

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037726.D
 Acq On : 14 Sep 2023 13:42
 Operator : JC/MD
 Sample : 04374-06 20X
 Misc : 2.71g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DB-3-(31-33)ME

Quant Time: Sep 15 01:33:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

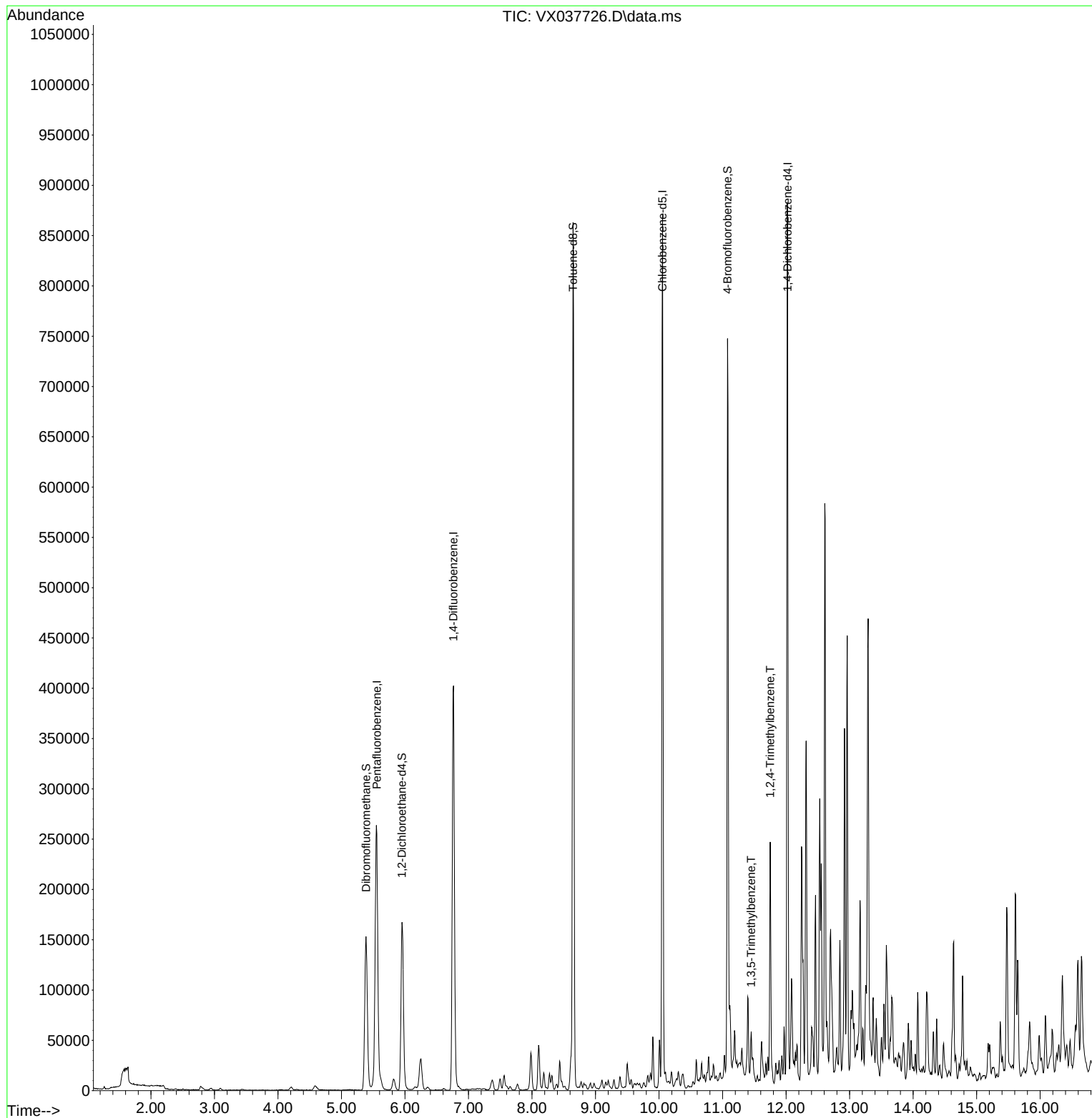
Internal Standards						
1) Pentafluorobenzene	5.556	168	257036	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	426844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163930	39.419	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	78.840%
35) Dibromofluoromethane	5.385	113	134413	44.426	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.860%
50) Toluene-d8	8.647	98	513370	44.991	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.980%#
62) 4-Bromofluorobenzene	11.079	95	186224	45.237	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.480%
Target Compounds						
					Qvalue	
80) 1,3,5-Trimethylbenzene	11.451	105	20113	1.737	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	91067	7.800	ug/l	97

