

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035862.D
 Acq On : 25 May 2023 18:41
 Operator : JC/MD
 Sample : 02881-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: May 26 07:25:20 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)

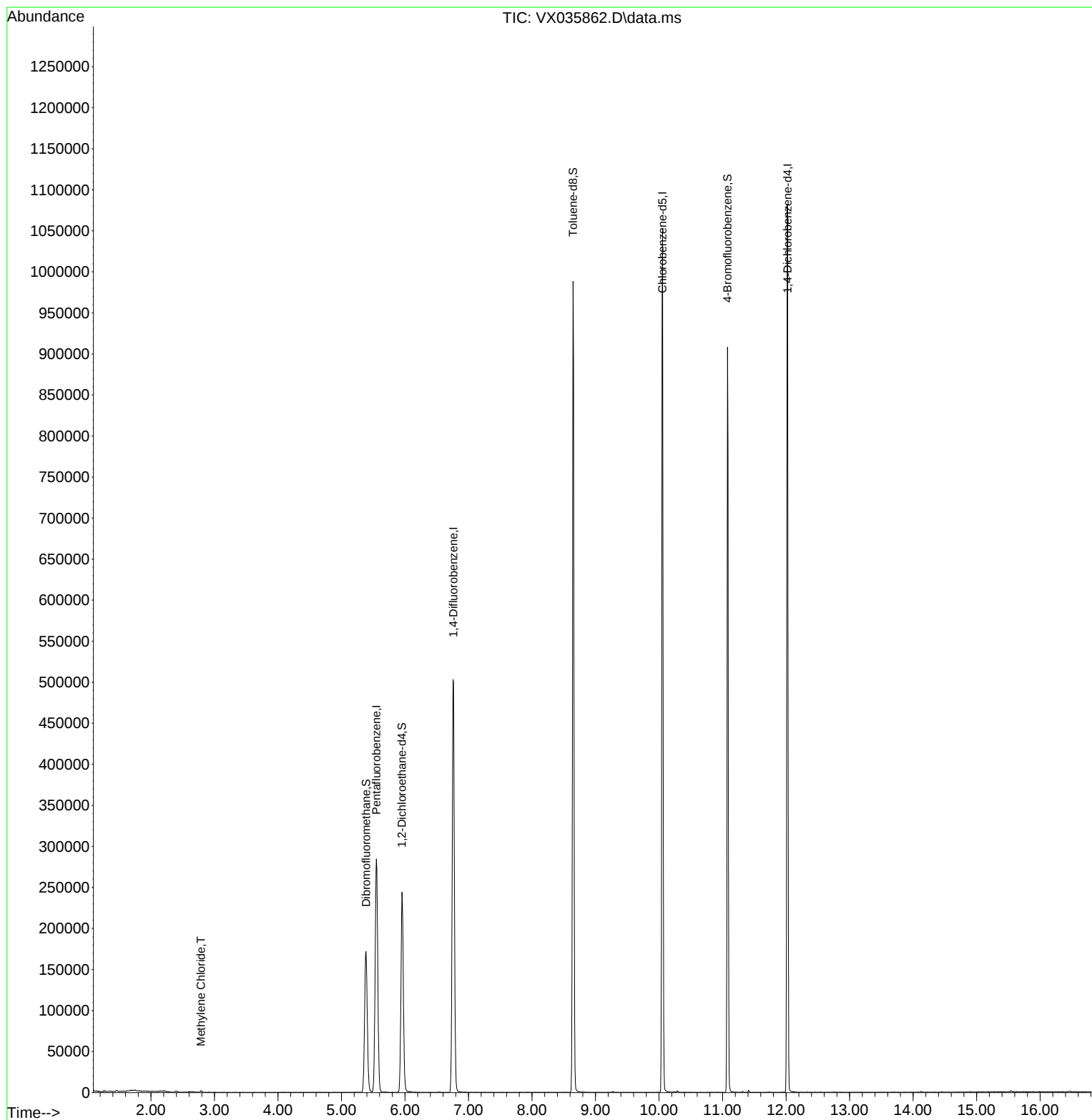
Internal Standards						
1) Pentafluorobenzene	5.550	168	255616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	474108	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	430551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	238876	53.568	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	107.140%	
35) Dibromofluoromethane	5.385	113	148503	46.445	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	92.900%	
50) Toluene-d8	8.647	98	535692	45.352	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	90.700%#	
62) 4-Bromofluorobenzene	11.079	95	233298	49.054	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	98.100%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	1025	0.295	ug/l #	81

