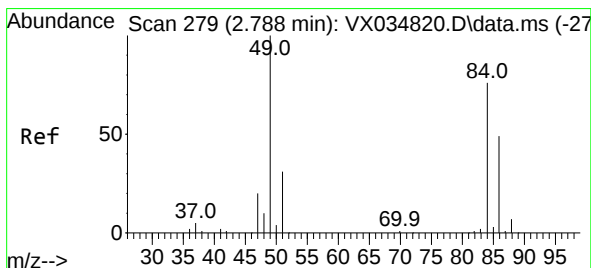
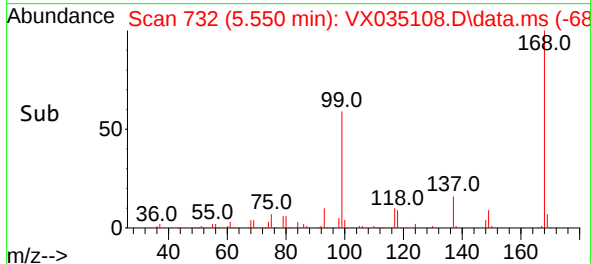
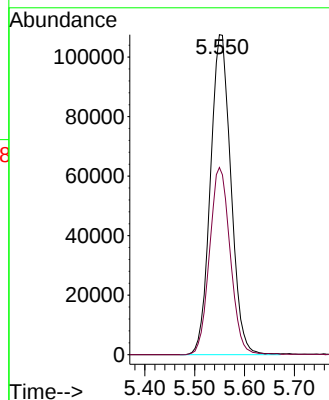
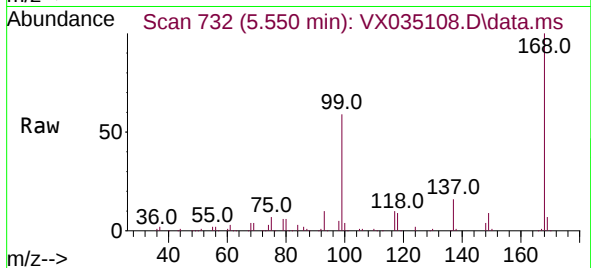
IBLK

Tgt Ion:168 Resp: 306457

Ion Ratio Lower Upper

168 100

99 58.5 45.7 68.5



#20

Methylene Chloride

Concen: 0.928 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX035108.D

Acq: 17 Apr 2023 14:52

Tgt Ion: 84 Resp: 3487

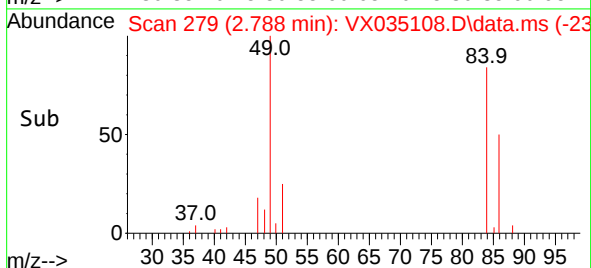
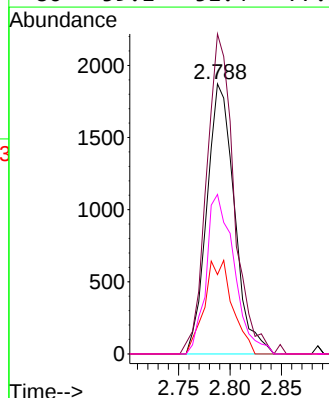
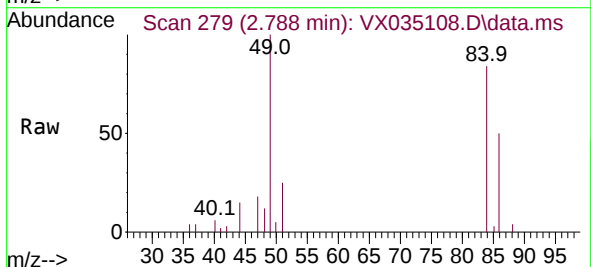
Ion Ratio Lower Upper

