

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039548.D
 Acq On : 29 Dec 2023 16:17
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 30 03:35:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

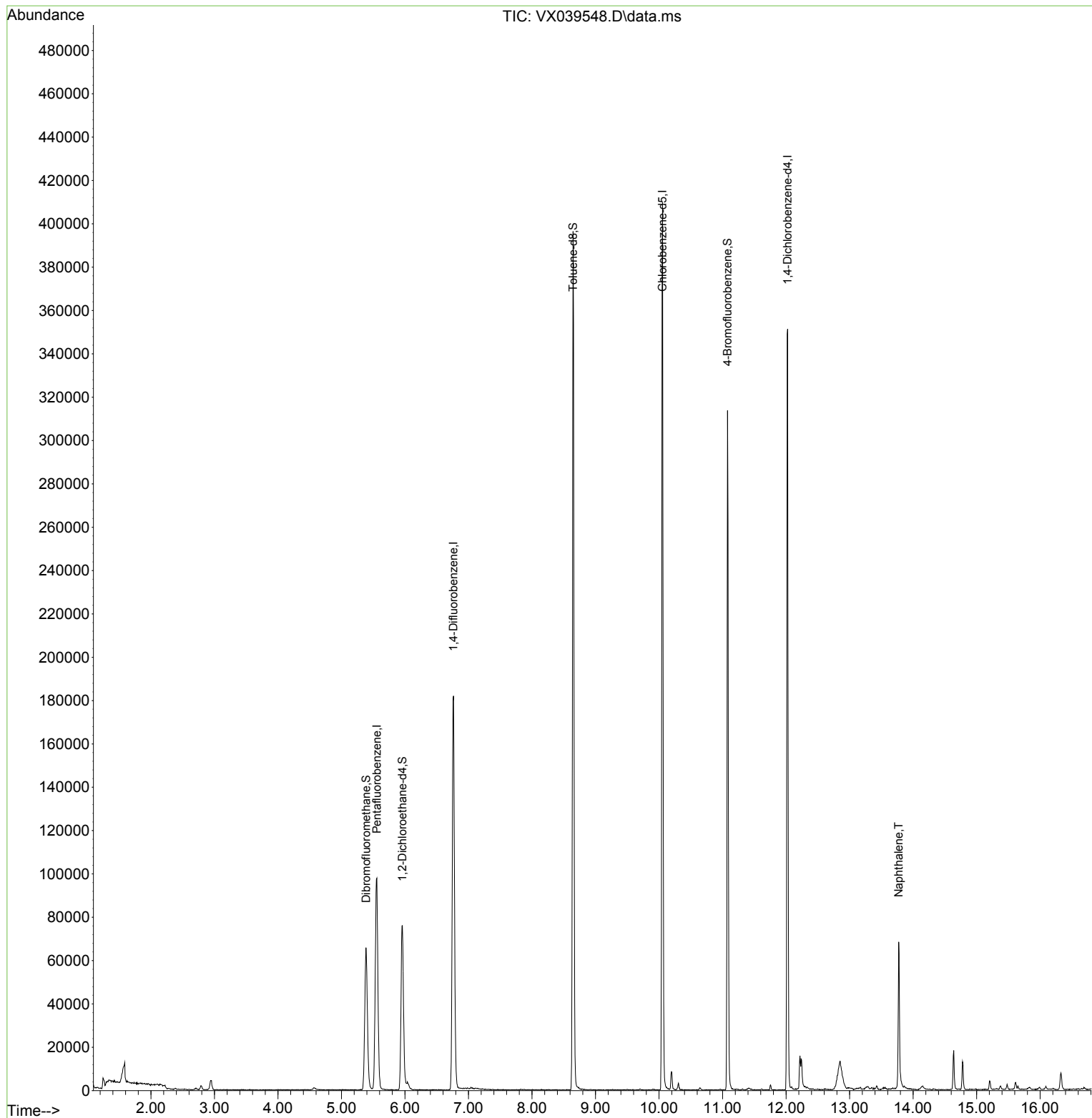
Internal Standards						
1) Pentafluorobenzene	5.556	168	85686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75607	48.166	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.340%
35) Dibromofluoromethane	5.385	113	57333	45.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.760%
50) Toluene-d8	8.647	98	227620	49.066	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.140%
62) 4-Bromofluorobenzene	11.079	95	86288	45.081	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.160%
Target Compounds						
					Qvalue	
95) Naphthalene	13.774	128	48762	9.760	ug/l	98