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

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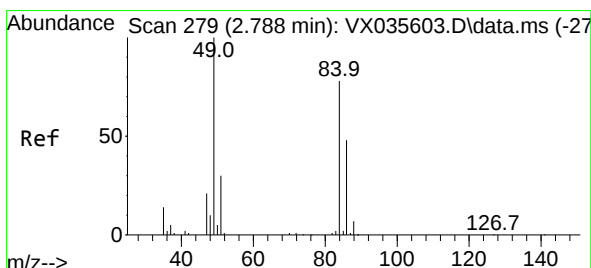
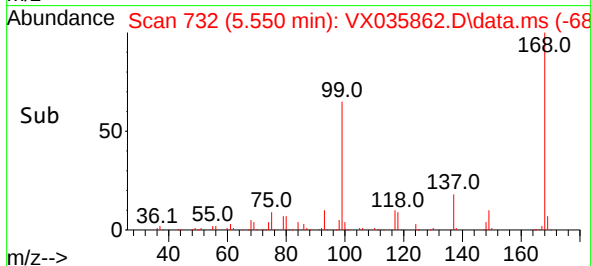
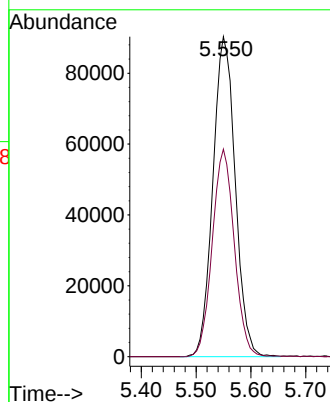
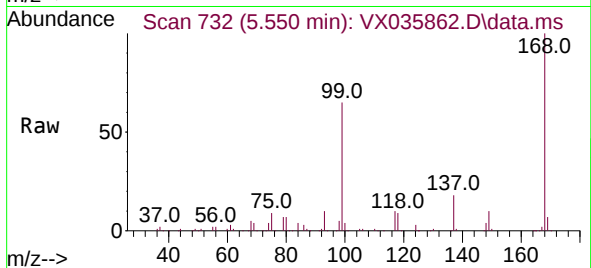




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035862.D
Acq: 25 May 2023 18:41

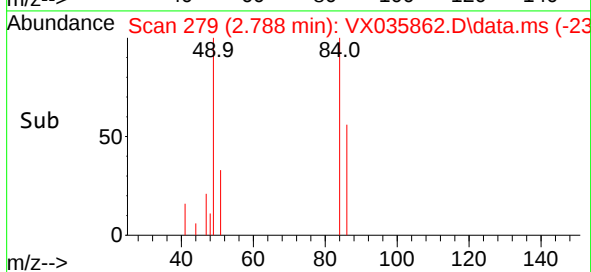
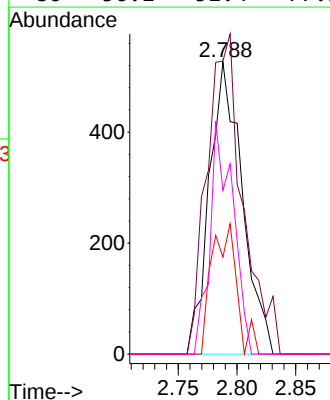
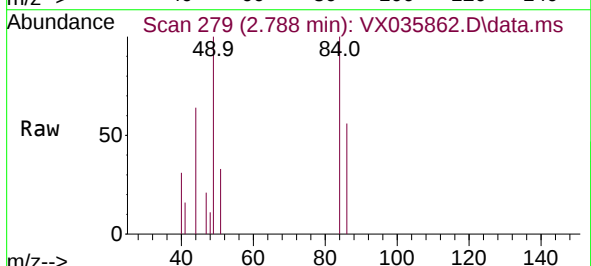
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

