

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035872.D
 Acq On : 25 May 2023 22:34
 Operator : JC/MD
 Sample : 02911-18 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20230522

Quant Time: May 26 07:26:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

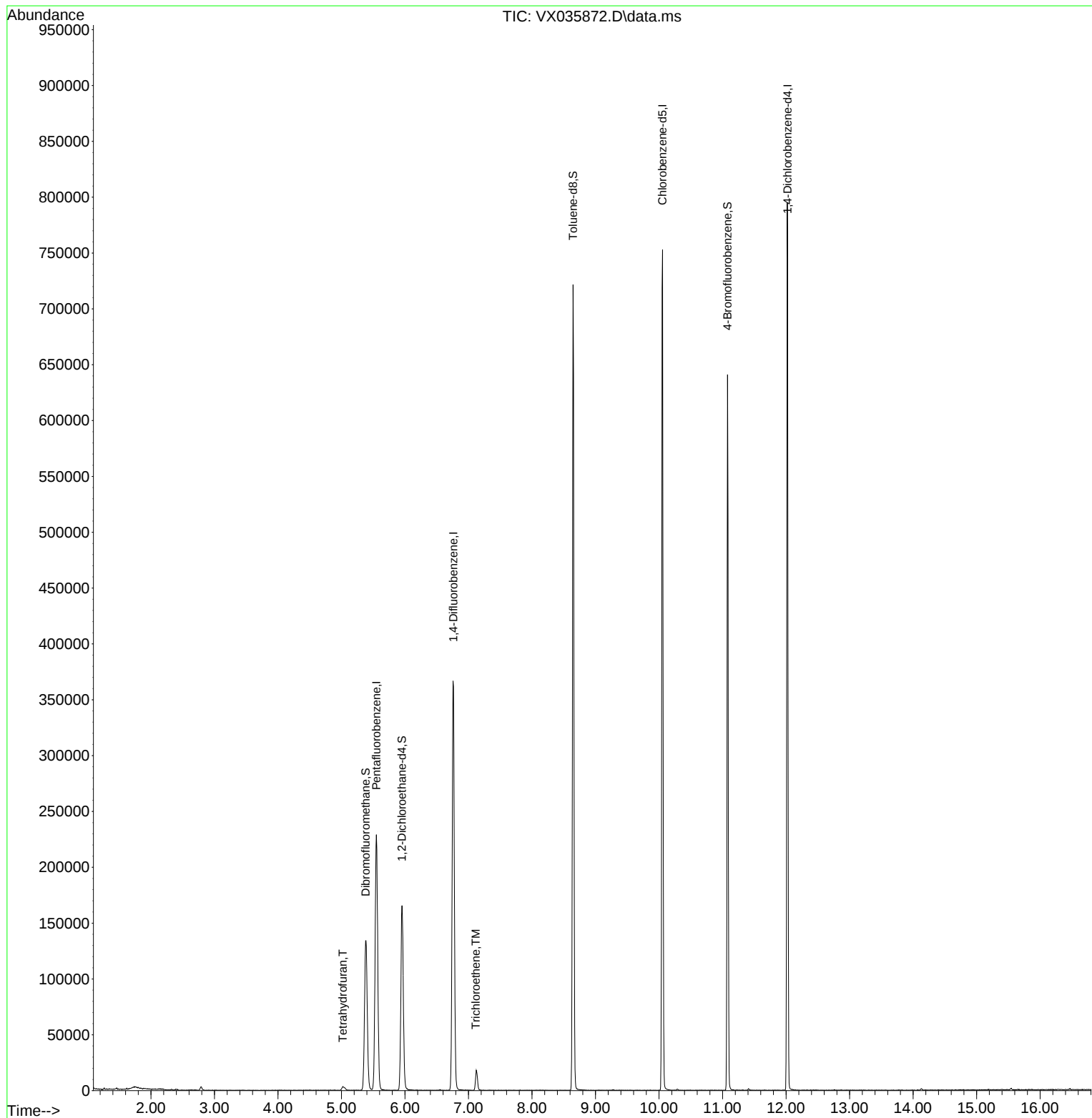
Internal Standards						
1) Pentafluorobenzene	5.550	168	209516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	371047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156492	42.815	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.620%
35) Dibromofluoromethane	5.379	113	119048	47.575	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.140%
50) Toluene-d8	8.647	98	404694	43.778	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.560%#
62) 4-Bromofluorobenzene	11.079	95	158991	42.715	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.440%
Target Compounds						
					Qvalue	
29) Tetrahydrofuran	5.019	42	3264	2.388	ug/l	97
44) Trichloroethene	7.117	130	6694	2.389	ug/l	90

