

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034874.D
 Acq On : 31 Mar 2023 13:39
 Operator : JC/MD
 Sample : 02048-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Apr 03 01:17:45 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)

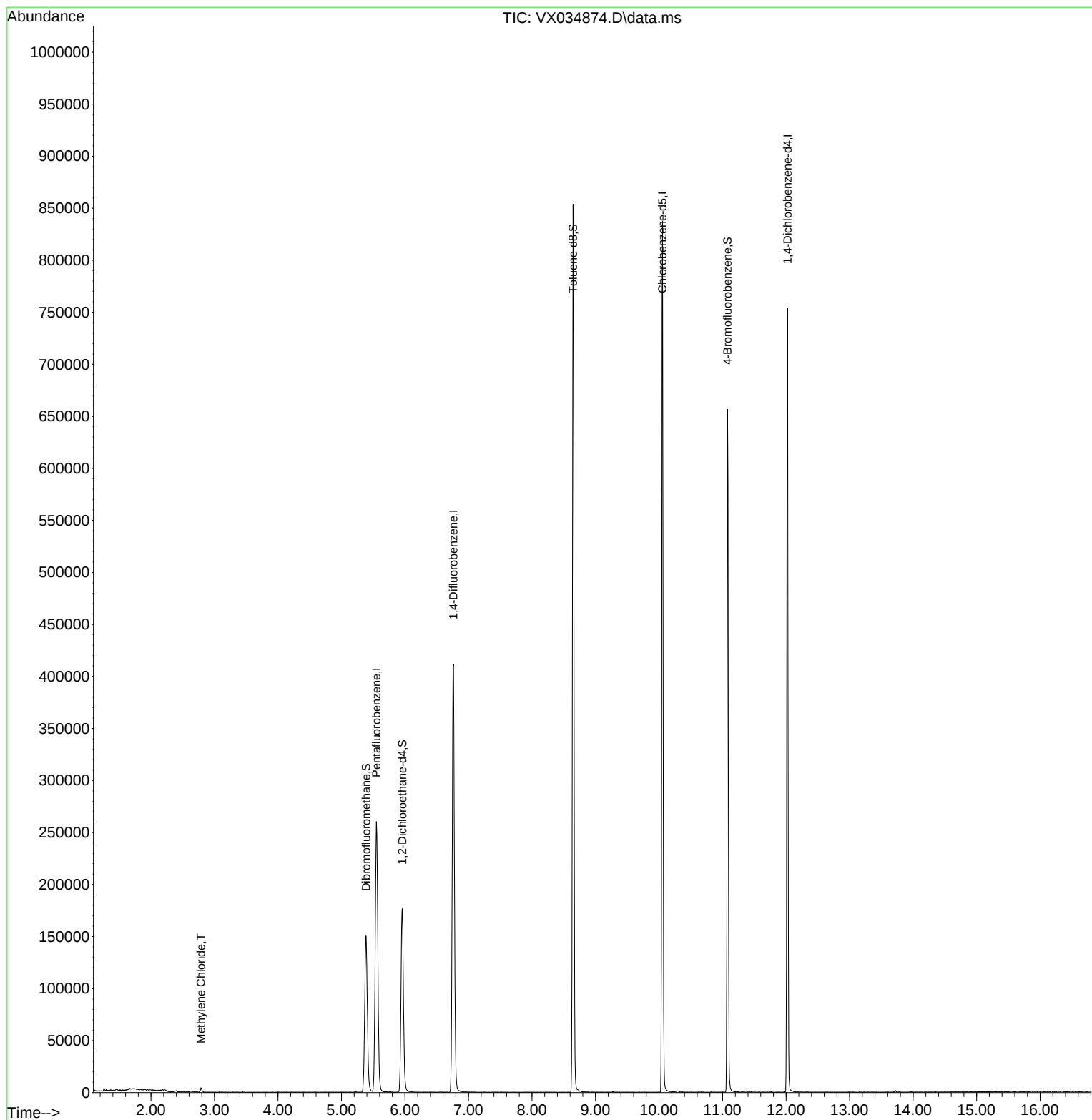
Internal Standards						
1) Pentafluorobenzene	5.550	168	238544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	407866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170288	46.677	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.360%
35) Dibromofluoromethane	5.385	113	128728	47.718	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.440%
50) Toluene-d8	8.647	98	490332	49.243	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.480%
62) 4-Bromofluorobenzene	11.079	95	170782	44.321	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.640%
Target Compounds						
20) Methylene Chloride	2.788	84	1610	0.551	ug/l	Qvalue 96