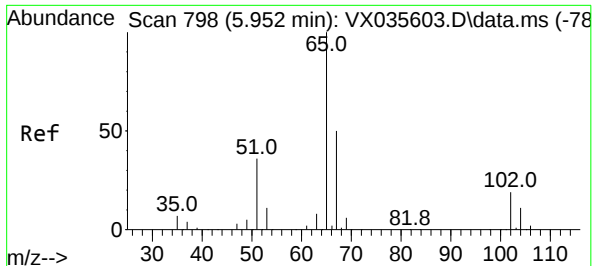
Tgt Ion:168 Resp: 255616
Ion Ratio Lower Upper
168 100
99 64.8 45.7 68.5



#20
Methylene Chloride
Concen: 0.295 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035862.D
Acq: 25 May 2023 18:41

Tgt Ion: 84 Resp: 1025
Ion Ratio Lower Upper
84 100
49 100.4 103.8 155.8#
51 33.3 31.8 47.8
86 56.1 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 53.568 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035862.D

Acq: 25 May 2023 18:41

Instrument :

MSVOA_X

ClientSampleId :

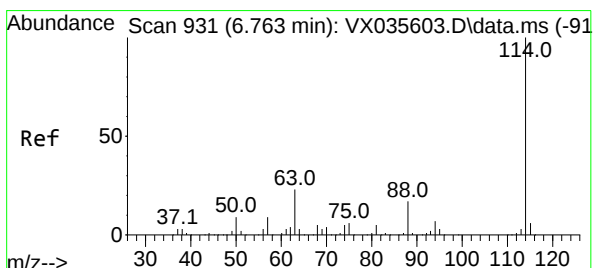
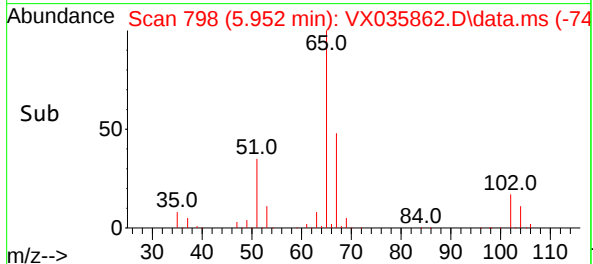
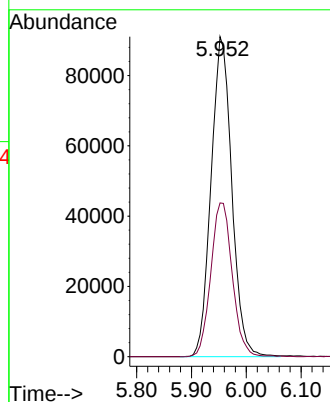
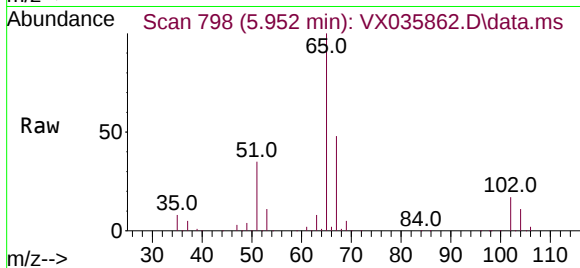
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 238876