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

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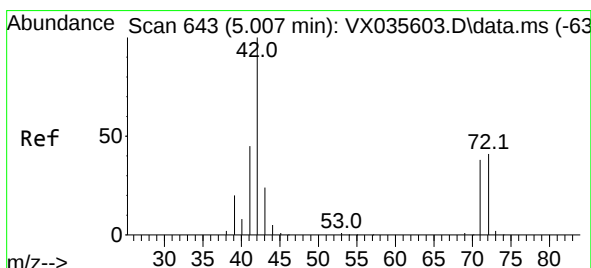
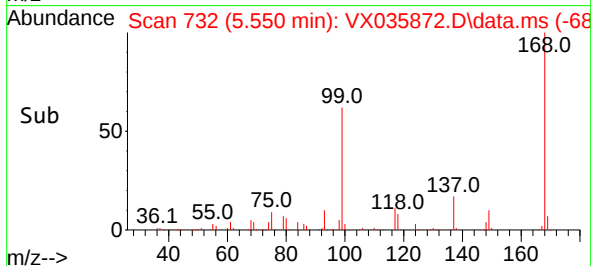
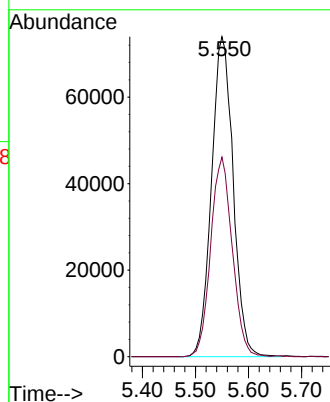
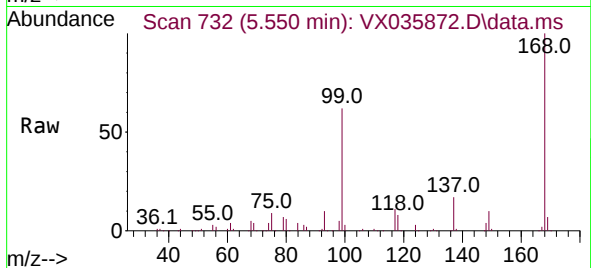




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

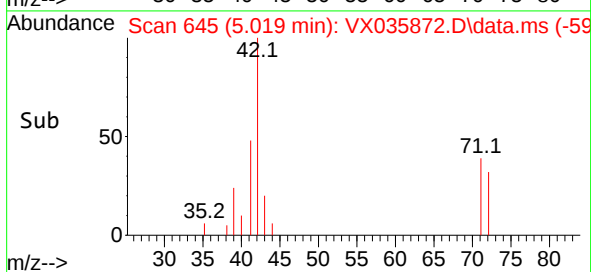
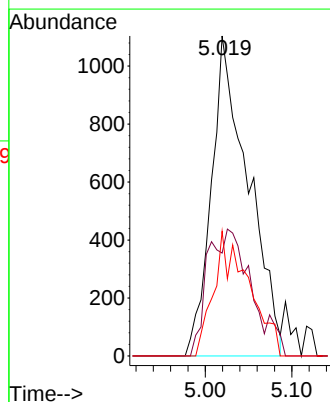
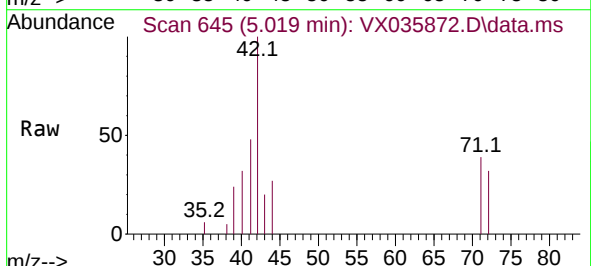
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230522