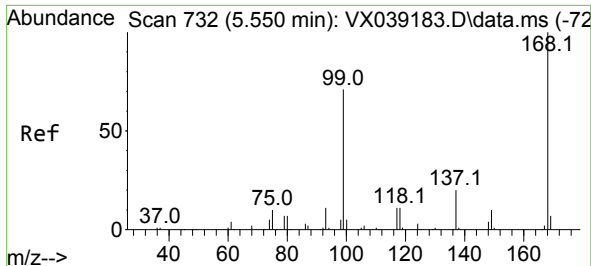
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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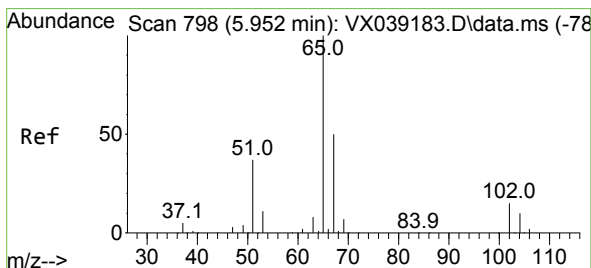
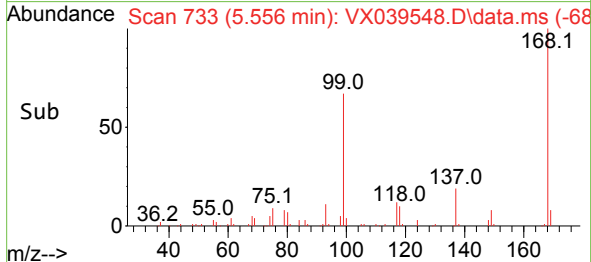
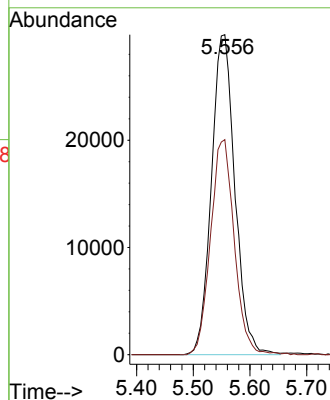
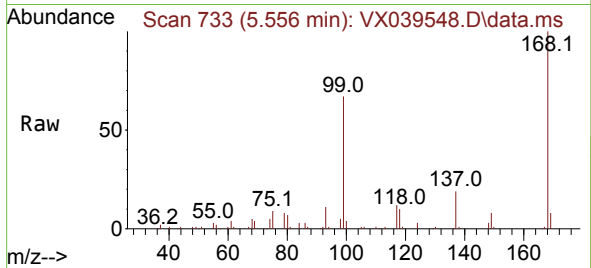




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

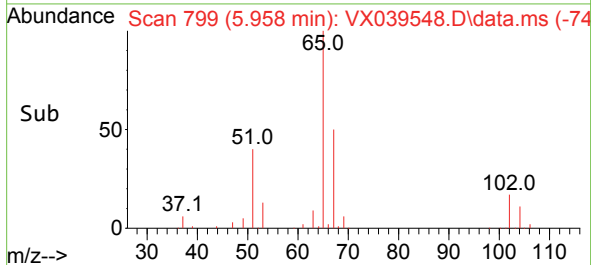
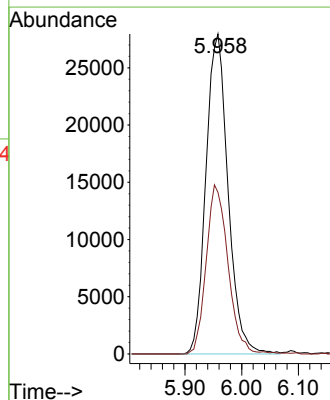
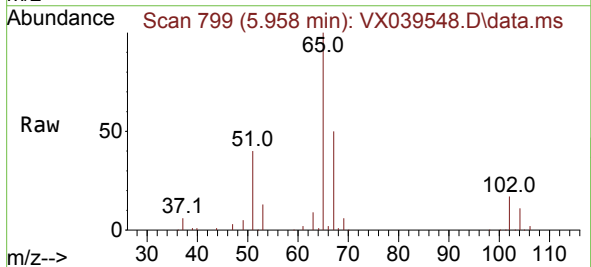
Instrument :
MSVOA_X
ClientSampleId :
IBLK