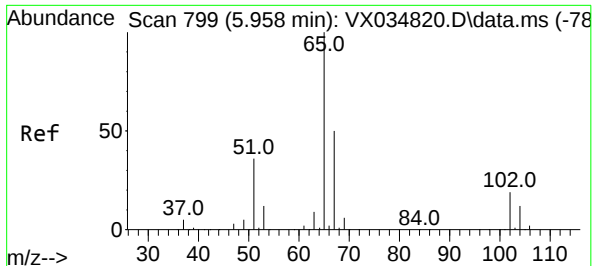
84 100

49 118.5 103.8 155.8

51 29.4 31.8 47.8#

86 59.1 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 40.891 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035108.D

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Instrument :

MSVOA_X

ClientSampleId :

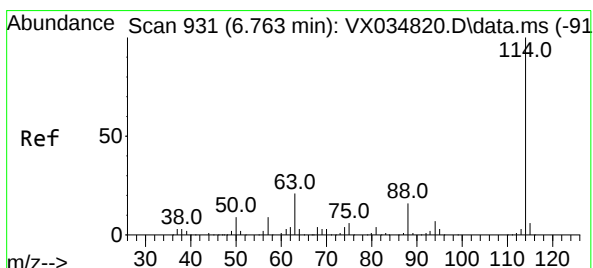
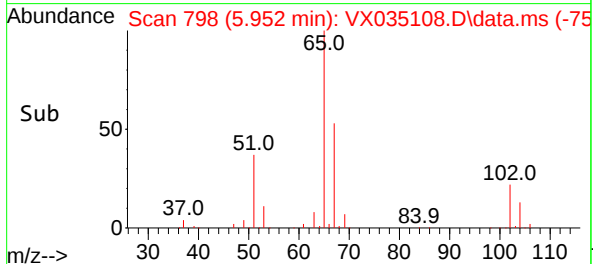
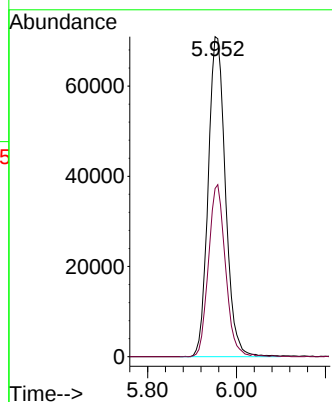
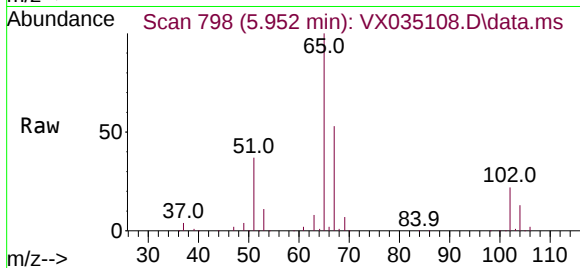
IBLK

Tgt Ion: 65 Resp: 191649

Ion Ratio Lower Upper

65 100

67 53.0 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: VX035108.D

Acq: 17 Apr 2023 14:52

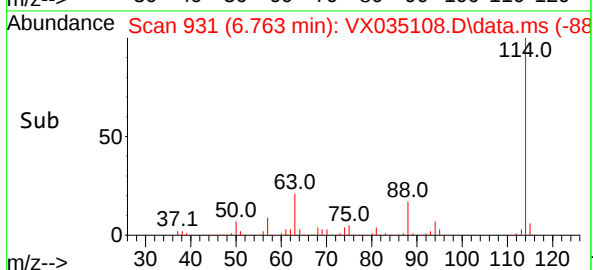
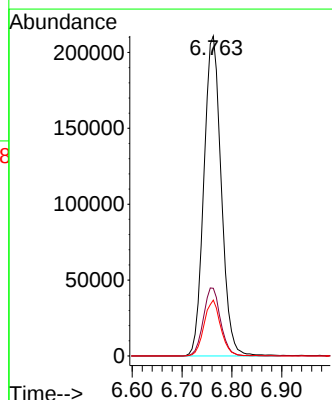
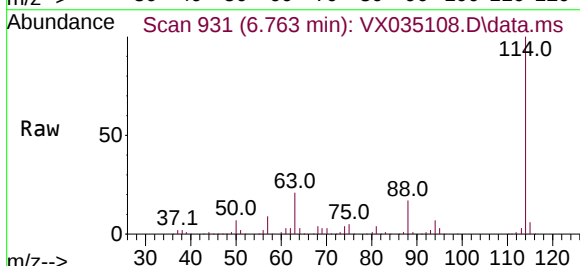
Tgt Ion: 114 Resp: 509596

