

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
 Data File : VX030375.D
 Acq On : 03 Aug 2022 16:57
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 04 04:43:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

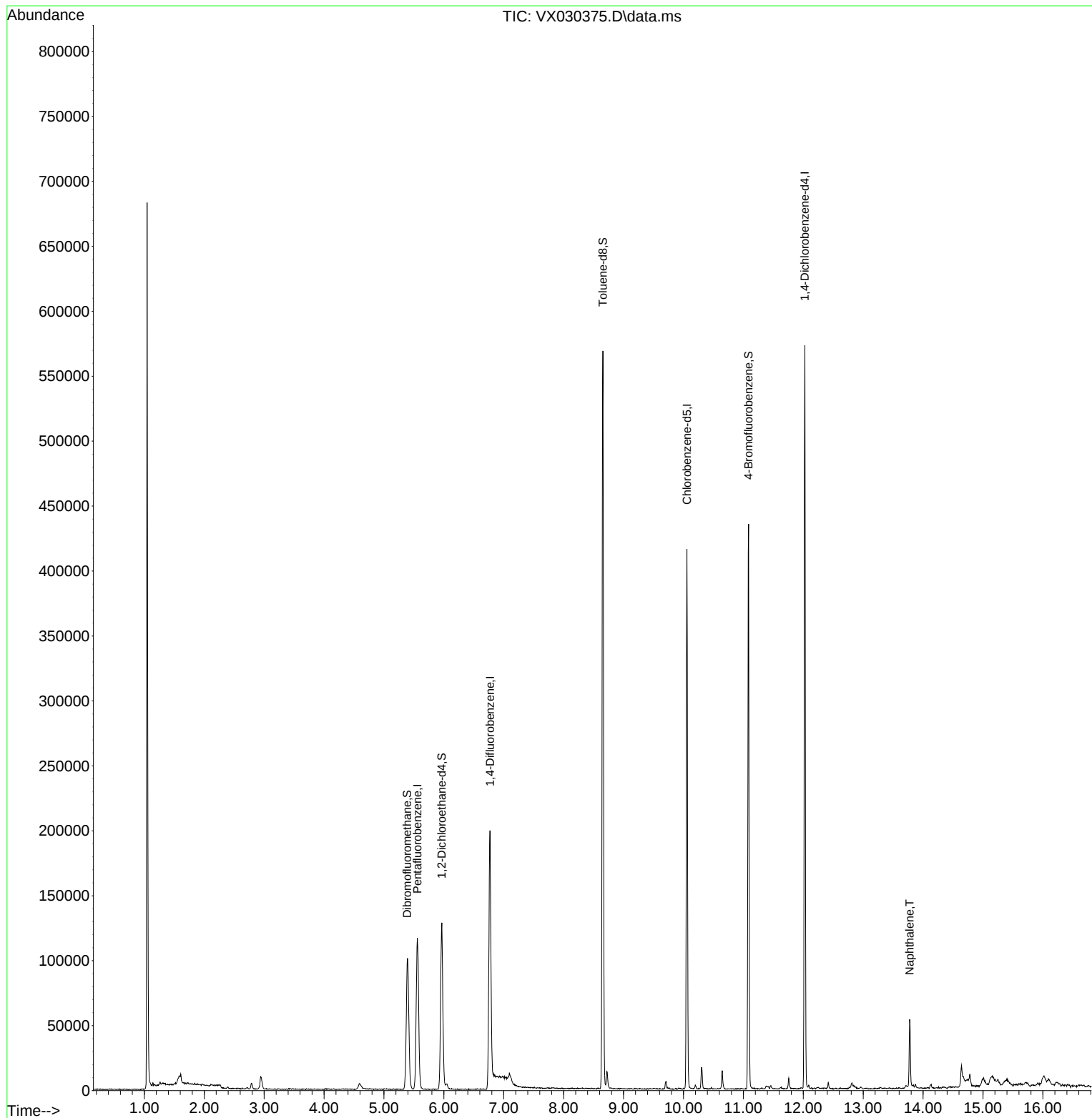
Internal Standards						
1) Pentafluorobenzene	5.557	168	103227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.770	114	189111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.056	117	177614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.026	152	107689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.966	65	122975	59.271	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.540%
35) Dibromofluoromethane	5.386	113	88805	49.123	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	8.654	98	331872	47.404	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.800%
62) 4-Bromofluorobenzene	11.087	95	118047	45.433	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.860%
Target Compounds						
95) Naphthalene	13.775	128	36012	4.221	ug/l	Qvalue 99