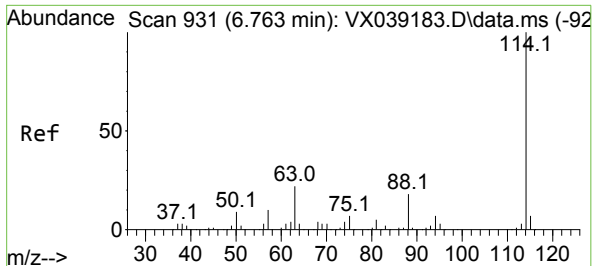
Tgt Ion:168 Resp: 85686
Ion Ratio Lower Upper
168 100
99 67.2 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 48.166 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

Tgt Ion: 65 Resp: 75607
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX039548.D

Acq: 29 Dec 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

IBLK

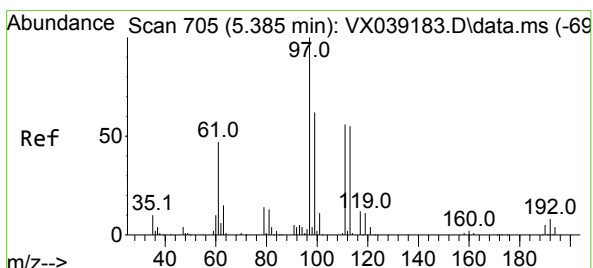
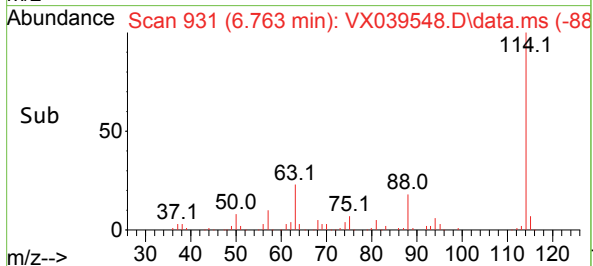
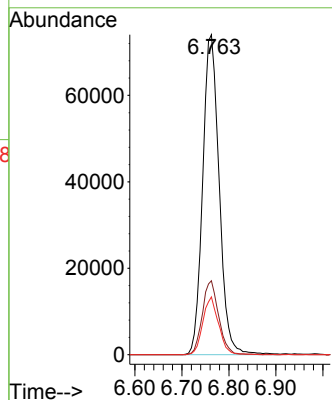
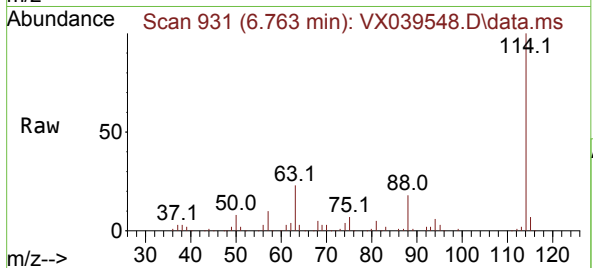
Tgt Ion:114 Resp: 180874

