

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034873.D
 Acq On : 31 Mar 2023 13:16
 Operator : JC/MD
 Sample : 02048-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK-FB

Quant Time: Apr 03 01:17:24 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)

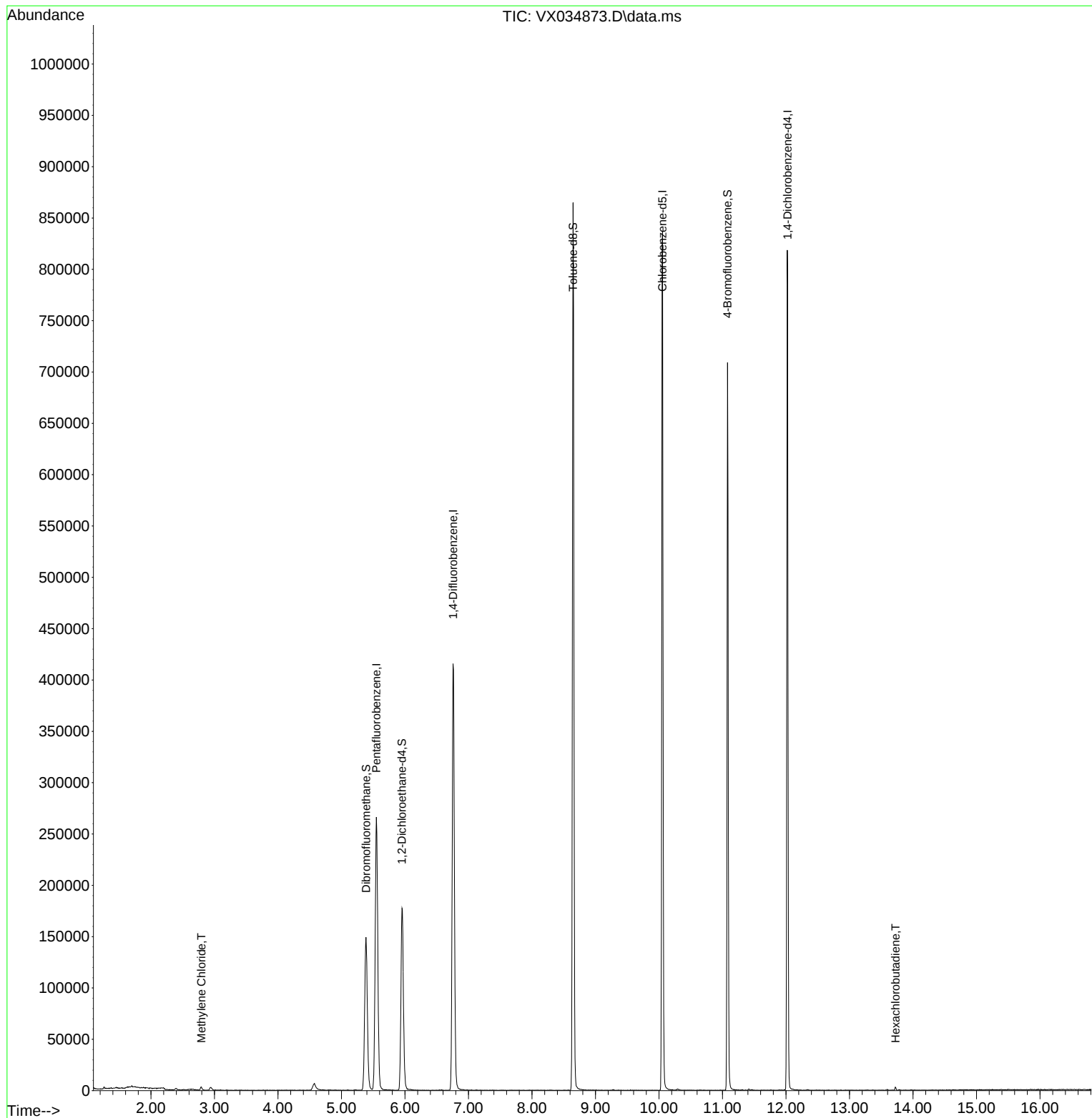
Internal Standards						
1) Pentafluorobenzene	5.550	168	241093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	415601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	172728	46.846	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.700%
35) Dibromofluoromethane	5.385	113	127830	46.503	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.000%
50) Toluene-d8	8.647	98	495911	48.876	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.760%
62) 4-Bromofluorobenzene	11.079	95	175524	44.704	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.400%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.794	84	1565	0.529	ug/l #	82
94) Hexachlorobutadiene	13.725	225	531	0.395	ug/l	96