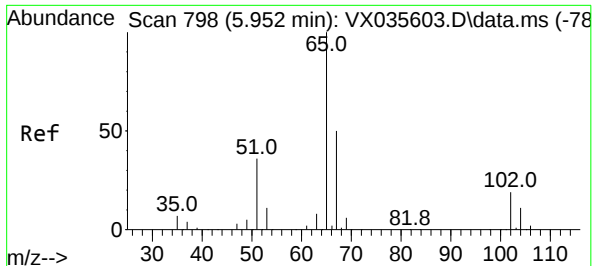
Tgt Ion:168 Resp: 209516
Ion Ratio Lower Upper
168 100
99 62.3 45.7 68.5



#29
Tetrahydrofuran
Concen: 2.388 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.012 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

Tgt Ion: 42 Resp: 3264
Ion Ratio Lower Upper
42 100
72 43.6 34.5 51.7
71 37.1 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 42.815 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035872.D

Acq: 25 May 2023 22:34

Instrument :

MSVOA_X

ClientSampleId :

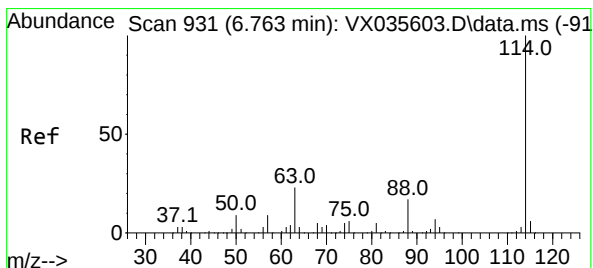
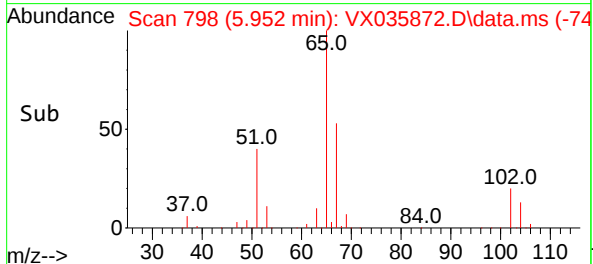
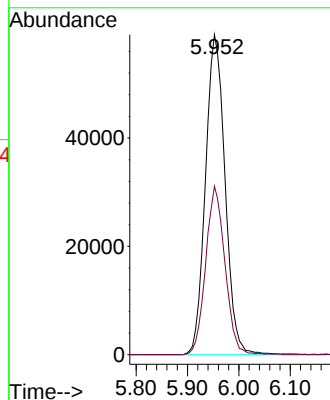
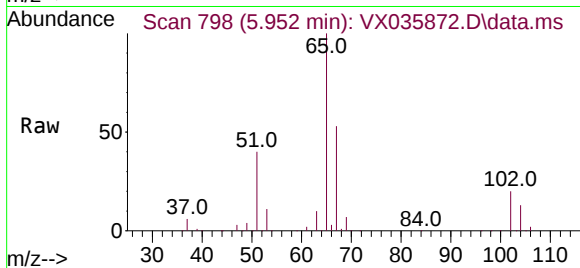
DUP04-20230522

Tgt Ion: 65 Resp: 156492

Ion Ratio Lower Upper

65 100

67 51.8 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: VX035872.D

Acq: 25 May 2023 22:34

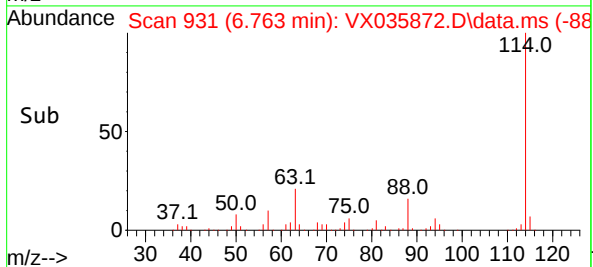
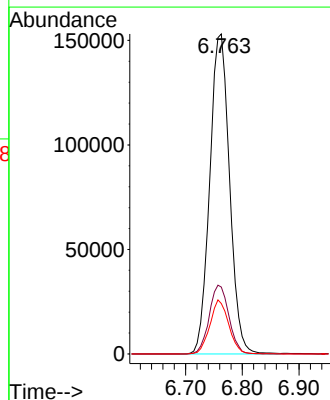
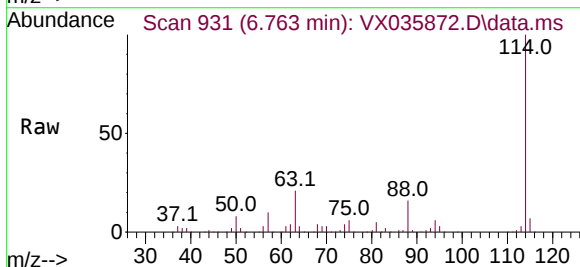
Tgt Ion: 114 Resp: 371047