Ion Ratio Lower Upper

65 100

67 49.8 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: VX035862.D

Acq: 25 May 2023 18:41

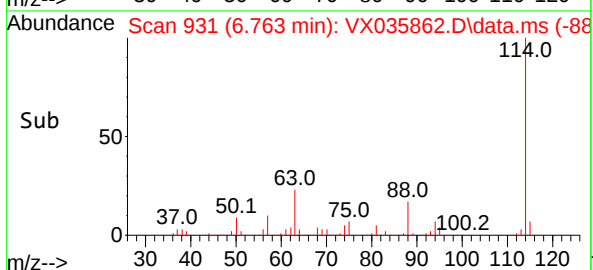
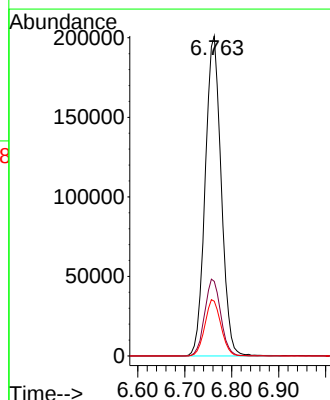
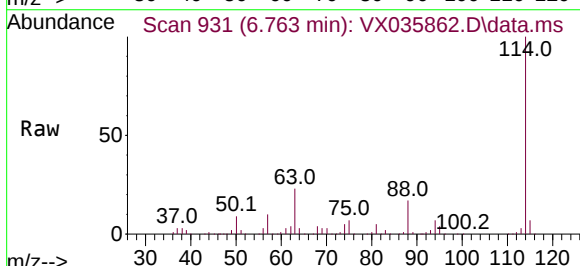
Tgt Ion: 114 Resp: 474108

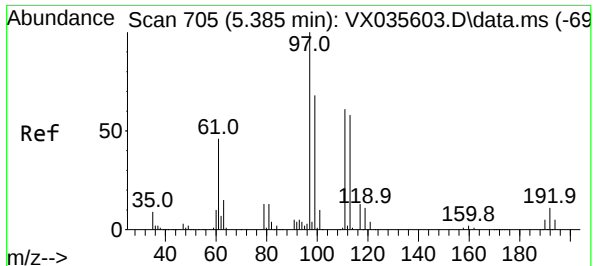
Ion Ratio Lower Upper

114 100

63 23.3 0.0 42.2

88 17.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.445 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035862.D

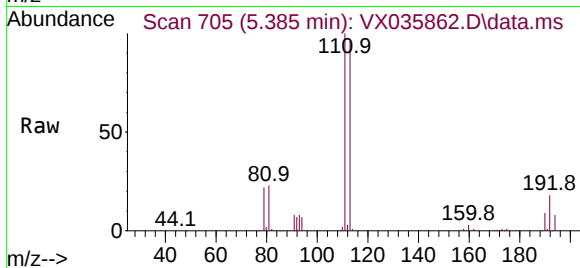
Acq: 25 May 2023 18:41

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



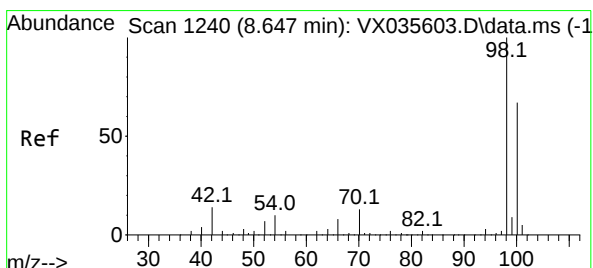
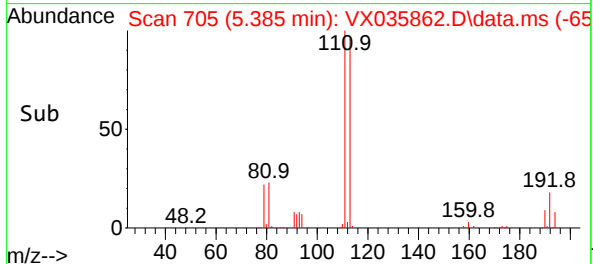
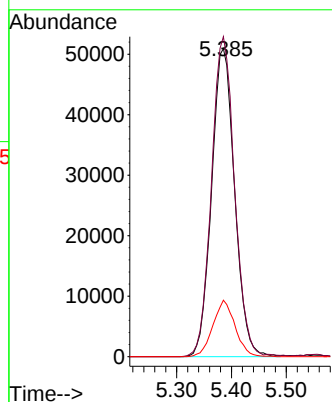
Tgt Ion:113 Resp: 148503