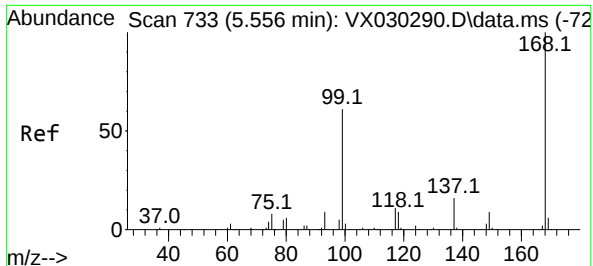
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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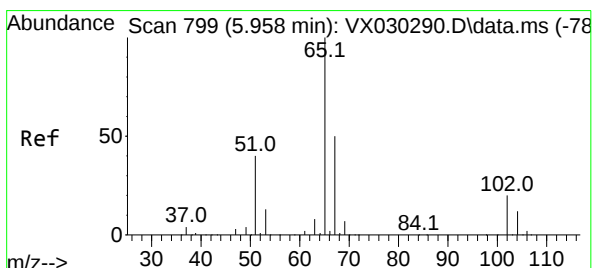
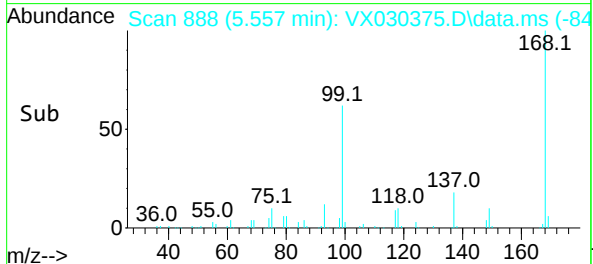
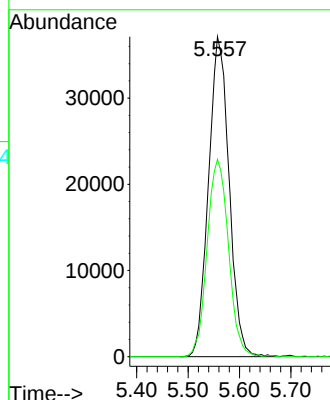
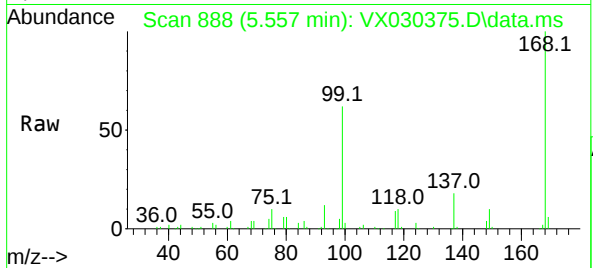




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.557 min Scan# 81
Delta R.T. -0.005 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

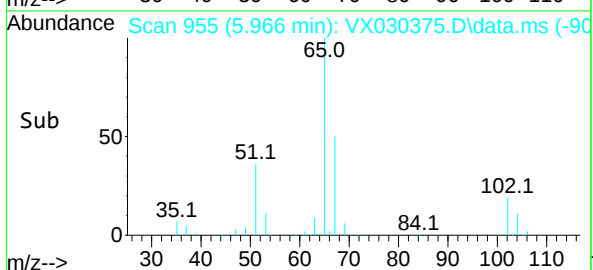
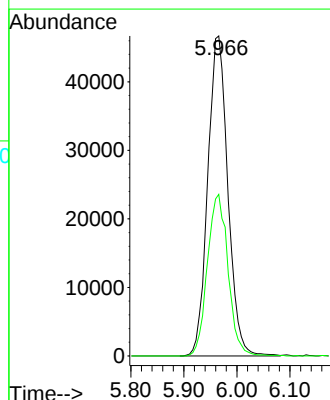
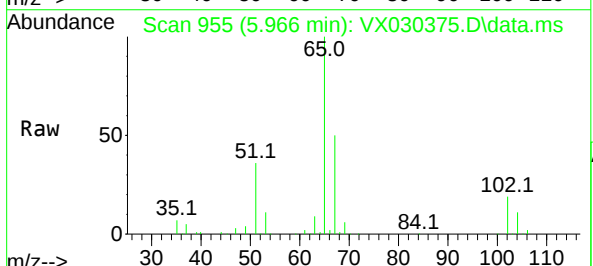
Instrument :
MSVOA_X
ClientSampleId :
IBLK