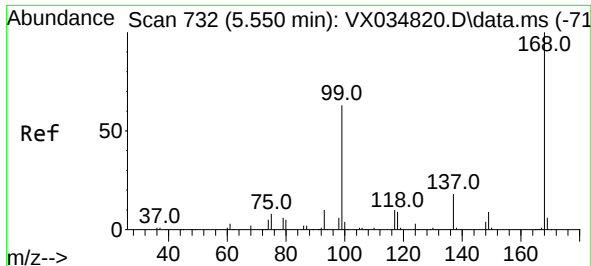
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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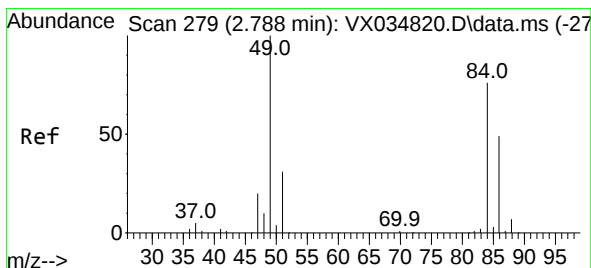
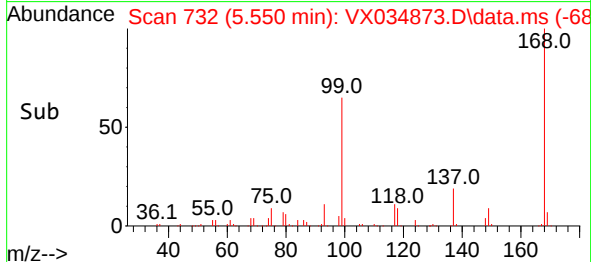
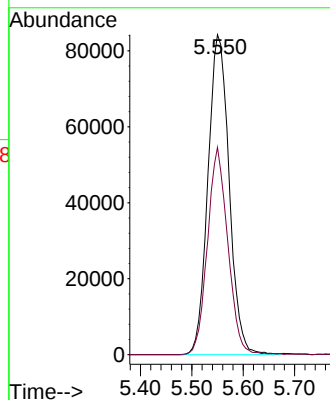
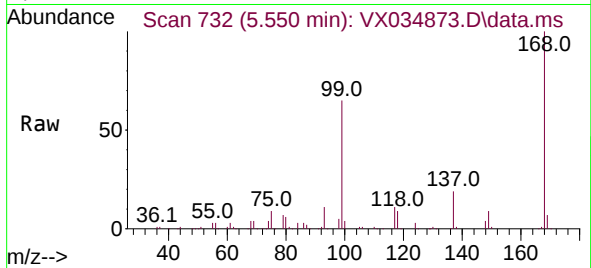




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034873.D
Acq: 31 Mar 2023 13:16

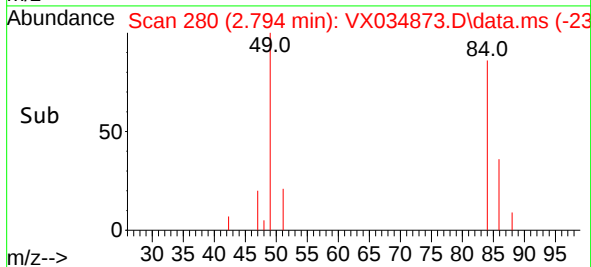
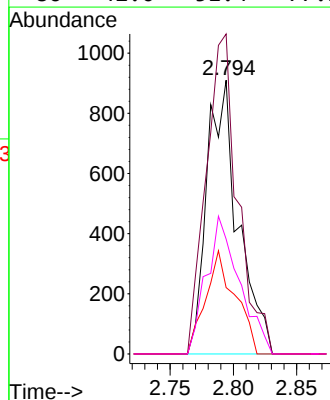
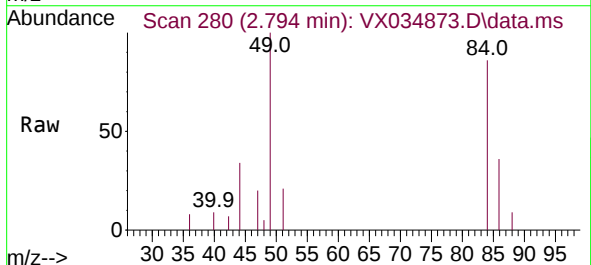
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK-FB