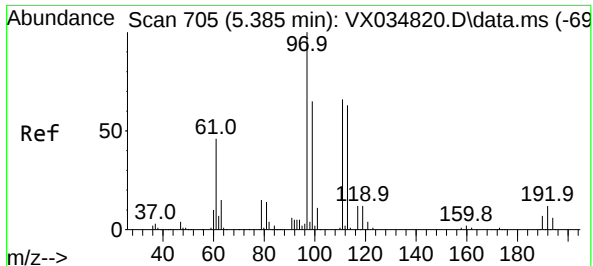
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.2

88 17.5 0.0 33.2

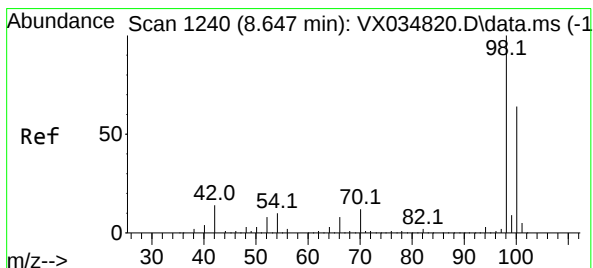
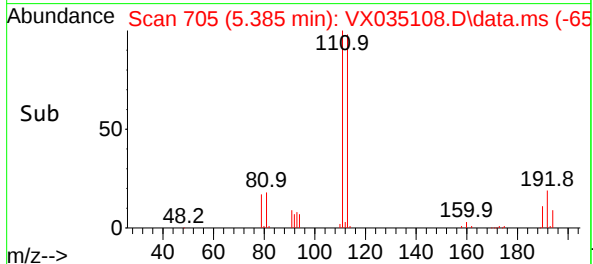
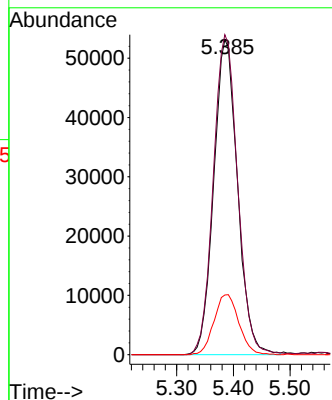
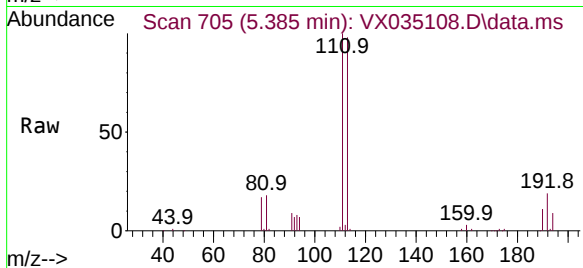




#35
Dibromofluoromethane
Concen: 45.880 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035108.D
Acq: 17 Apr 2023 14:52

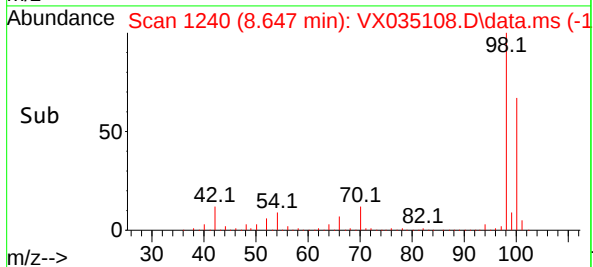
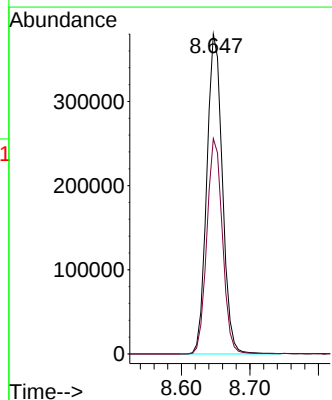
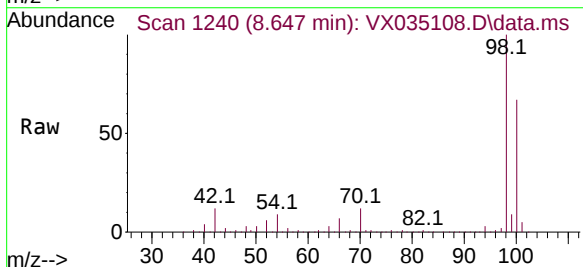
Instrument :
MSVOA_X
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IBLK