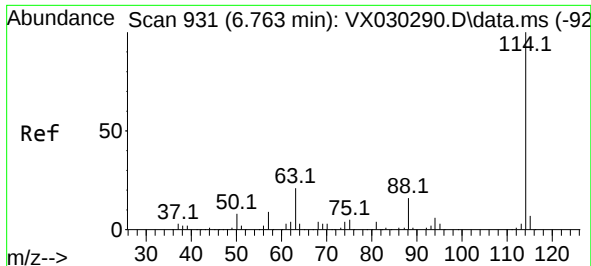
Tgt Ion:168 Resp: 103227
Ion Ratio Lower Upper
168 100
99 61.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 59.271 ug/l
RT: 5.966 min Scan# 955
Delta R.T. 0.002 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

Tgt Ion: 65 Resp: 122975
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6

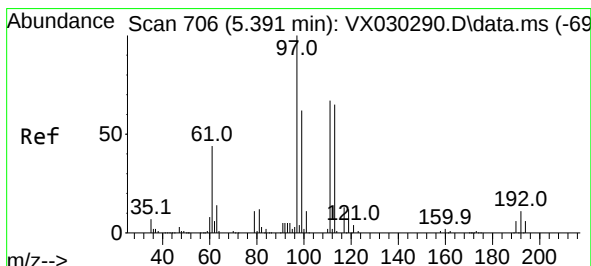
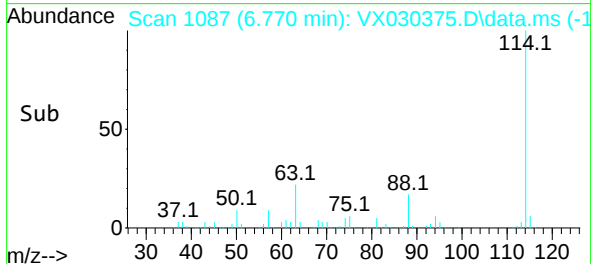
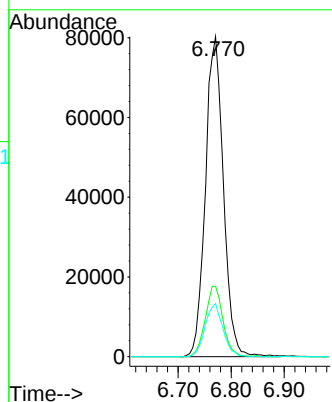
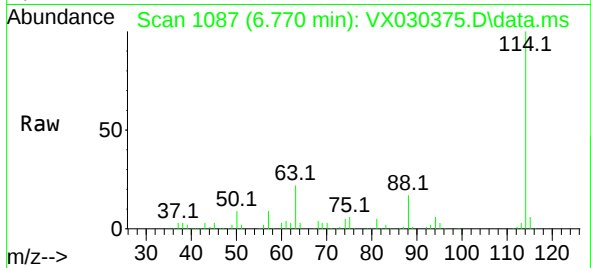




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.770 min Scan# 1087
Delta R.T. 0.001 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