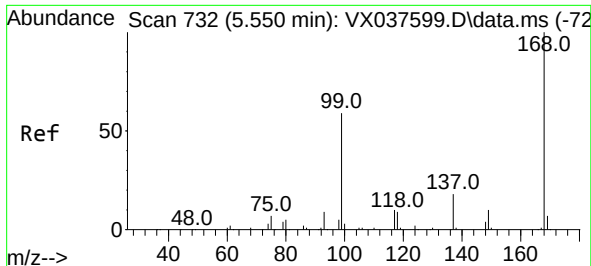
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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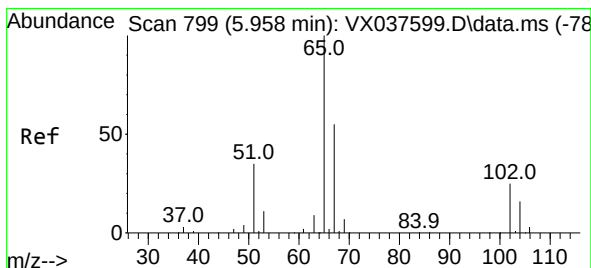
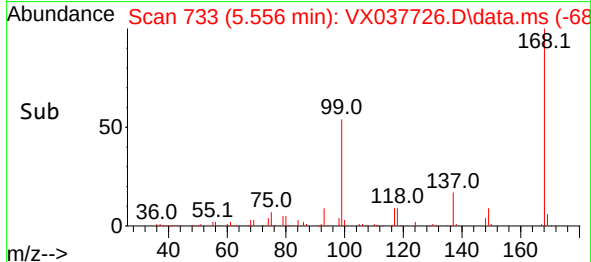
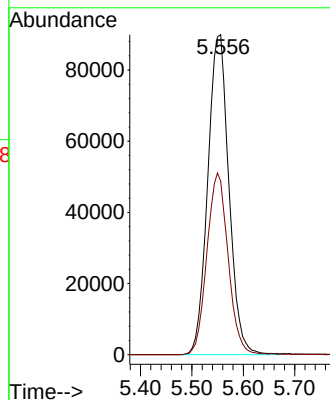
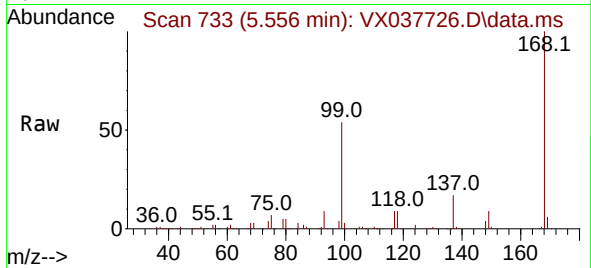




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037726.D
Acq: 14 Sep 2023 13:42

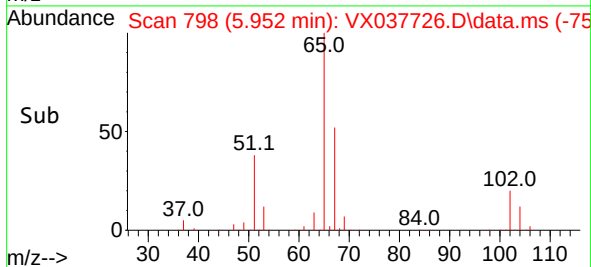
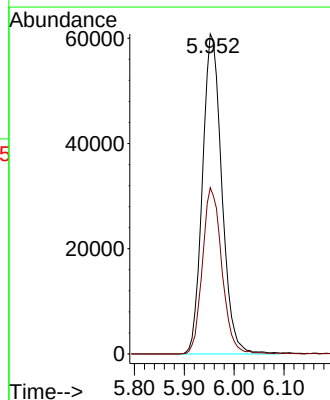
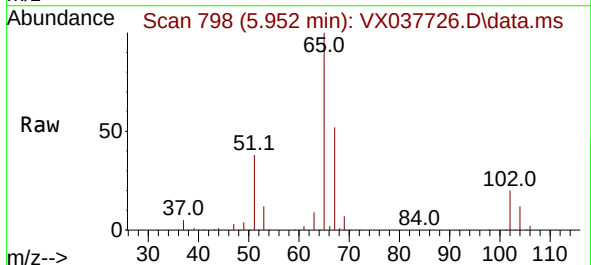
Instrument :
MSVOA_X
ClientSampleId :
DB-3-(31-33)ME