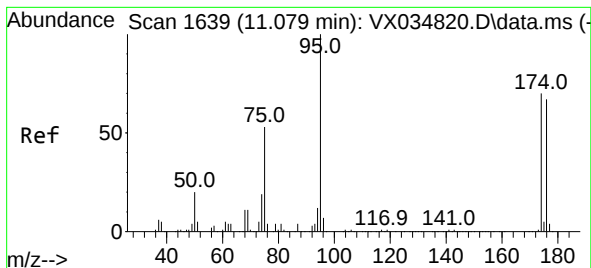
Tgt Ion:113 Resp: 154643
Ion Ratio Lower Upper
113 100
111 103.7 83.7 125.5
192 19.9 15.4 23.2



#50
Toluene-d8
Concen: 48.335 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035108.D
Acq: 17 Apr 2023 14:52

Tgt Ion: 98 Resp: 601337
Ion Ratio Lower Upper
98 100
100 67.3 52.5 78.7

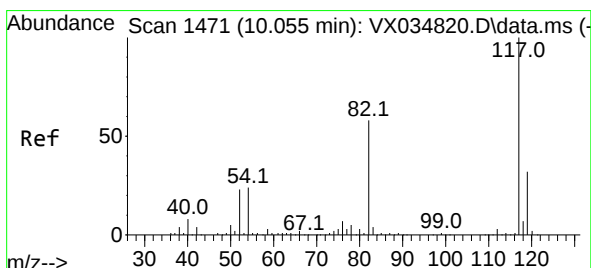
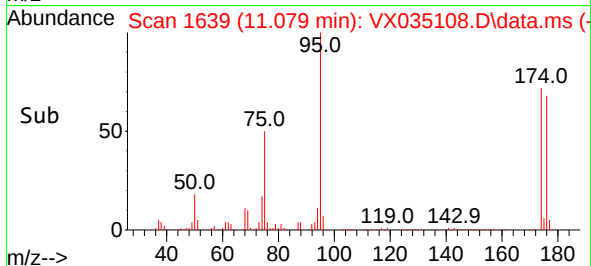
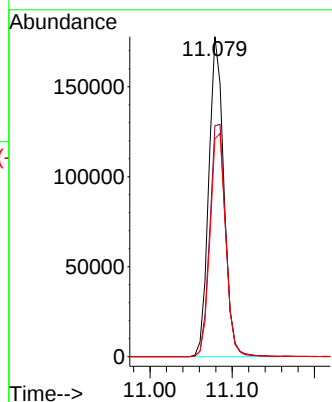
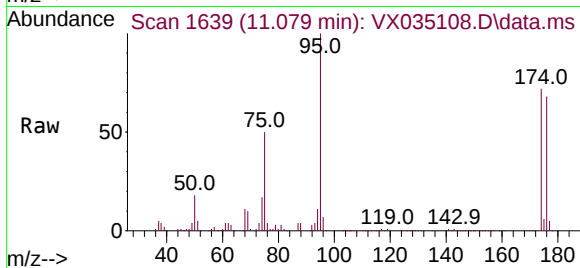




#62
4-Bromofluorobenzene
Concen: 46.984 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035108.D
Acq: 17 Apr 2023 14:52