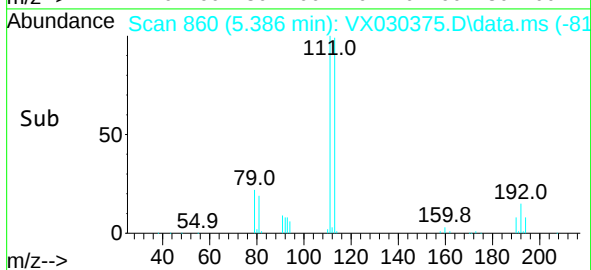
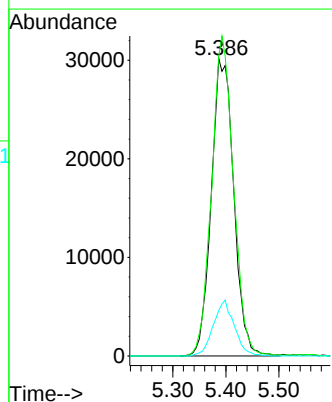
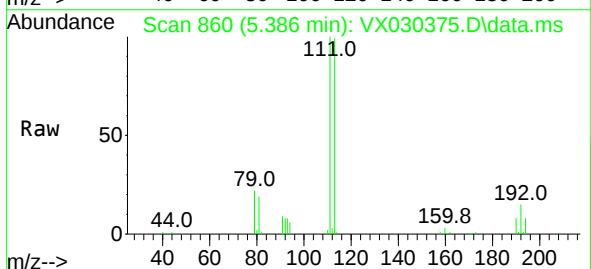
Instrument :
MSVOA_X
ClientSampleId :
IBLK

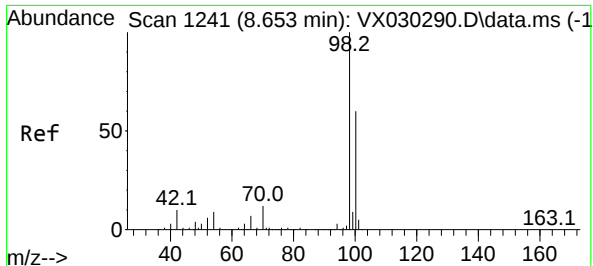
Tgt Ion:114 Resp: 189111
Ion Ratio Lower Upper
114 100
63 22.0 0.0 38.4
88 16.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.123 ug/l
RT: 5.386 min Scan# 860
Delta R.T. -0.005 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

Tgt Ion:113 Resp: 88805
Ion Ratio Lower Upper
113 100
111 104.6 83.2 124.8
192 17.5 14.8 22.2

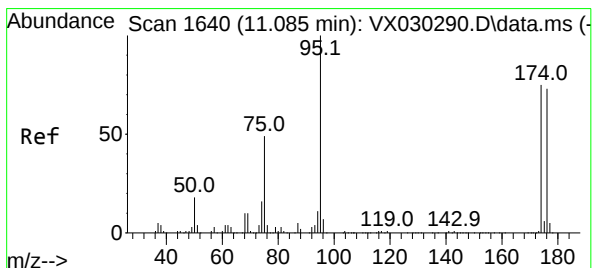
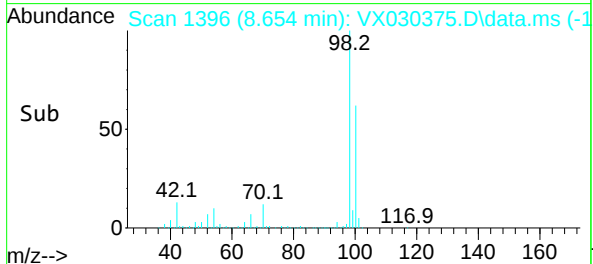
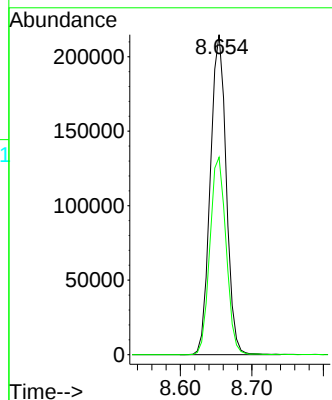
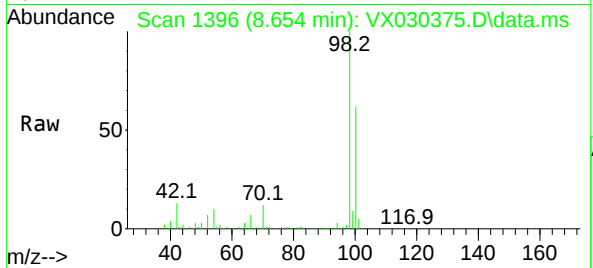