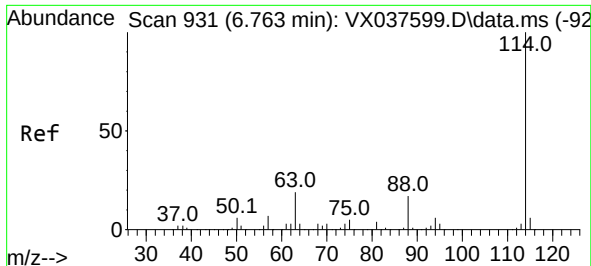
Tgt Ion:168 Resp: 257036
Ion Ratio Lower Upper
168 100
99 54.3 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 39.419 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037726.D
Acq: 14 Sep 2023 13:42

Tgt Ion: 65 Resp: 163930
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

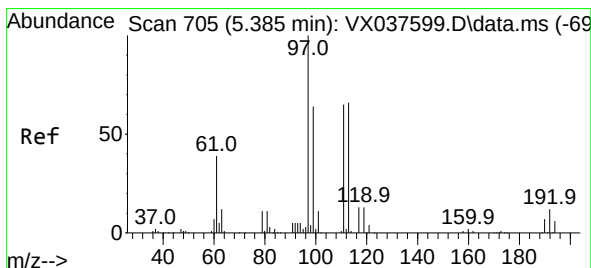
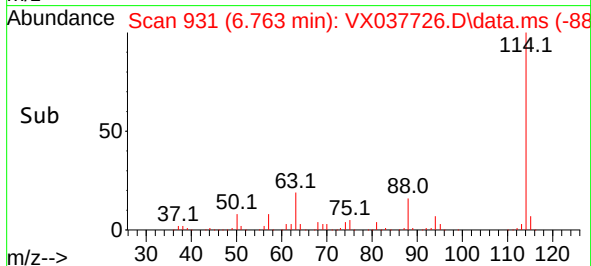
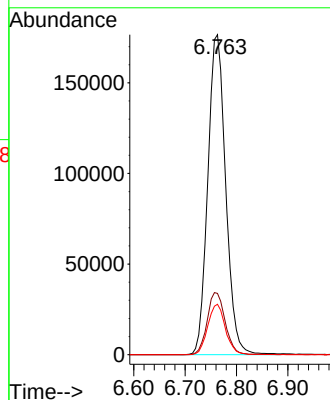
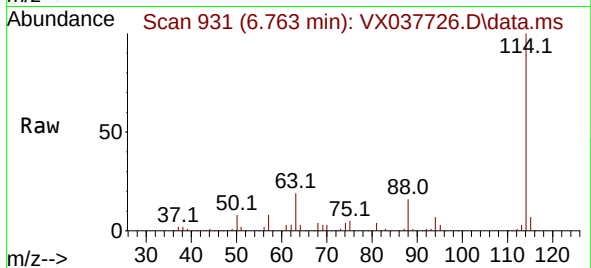




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037726.D
Acq: 14 Sep 2023 13:42

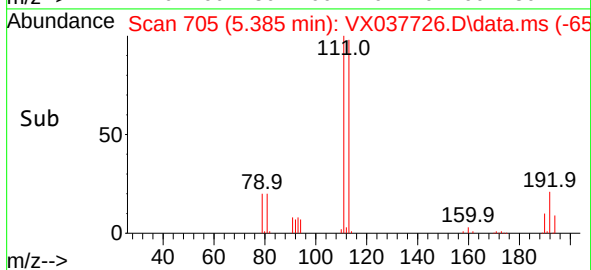
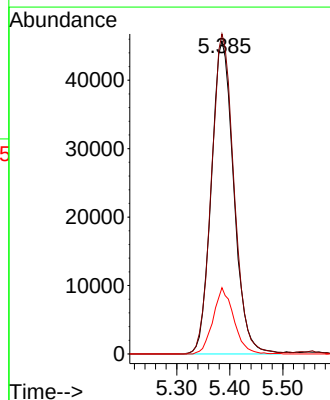
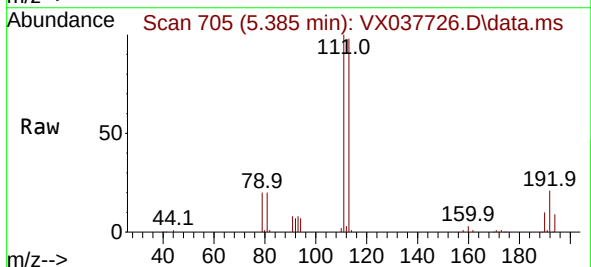
Instrument :
MSVOA_X
ClientSampleId :
DB-3-(31-33)ME