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

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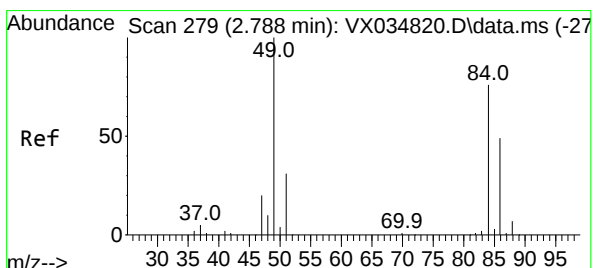
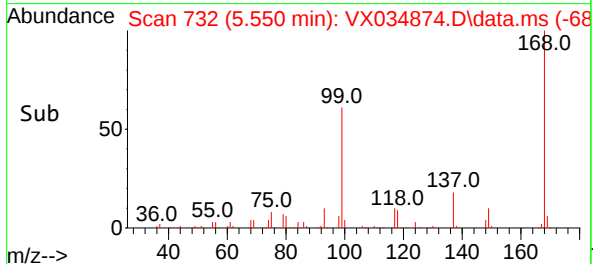
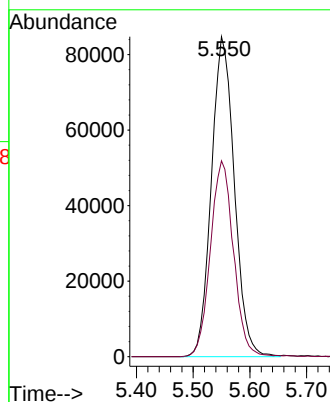
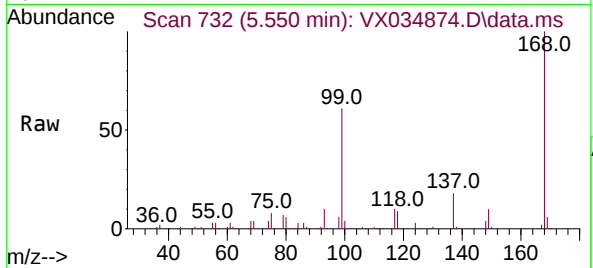




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX034874.D
Acq: 31 Mar 2023 13:39

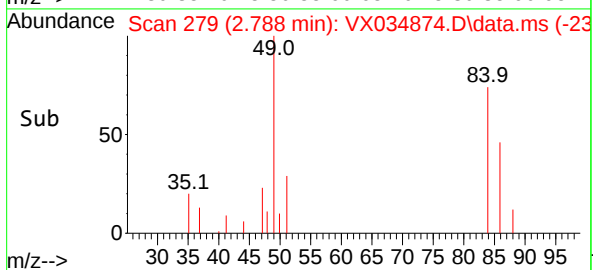
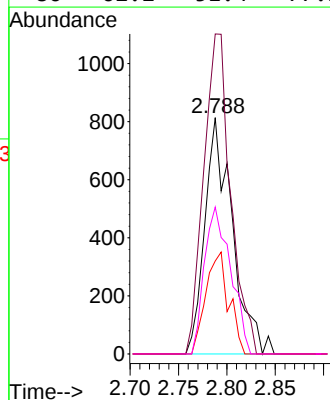
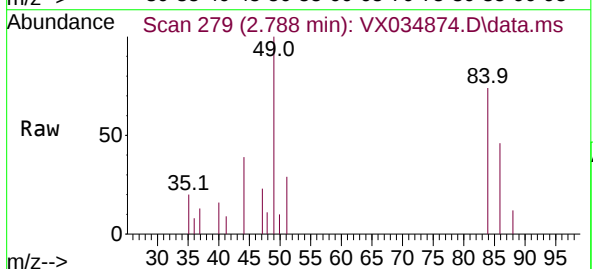
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