#50
Toluene-d8
Concen: 47.404 ug/l
RT: 8.654 min Scan# 11
Delta R.T. 0.002 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

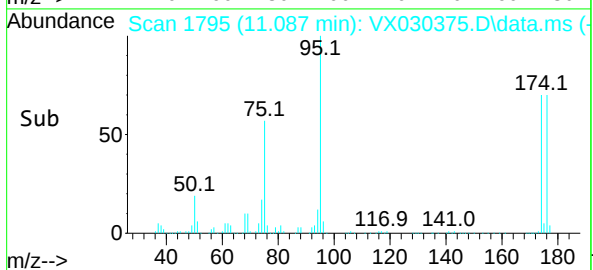
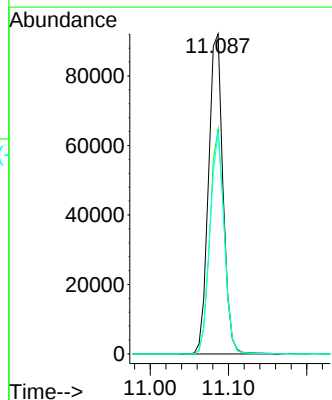
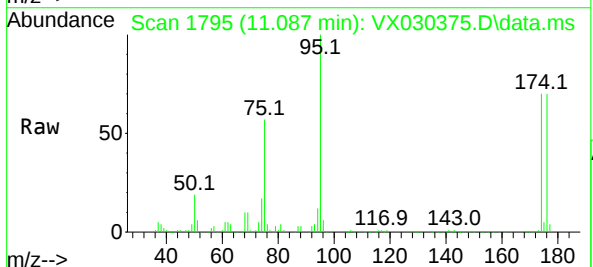
Instrument :
MSVOA_X
ClientSampleId :
IBLK

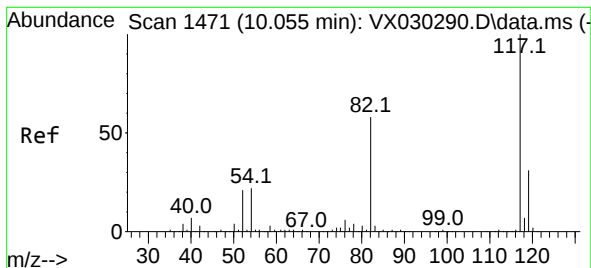
Tgt Ion: 98 Resp: 331872
Ion Ratio Lower Upper
98 100
100 62.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.433 ug/l
RT: 11.087 min Scan# 1795
Delta R.T. 0.002 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

Tgt Ion: 95 Resp: 118047
Ion Ratio Lower Upper
95 100
174 69.7 0.0 149.0
176 68.0 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.056 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX030375.D

Acq: 03 Aug 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

IBLK

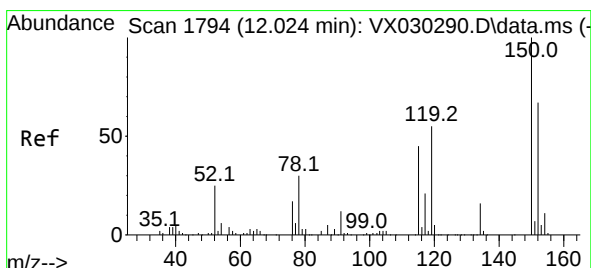
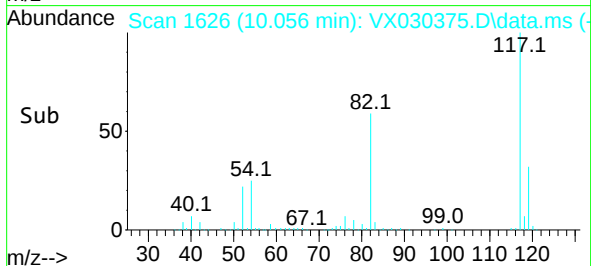
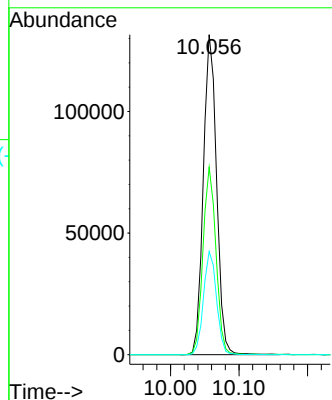
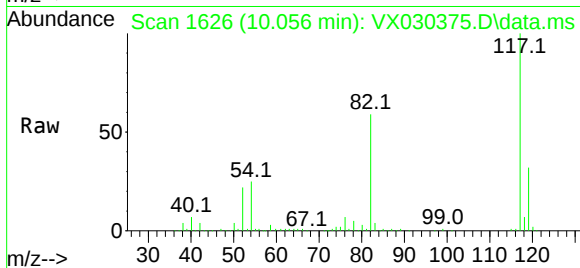
Tgt Ion:117 Resp: 177614