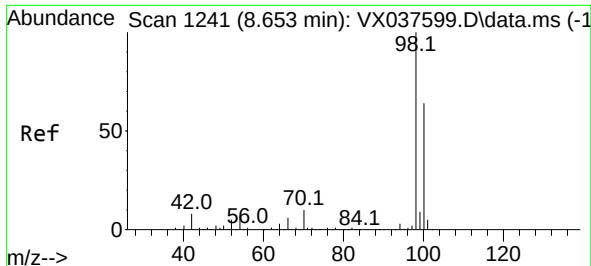
Tgt Ion:114 Resp: 426844
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.426 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037726.D
Acq: 14 Sep 2023 13:42

Tgt Ion:113 Resp: 134413
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 19.5 13.3 19.9

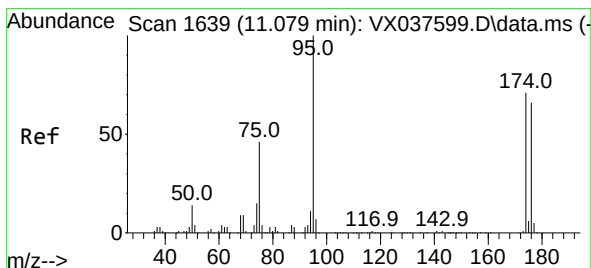
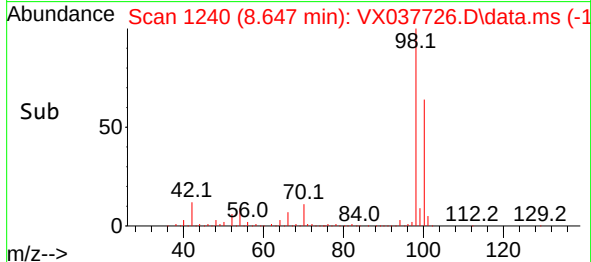
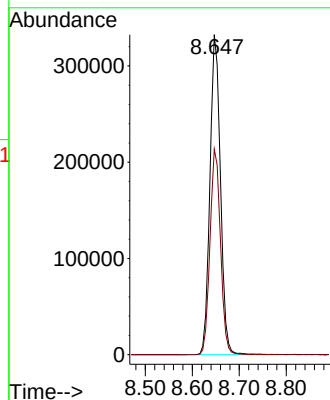
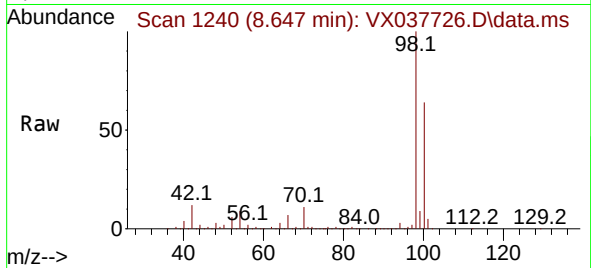




#50
Toluene-d8
Concen: 44.991 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037726.D
Acq: 14 Sep 2023 13:42

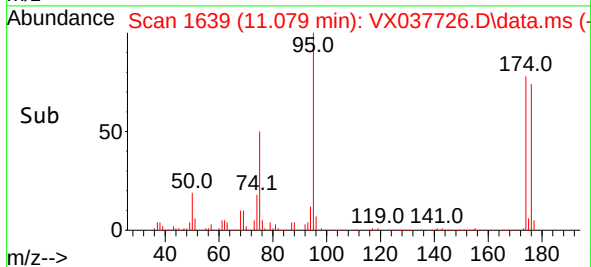
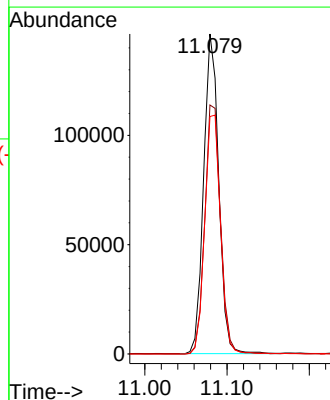
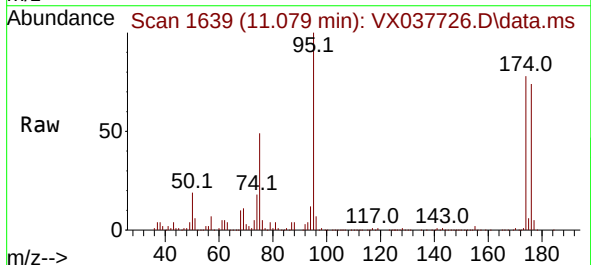
Instrument :
MSVOA_X
ClientSampleId :
DB-3-(31-33)ME