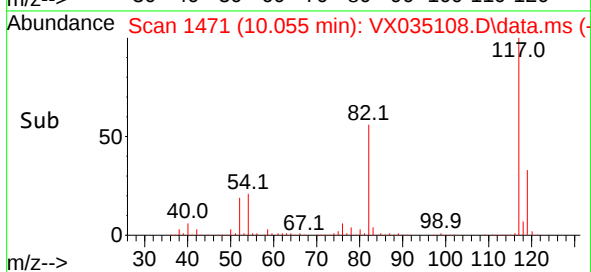
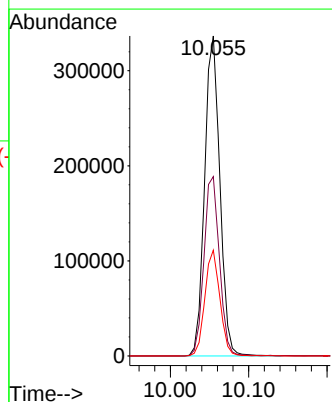
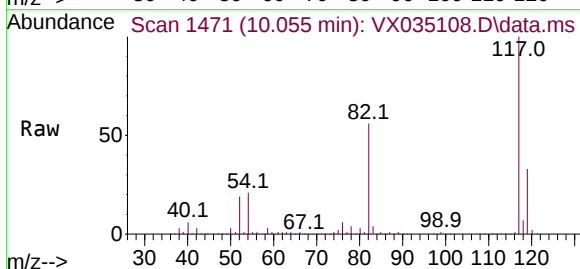
Instrument :
MSVOA_X
ClientSampleId :
IBLK

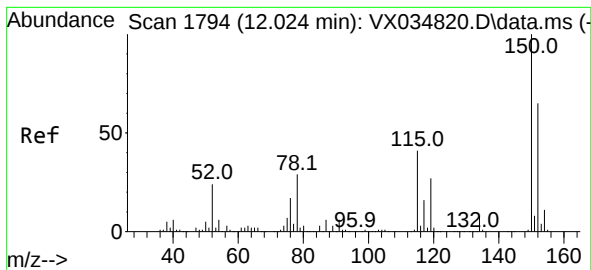
Tgt Ion: 95 Resp: 226198
Ion Ratio Lower Upper
95 100
174 76.2 0.0 147.4
176 72.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035108.D
Acq: 17 Apr 2023 14:52

Tgt Ion: 117 Resp: 454557
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 33.0 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035108.D

Acq: 17 Apr 2023 14:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK

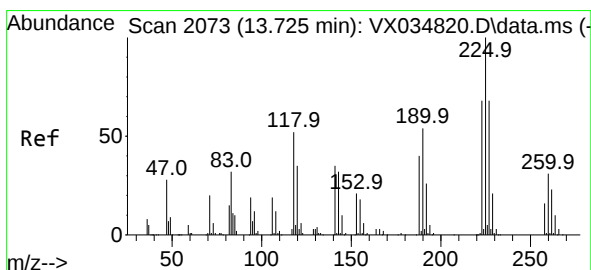
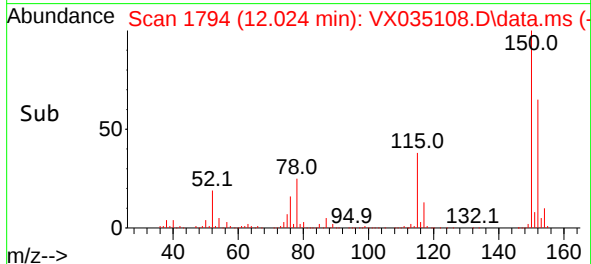
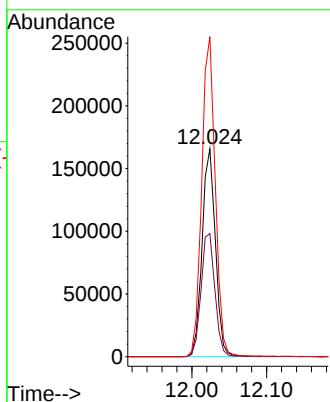
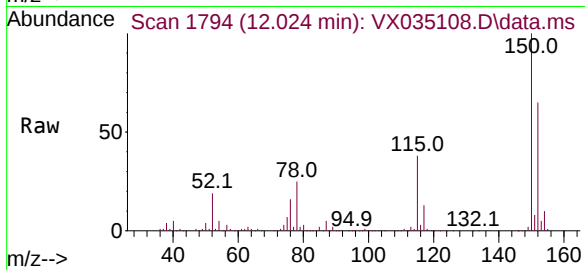
Tgt Ion:152 Resp: 205692

Ion Ratio Lower Upper

152 100

115 61.5 45.0 135.0

150 155.7 0.0 352.4



#94

Hexachlorobutadiene

Concen: 0.359 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX035108.D

Acq: 17 Apr 2023 14:52

Tgt Ion:225 Resp: 608

Ion Ratio Lower Upper

225 100

223 62.3 32.1 96.5

227 60.7 31.8 95.4