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.0

88 18.1 0.0 36.6



#35

Dibromofluoromethane

Concen: 45.882 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039548.D

Acq: 29 Dec 2023 16:17

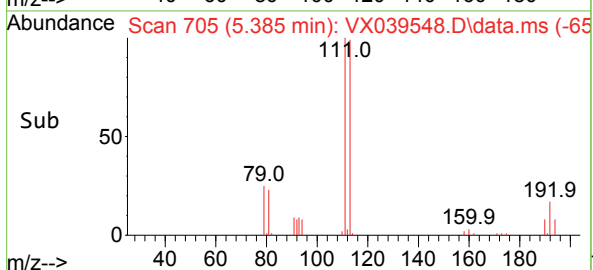
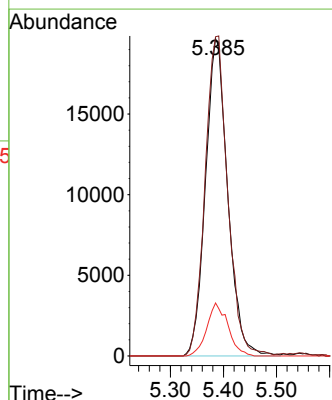
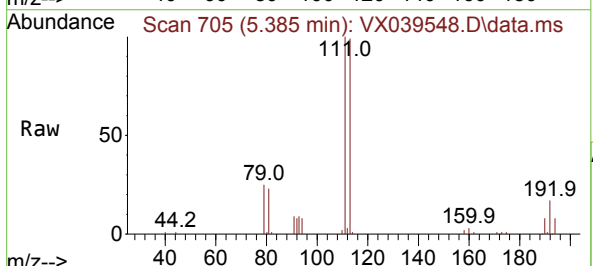
Tgt Ion:113 Resp: 57333

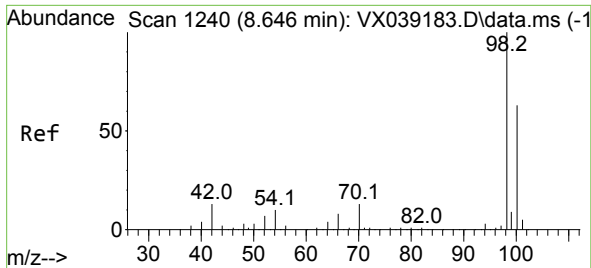
Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

192 15.9 13.3 19.9

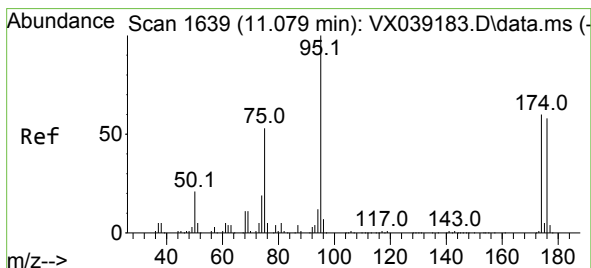
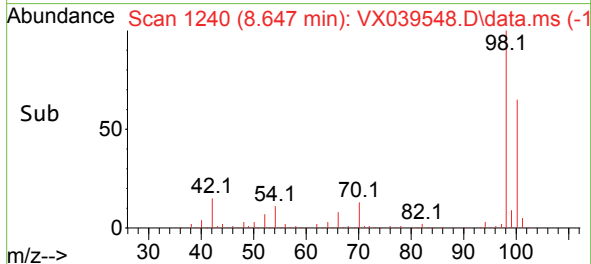
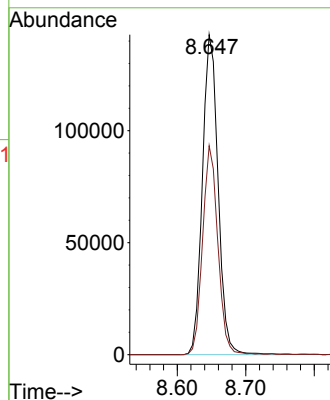
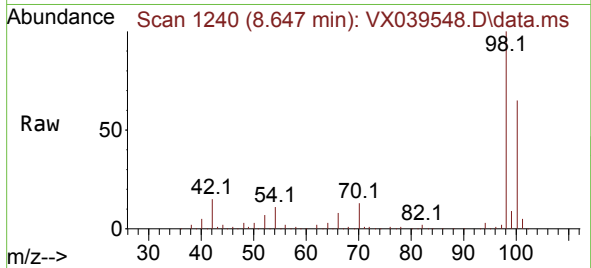