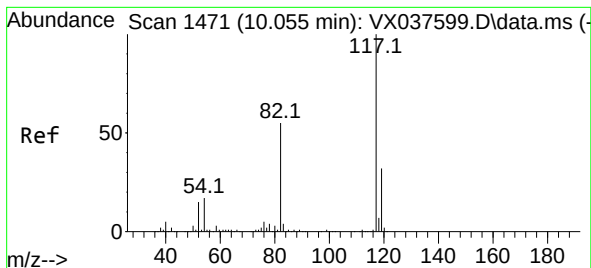
Tgt Ion: 98 Resp: 513370
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.237 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037726.D
Acq: 14 Sep 2023 13:42

Tgt Ion: 95 Resp: 186224
Ion Ratio Lower Upper
95 100
174 81.5 0.0 135.6
176 78.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX037726.D

Acq: 14 Sep 2023 13:42

Instrument :

MSVOA_X

ClientSampleId :

DB-3-(31-33)ME

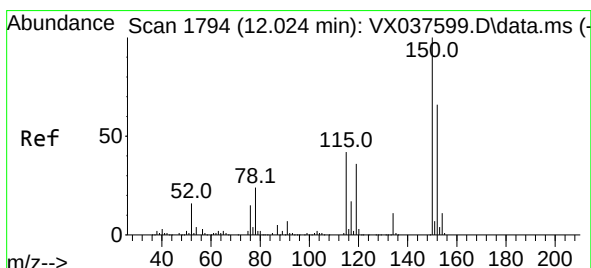
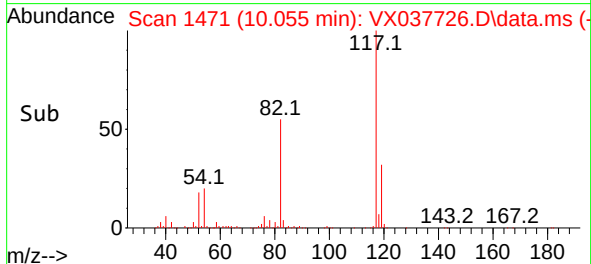
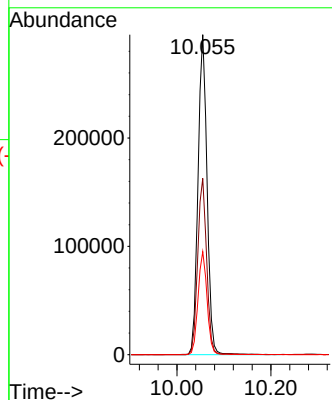
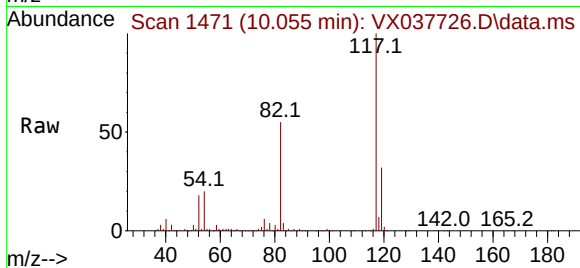
Tgt Ion:117 Resp: 396953