Ion Ratio Lower Upper

113 100

111 104.3 83.7 125.5

192 17.7 15.4 23.2



#50

Toluene-d8

Concen: 45.352 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035862.D

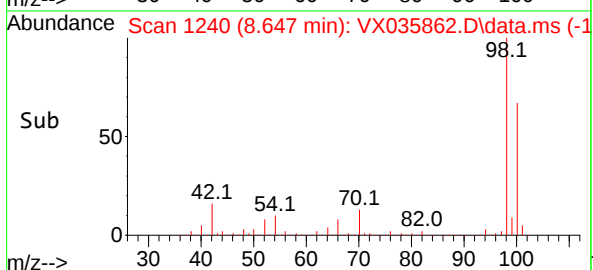
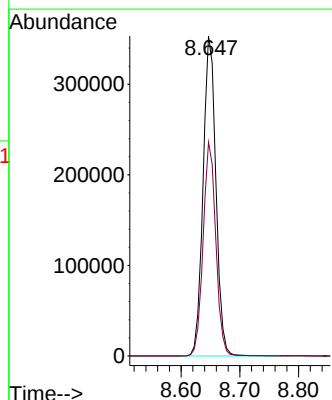
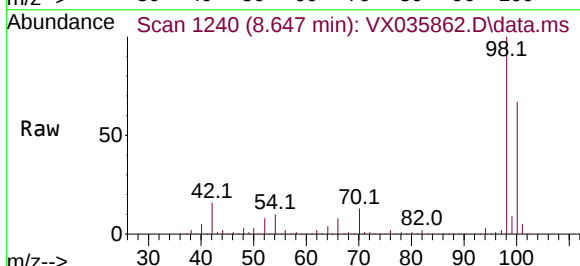
Acq: 25 May 2023 18:41

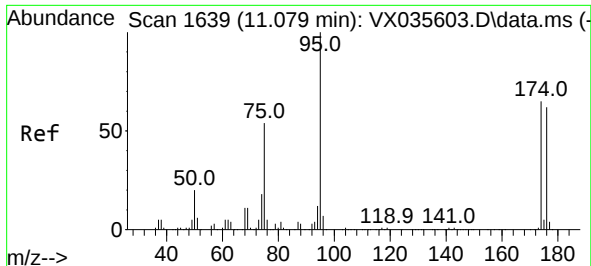
Tgt Ion: 98 Resp: 535692

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7

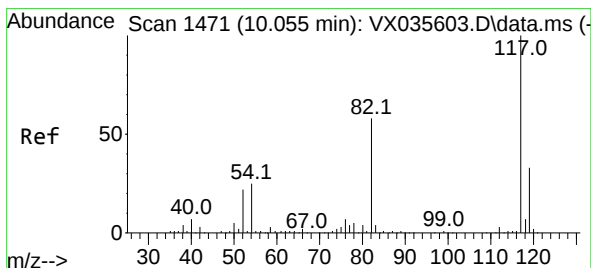
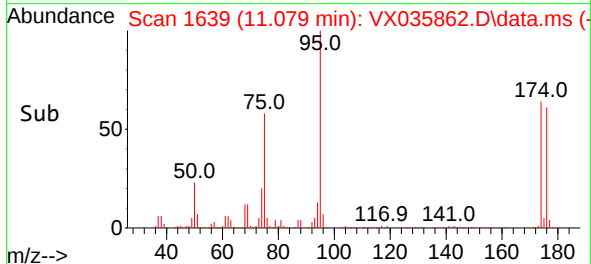
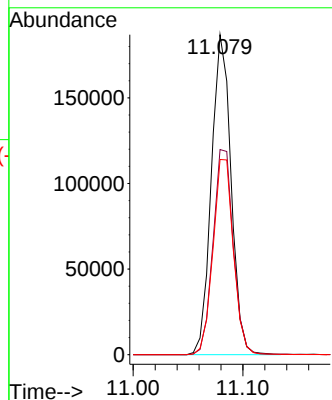
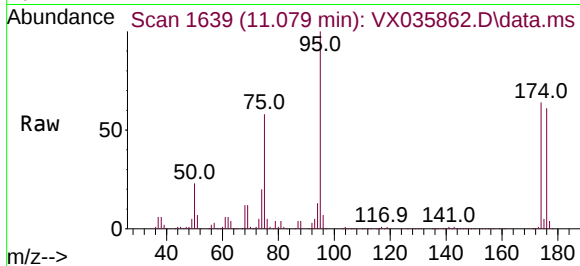