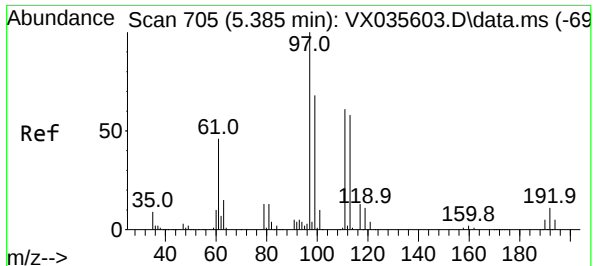
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.2

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.575 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX035872.D

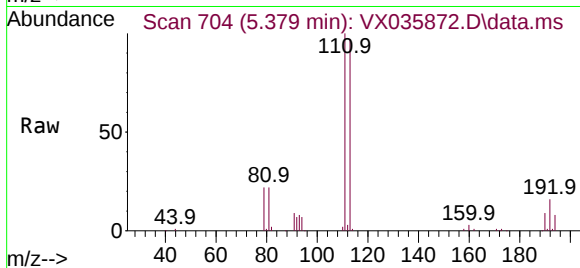
Acq: 25 May 2023 22:34

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20230522



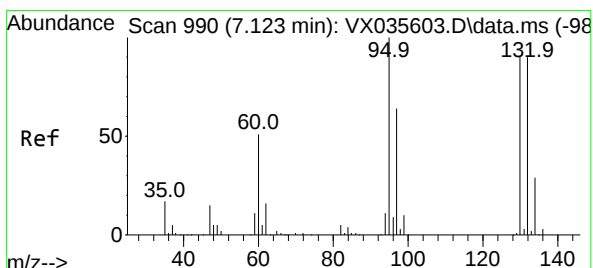
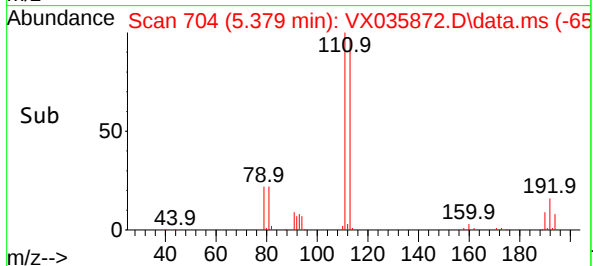
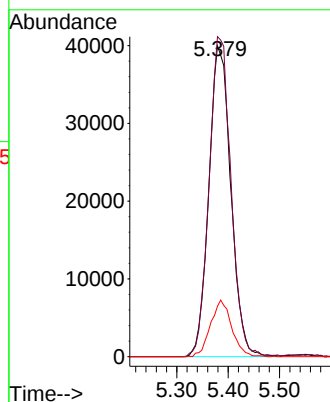
Tgt Ion:113 Resp: 119048

Ion Ratio Lower Upper

113 100

111 102.3 83.7 125.5

192 17.5 15.4 23.2



#44

Trichloroethene

Concen: 2.389 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX035872.D

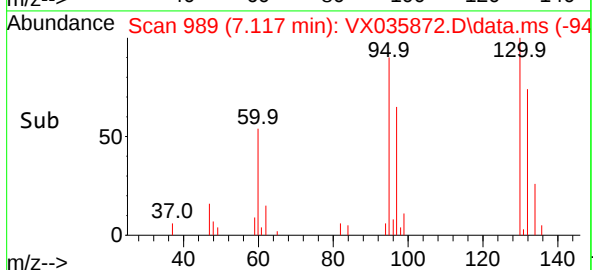
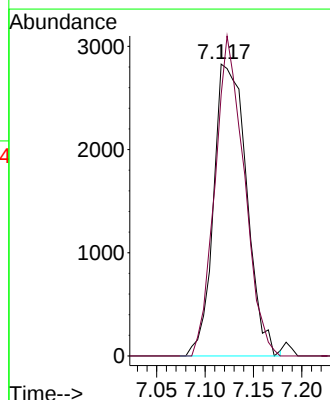
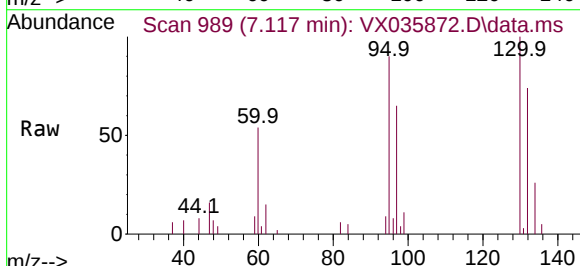
Acq: 25 May 2023 22:34