Ion Ratio Lower Upper

117 100

82 58.6 42.7 64.1

119 32.2 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.026 min Scan# 1949

Delta R.T. 0.002 min

Lab File: VX030375.D

Acq: 03 Aug 2022 16:57

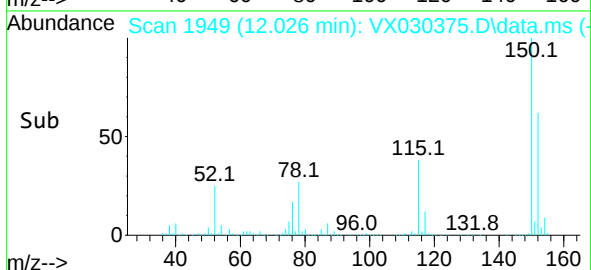
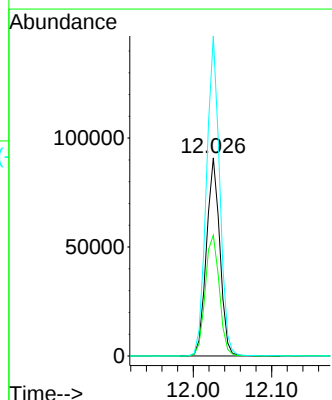
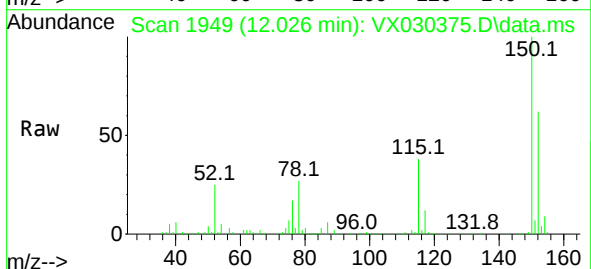
Tgt Ion:152 Resp: 107689

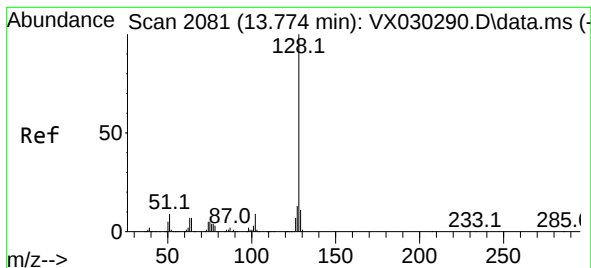
Ion Ratio Lower Upper

152 100

115 64.1 40.5 121.5

150 159.3 0.0 347.0





#95

Naphthalene

Concen: 4.221 ug/l

RT: 13.775 min Scan# 21

Delta R.T. -0.005 min

Lab File: VX030375.D

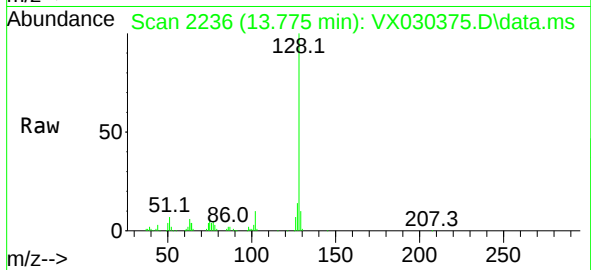
Acq: 03 Aug 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 36012

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.8 8.6 13.0