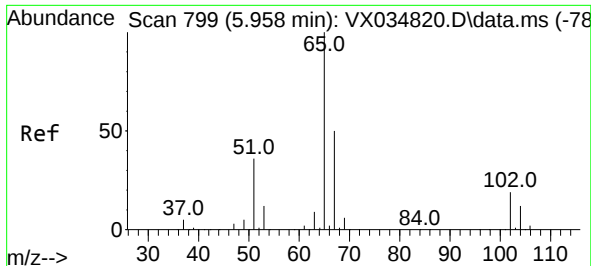
Tgt Ion:168 Resp: 238544
Ion Ratio Lower Upper
168 100
99 61.2 45.7 68.5



#20
Methylene Chloride
Concen: 0.551 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034874.D
Acq: 31 Mar 2023 13:39

Tgt Ion: 84 Resp: 1610
Ion Ratio Lower Upper
84 100
49 135.4 103.8 155.8
51 39.3 31.8 47.8
86 62.2 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 46.677 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX034874.D

Acq: 31 Mar 2023 13:39

Instrument :

MSVOA_X

ClientSampleId :

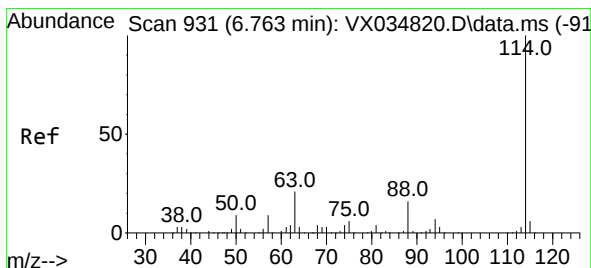
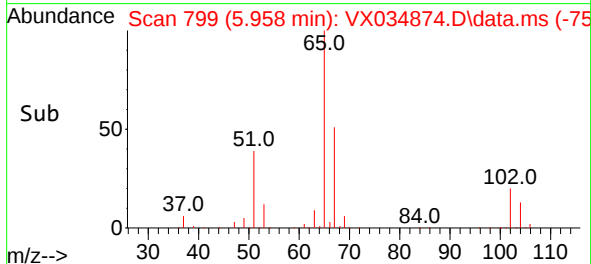
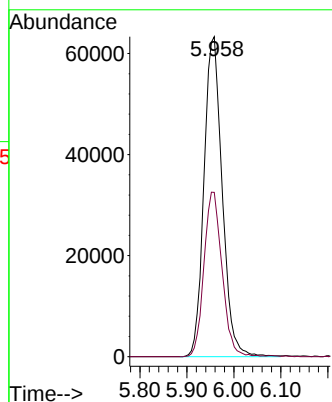
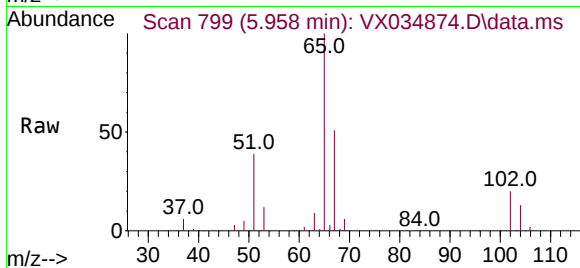
TRIP-BLANK