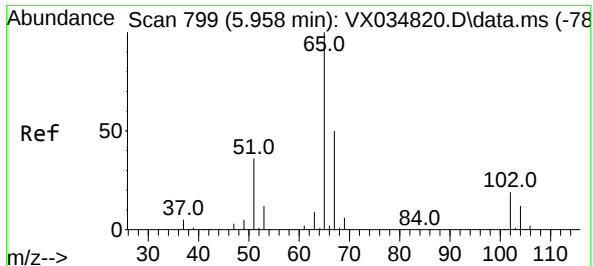
Tgt Ion:168 Resp: 241093
Ion Ratio Lower Upper
168 100
99 64.8 45.7 68.5



#20
Methylene Chloride
Concen: 0.529 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034873.D
Acq: 31 Mar 2023 13:16

Tgt Ion: 84 Resp: 1565
Ion Ratio Lower Upper
84 100
49 116.9 103.8 155.8
51 24.3 31.8 47.8#
86 42.0 51.4 77.2#





#33

1,2-Dichloroethane-d4

Concen: 46.846 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034873.D

Acq: 31 Mar 2023 13:16

Instrument :

MSVOA_X

ClientSampleId :

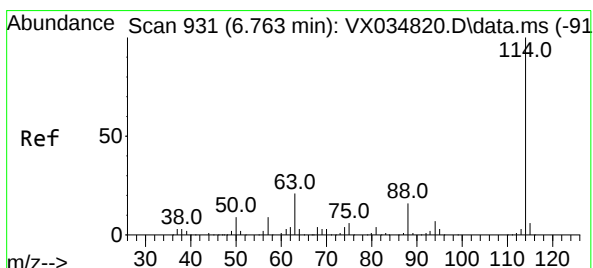
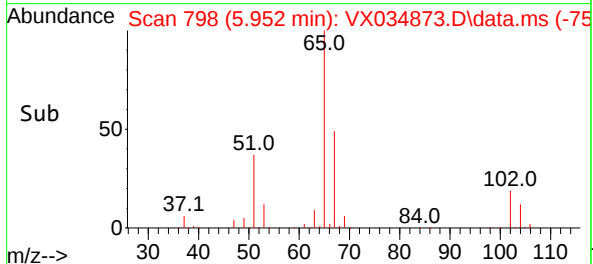
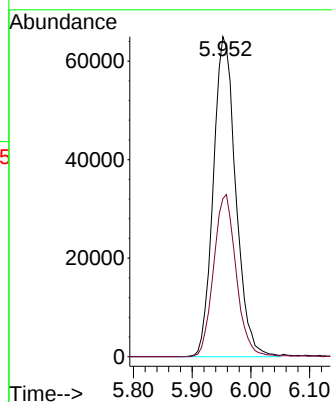
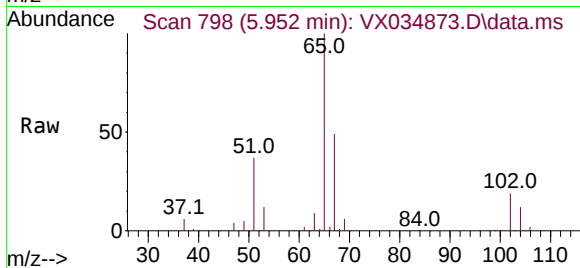
FIELD-BLANK-FB

Tgt Ion: 65 Resp: 172728

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX034873.D

Acq: 31 Mar 2023 13:16

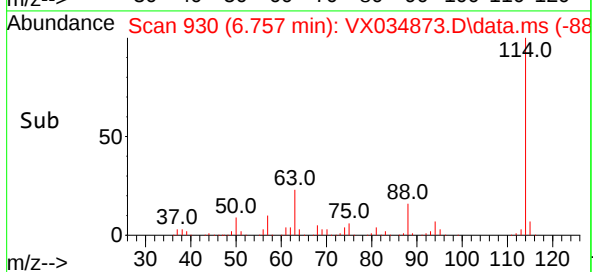
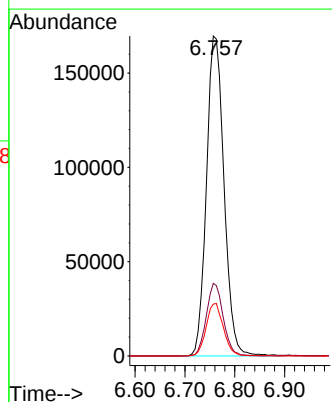
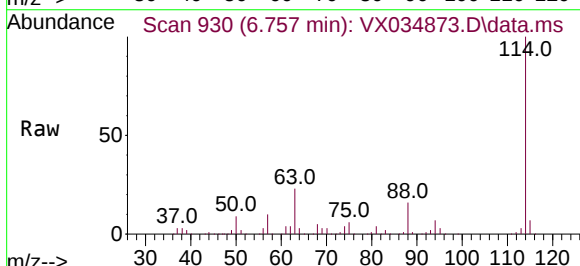
Tgt Ion: 114 Resp: 415601