#50
Toluene-d8
Concen: 49.066 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

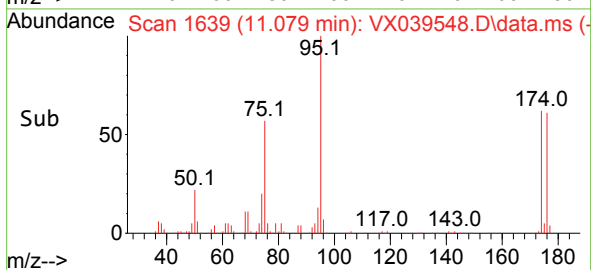
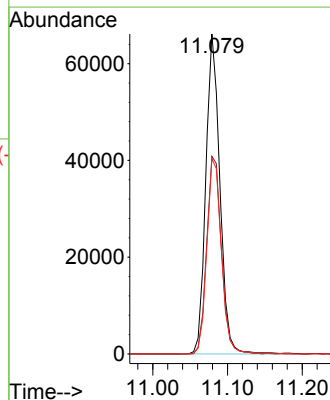
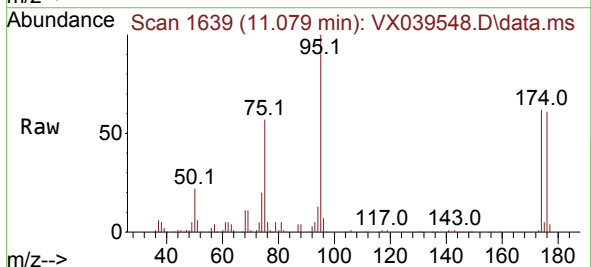
Instrument :
MSVOA_X
ClientSampleId :
IBLK

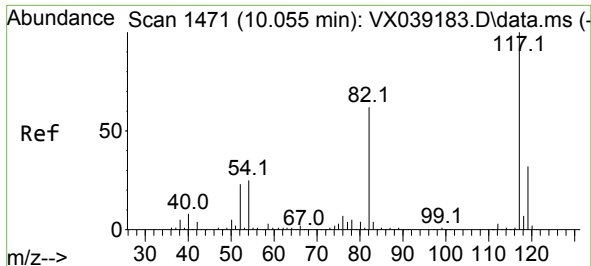
Tgt Ion: 98 Resp: 227620
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.081 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

Tgt Ion: 95 Resp: 86288
Ion Ratio Lower Upper
95 100
174 65.2 0.0 135.6
176 62.7 0.0 131.0

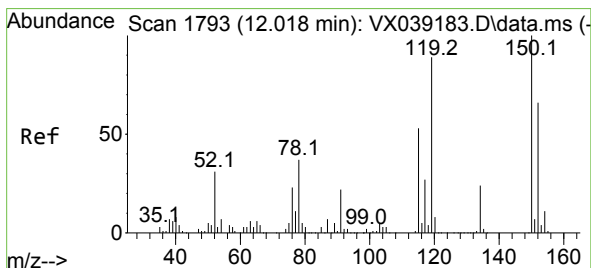
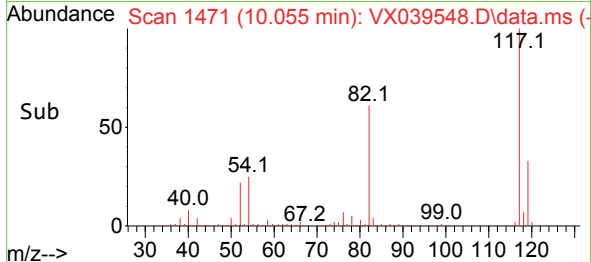
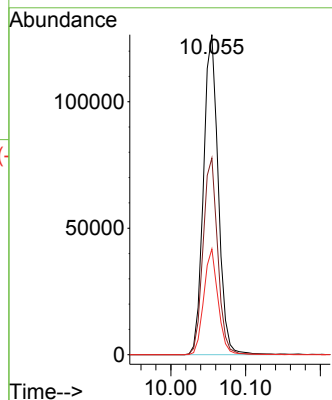
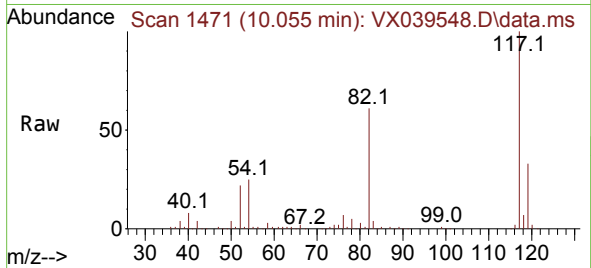