Tgt Ion: 65 Resp: 170288

Ion Ratio Lower Upper

65 100

67 51.1 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: VX034874.D

Acq: 31 Mar 2023 13:39

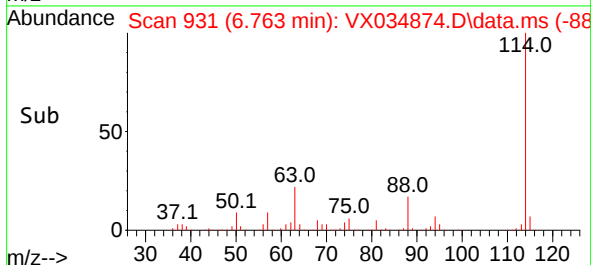
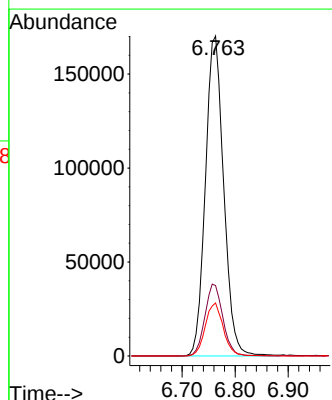
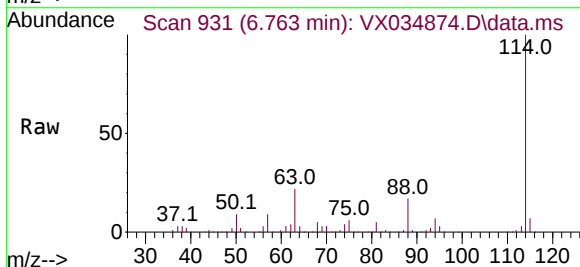
Tgt Ion: 114 Resp: 407866

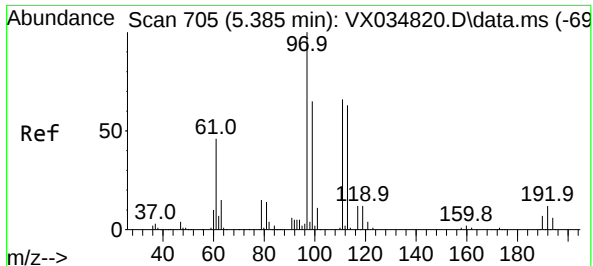
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

88 16.5 0.0 33.2

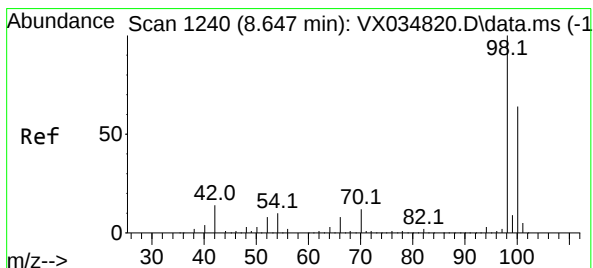
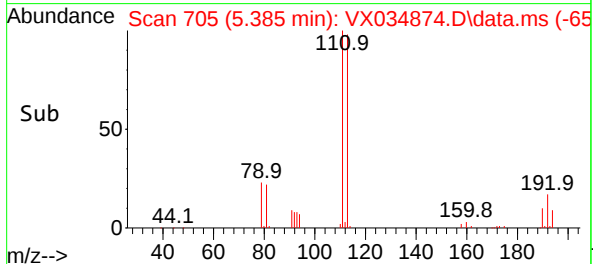
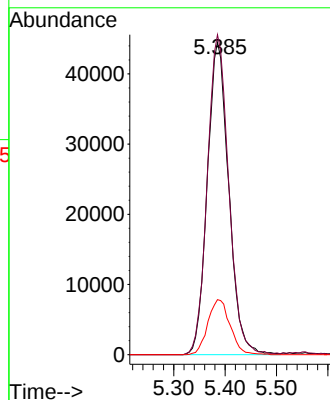
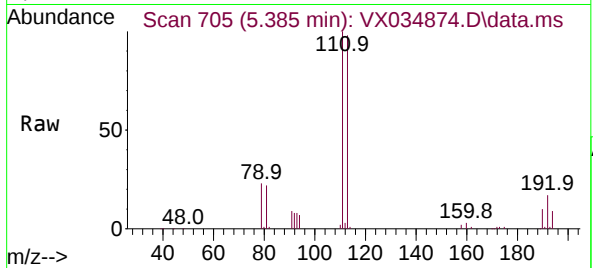