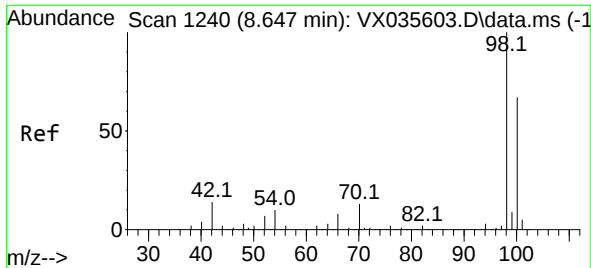
Tgt Ion:130 Resp: 6694

Ion Ratio Lower Upper

130 100

95 89.5 0.0 198.4

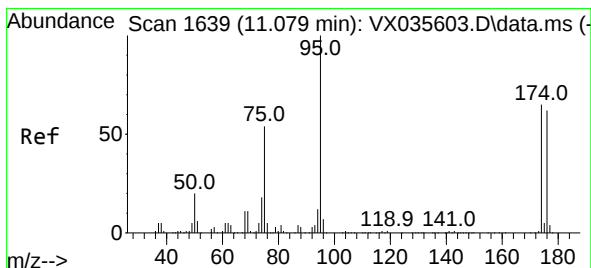
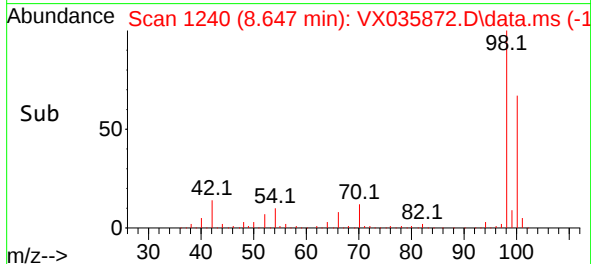
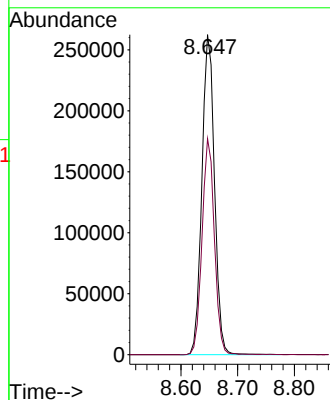
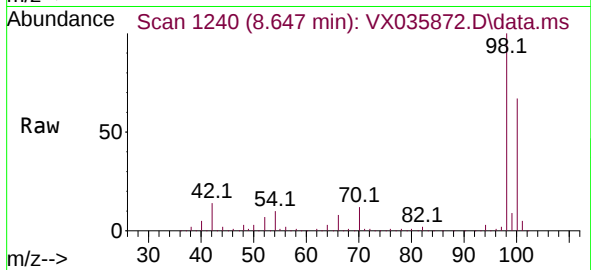




#50
Toluene-d8
Concen: 43.778 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