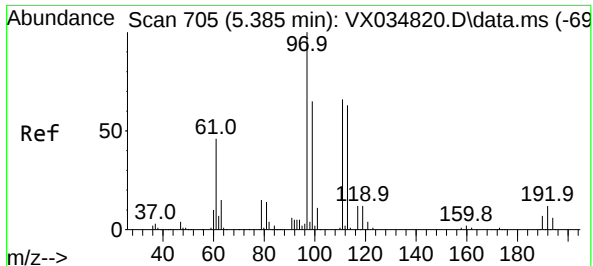
Ion Ratio Lower Upper

114 100

63 22.7 0.0 42.2

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.503 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034873.D

Acq: 31 Mar 2023 13:16

Instrument :

MSVOA_X

ClientSampleId :

FIELD-BLANK-FB

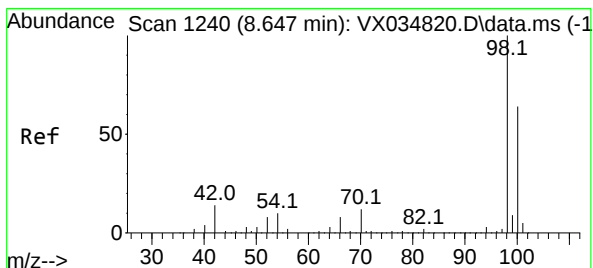
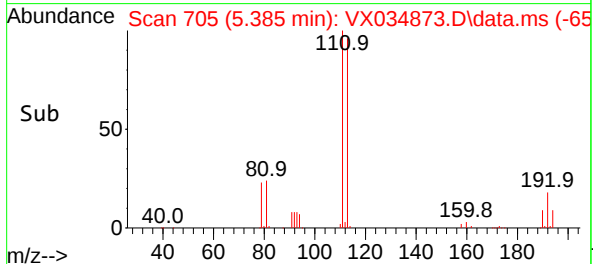
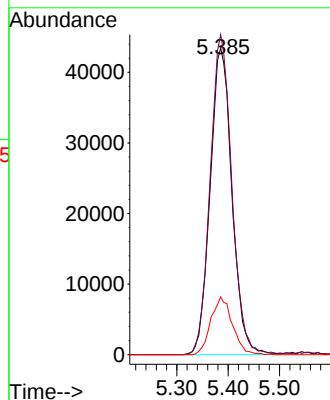
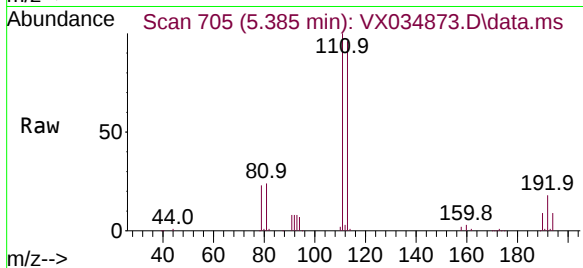
Tgt Ion:113 Resp: 127830