Ion Ratio Lower Upper

117 100

82 55.0 46.2 69.4

119 32.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037726.D

Acq: 14 Sep 2023 13:42

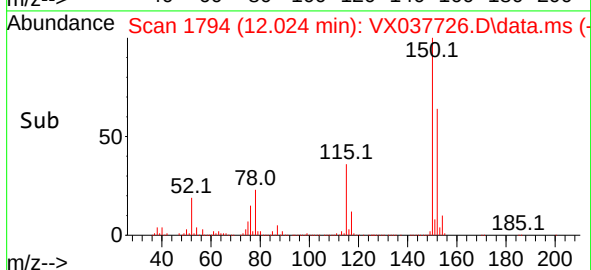
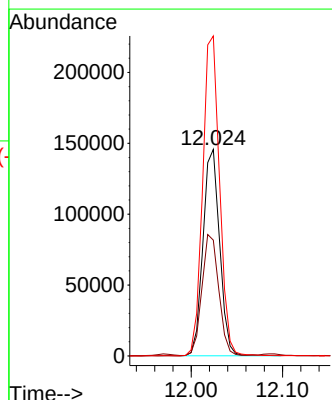
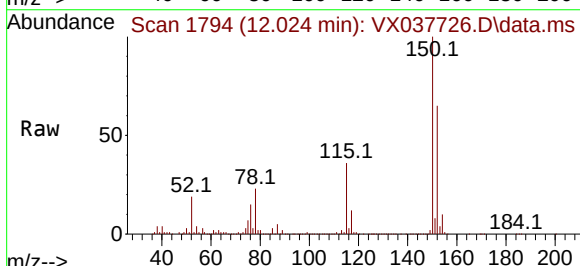
Tgt Ion:152 Resp: 184033

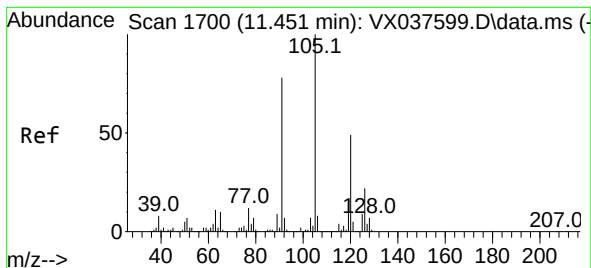
Ion Ratio Lower Upper

152 100

115 58.9 43.3 129.9

150 157.3 0.0 345.0





#80

1,3,5-Trimethylbenzene

Concen: 1.737 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037726.D

Acq: 14 Sep 2023 13:42

Instrument :

MSVOA_X

ClientSampleId :

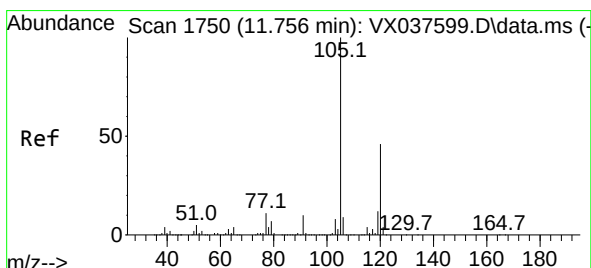
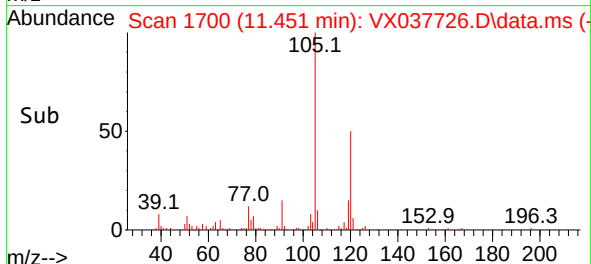
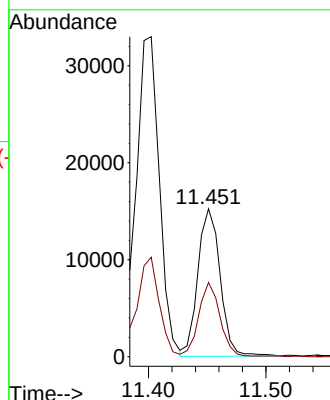
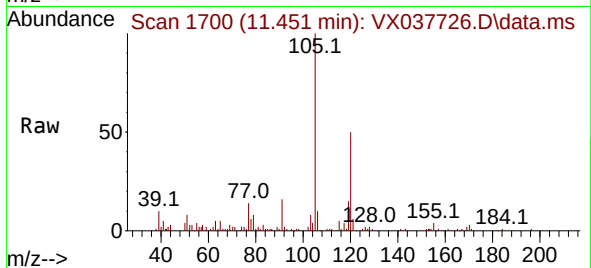
DB-3-(31-33)ME

Tgt Ion:105 Resp: 20113

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 7.800 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037726.D

Acq: 14 Sep 2023 13:42

Tgt Ion:105 Resp: 91067

Ion Ratio Lower Upper

105 100

120 44.2 21.2 63.6