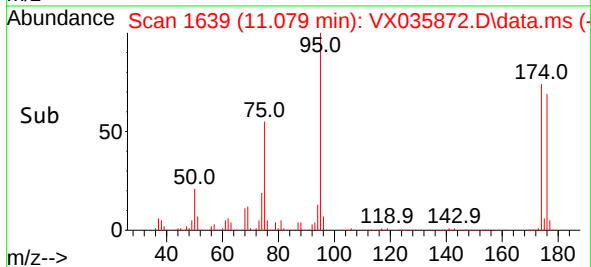
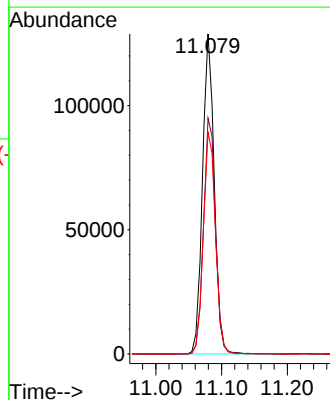
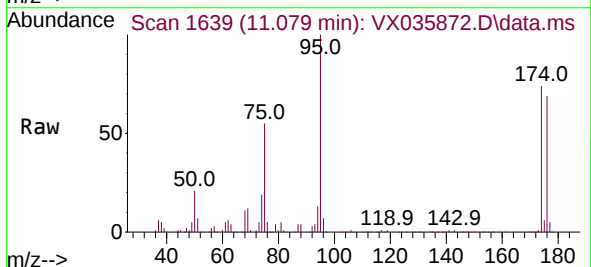
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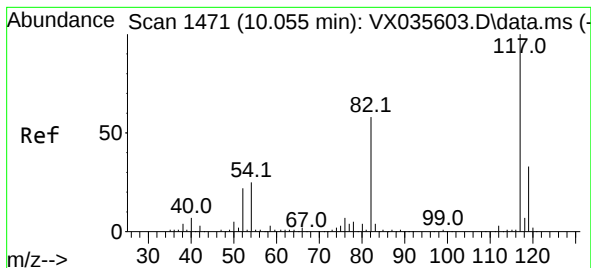
Tgt Ion: 98 Resp: 404694
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 42.715 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

Tgt Ion: 95 Resp: 158991
Ion Ratio Lower Upper
95 100
174 75.4 0.0 147.4
176 71.8 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: VX035872.D

Acq: 25 May 2023 22:34

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20230522

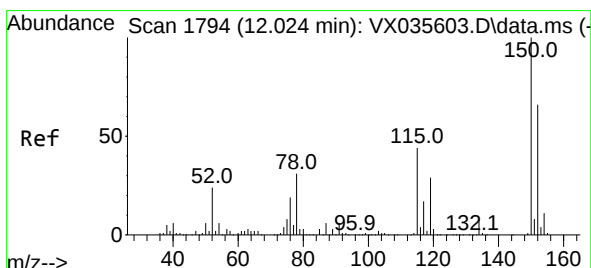
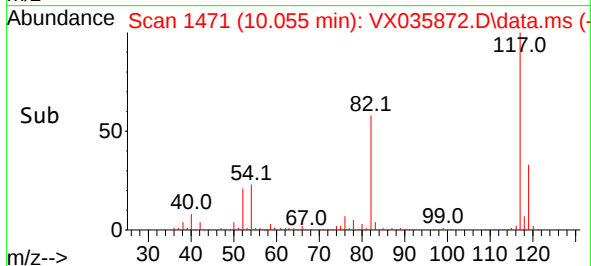
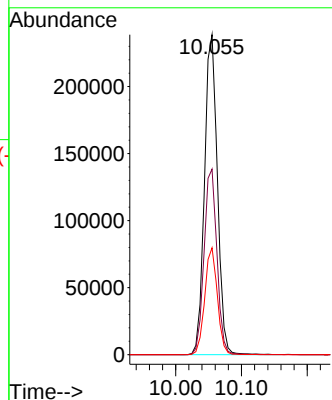
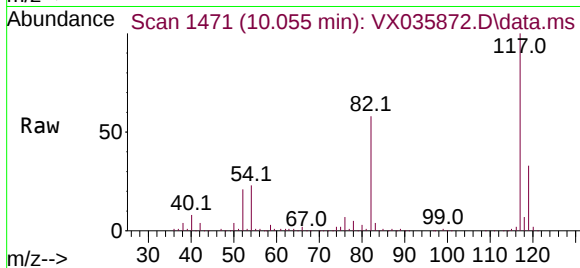
Tgt Ion:117 Resp: 325554

Ion Ratio Lower Upper

117 100

82 58.0 45.0 67.4

119 33.4 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: VX035872.D

Acq: 25 May 2023 22:34

Tgt Ion:152 Resp: 156275

Ion Ratio Lower Upper

152 100

115 62.1 45.0 135.0

150 157.6 0.0 352.4