Ion Ratio Lower Upper

113 100

111 103.8 83.7 125.5

192 18.7 15.4 23.2



#50

Toluene-d8

Concen: 48.876 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034873.D

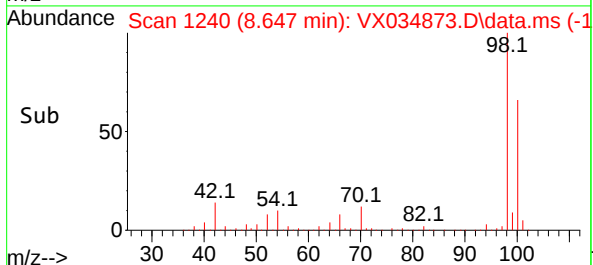
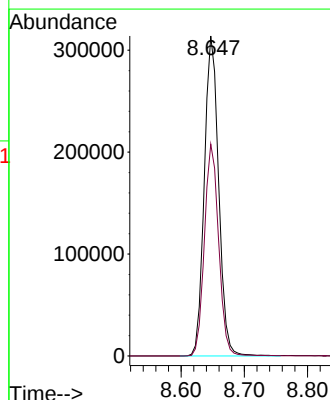
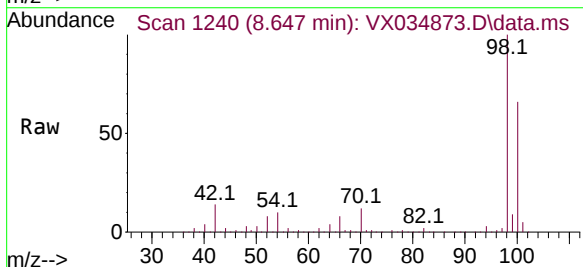
Acq: 31 Mar 2023 13:16

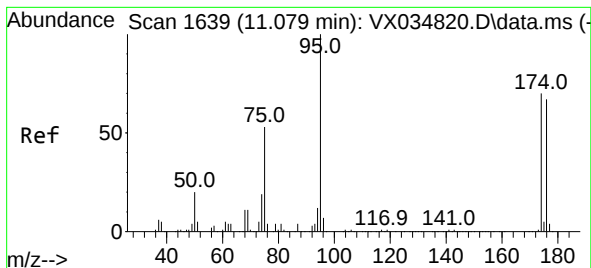
Tgt Ion: 98 Resp: 495911

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7

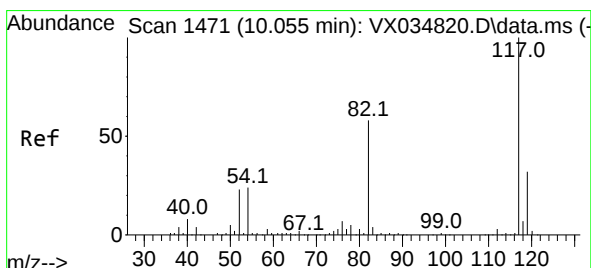
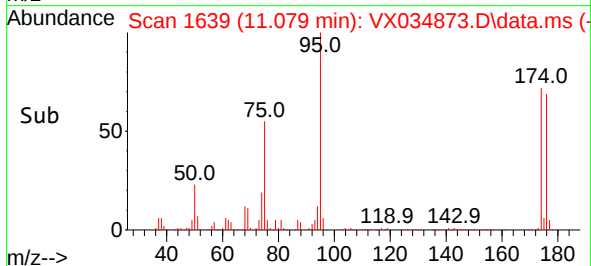
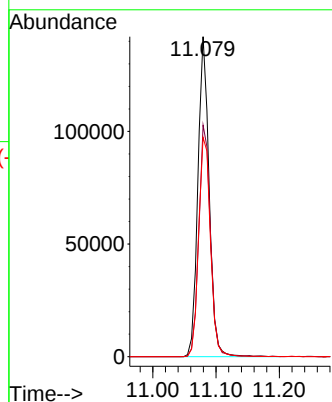
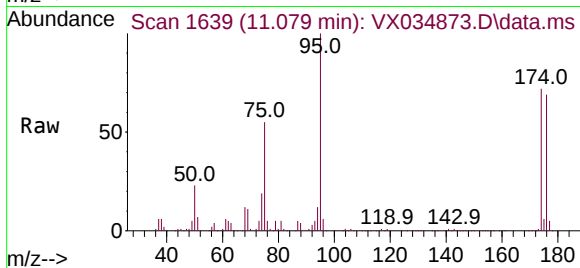




#62
4-Bromofluorobenzene
Concen: 44.704 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034873.D
Acq: 31 Mar 2023 13:16