#35
Dibromofluoromethane
Concen: 47.718 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034874.D
Acq: 31 Mar 2023 13:39

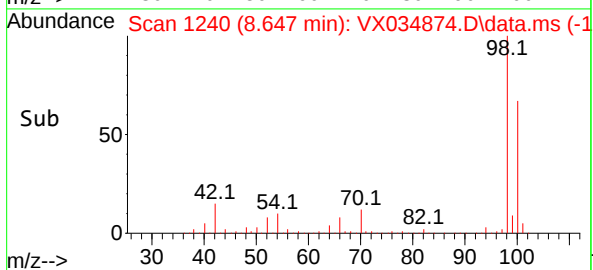
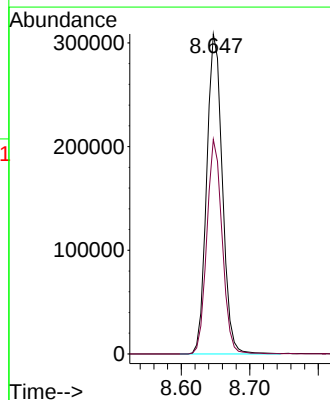
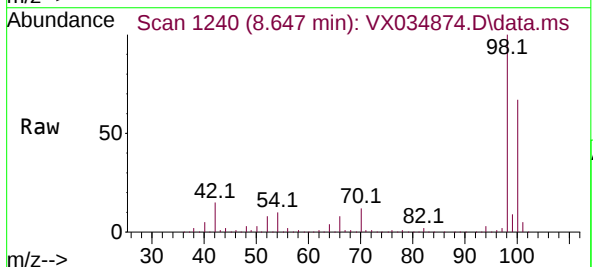
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

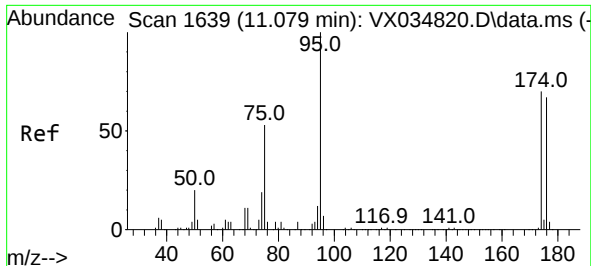
Tgt Ion:113 Resp: 128728
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 18.3 15.4 23.2



#50
Toluene-d8
Concen: 49.243 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034874.D
Acq: 31 Mar 2023 13:39

Tgt Ion: 98 Resp: 490332
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 44.321 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034874.D

Acq: 31 Mar 2023 13:39

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

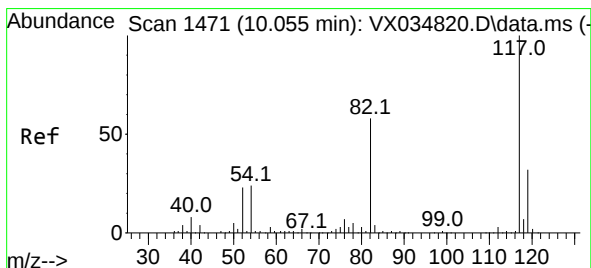
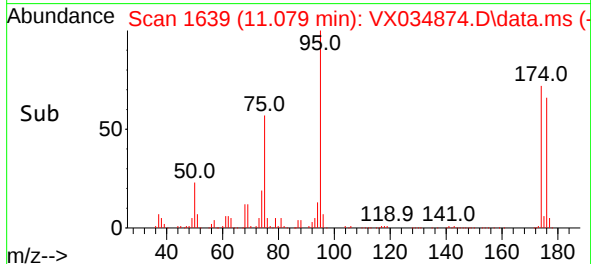
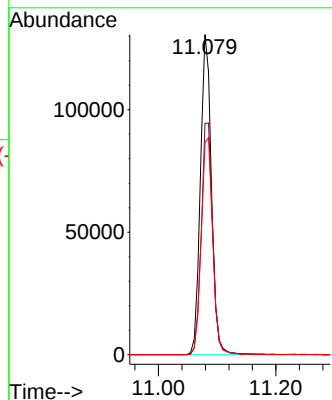
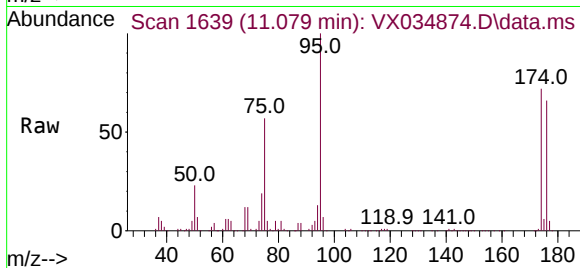
Tgt Ion: 95 Resp: 170782