#62
4-Bromofluorobenzene
Concen: 49.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035862.D
Acq: 25 May 2023 18:41

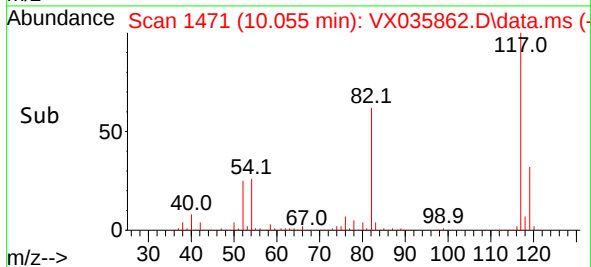
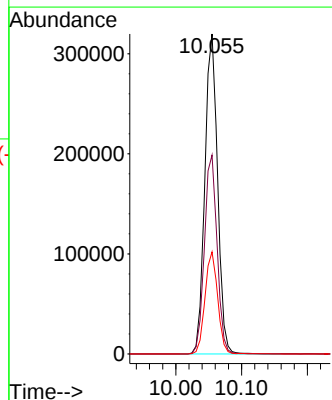
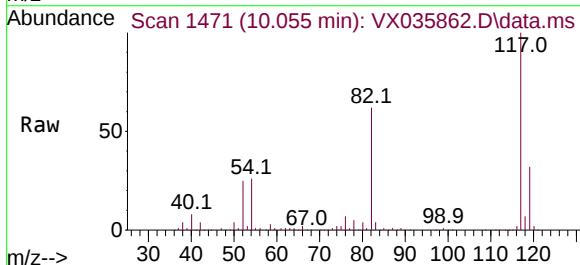
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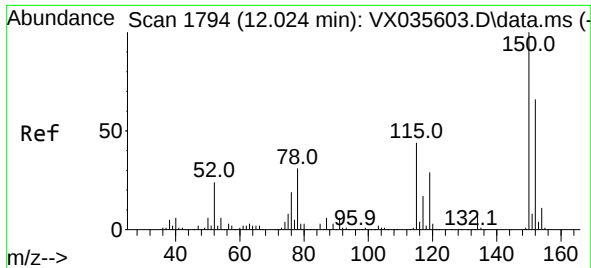
Tgt Ion: 95 Resp: 233298
Ion Ratio Lower Upper
95 100
174 66.4 0.0 147.4
176 63.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035862.D
Acq: 25 May 2023 18:41

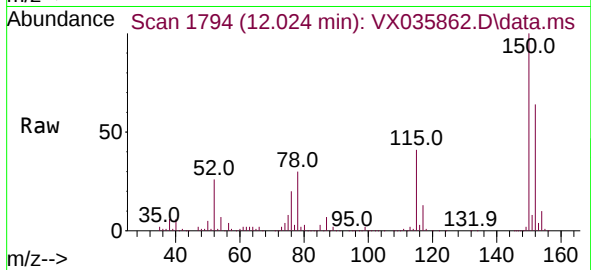
Tgt Ion: 117 Resp: 430551
Ion Ratio Lower Upper
117 100
82 62.1 45.0 67.4
119 31.9 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035862.D
 Acq: 25 May 2023 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4



Tgt Ion:152 Resp: 206828
 Ion Ratio Lower Upper
 152 100
 115 65.4 45.0 135.0
 150 156.3 0.0 352.4