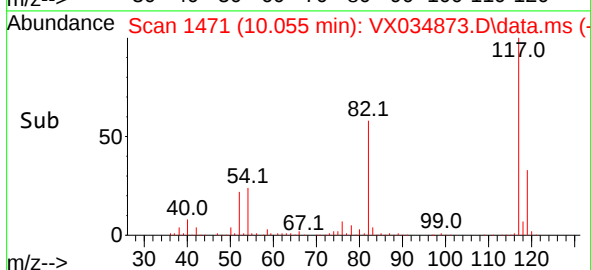
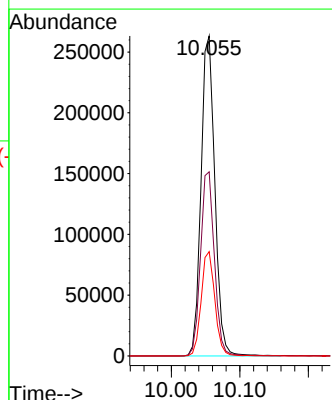
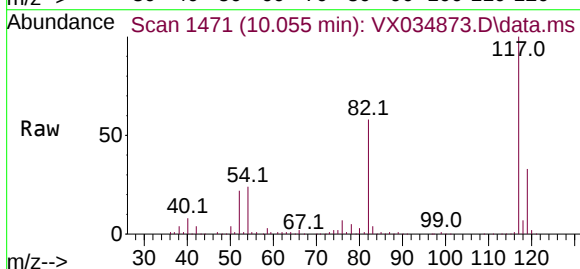
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK-FB

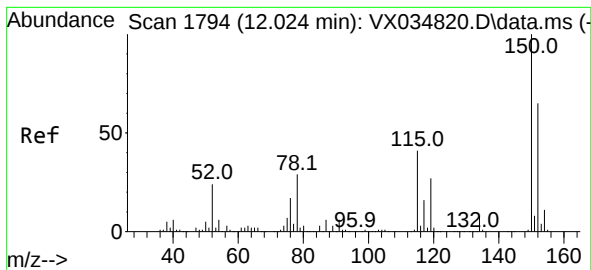
Tgt Ion: 95 Resp: 175524
Ion Ratio Lower Upper
95 100
174 75.1 0.0 147.4
176 72.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034873.D
Acq: 31 Mar 2023 13:16

Tgt Ion: 117 Resp: 369858
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.4
119 32.6 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034873.D

Acq: 31 Mar 2023 13:16

Instrument :

MSVOA_X

ClientSampleId :

FIELD-BLANK-FB

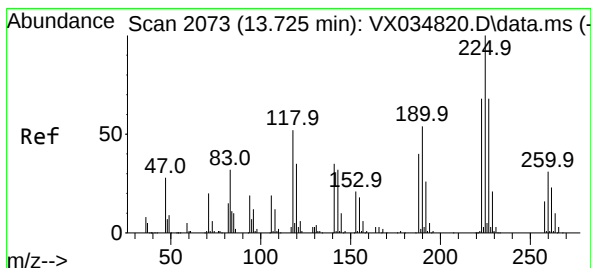
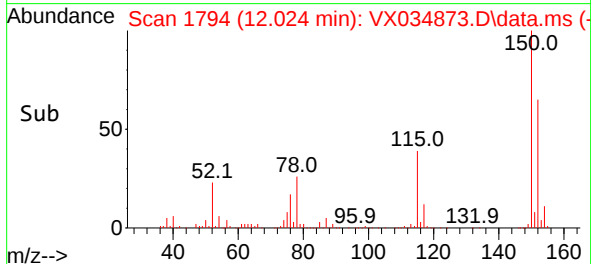
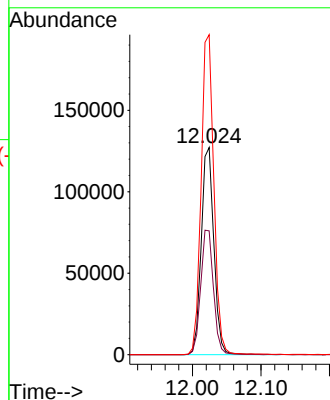
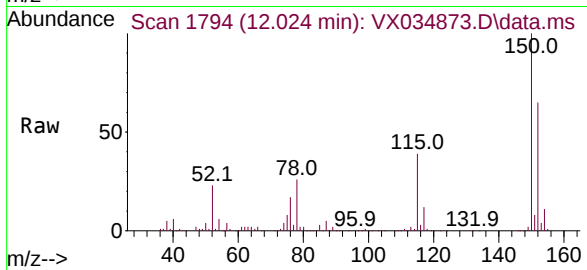
Tgt Ion:152 Resp: 163303

Ion Ratio Lower Upper

152 100

115 61.0 45.0 135.0

150 155.2 0.0 352.4



#94

Hexachlorobutadiene

Concen: 0.395 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034873.D

Acq: 31 Mar 2023 13:16

Tgt Ion:225 Resp: 531

Ion Ratio Lower Upper

225 100

223 68.2 32.1 96.5

227 61.0 31.8 95.4