Ion Ratio Lower Upper

95 100

174 74.5 0.0 147.4

176 70.8 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: VX034874.D

Acq: 31 Mar 2023 13:39

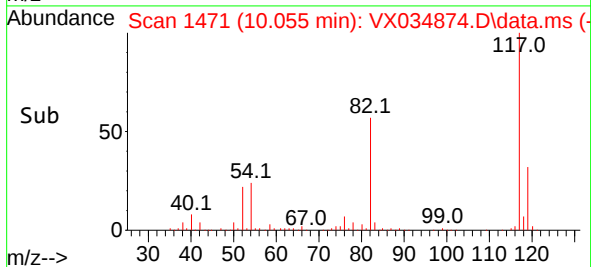
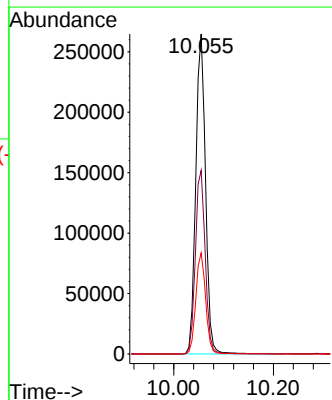
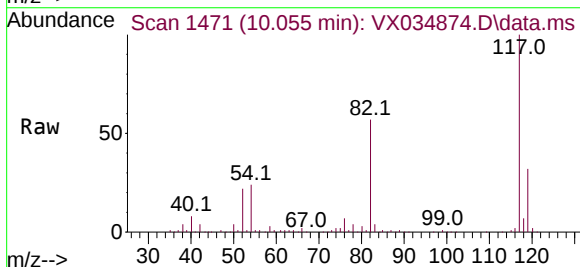
Tgt Ion: 117 Resp: 359647

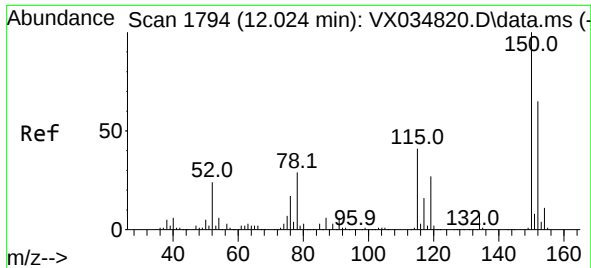
Ion Ratio Lower Upper

117 100

82 57.3 45.0 67.4

119 31.6 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034874.D

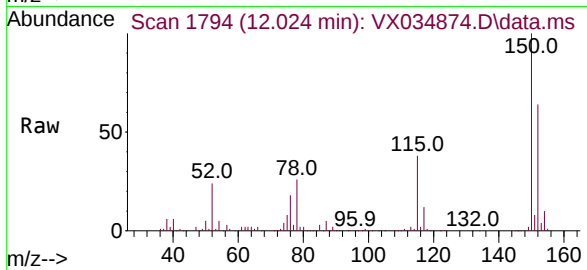
Acq: 31 Mar 2023 13:39

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK



Tgt Ion:152 Resp: 154482

Ion Ratio Lower Upper

152 100

115 60.9 45.0 135.0

150 154.5 0.0 352.4