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

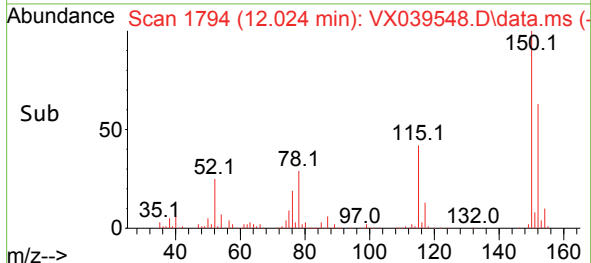
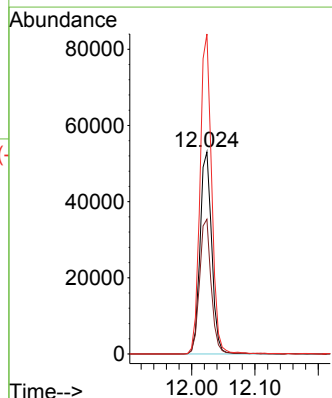
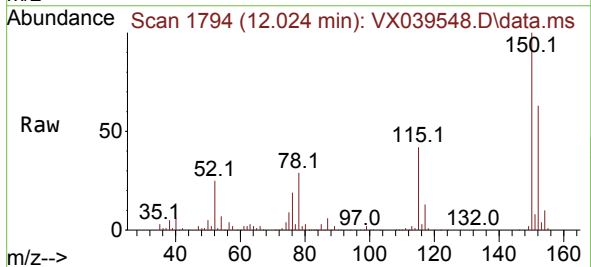
Instrument :
MSVOA_X
ClientSampleId :
IBLK

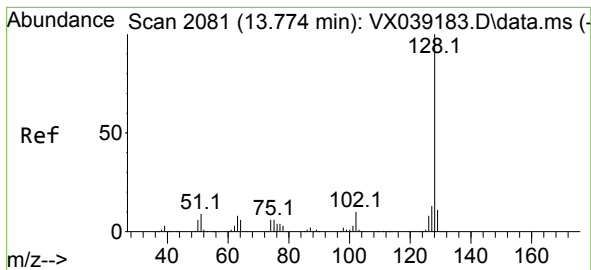
Tgt Ion:117 Resp: 173495
Ion Ratio Lower Upper
117 100
82 61.5 46.2 69.4
119 33.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039548.D
Acq: 29 Dec 2023 16:17

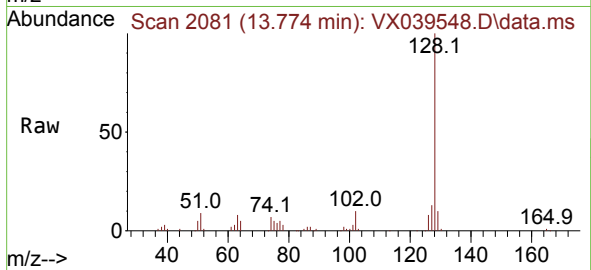
Tgt Ion:152 Resp: 68317
Ion Ratio Lower Upper
152 100
115 66.5 43.3 129.9
150 157.4 0.0 345.0





#95
Naphthalene
Concen: 9.760 ug/l
RT: 13.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX039548.D
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Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	48762
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	9.8	8.8	13.2

