

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030833.D
 Acq On : 26 Aug 2022 18:36
 Operator : JC/MD
 Sample : N4262-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101D

Quant Time: Aug 27 02:41:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

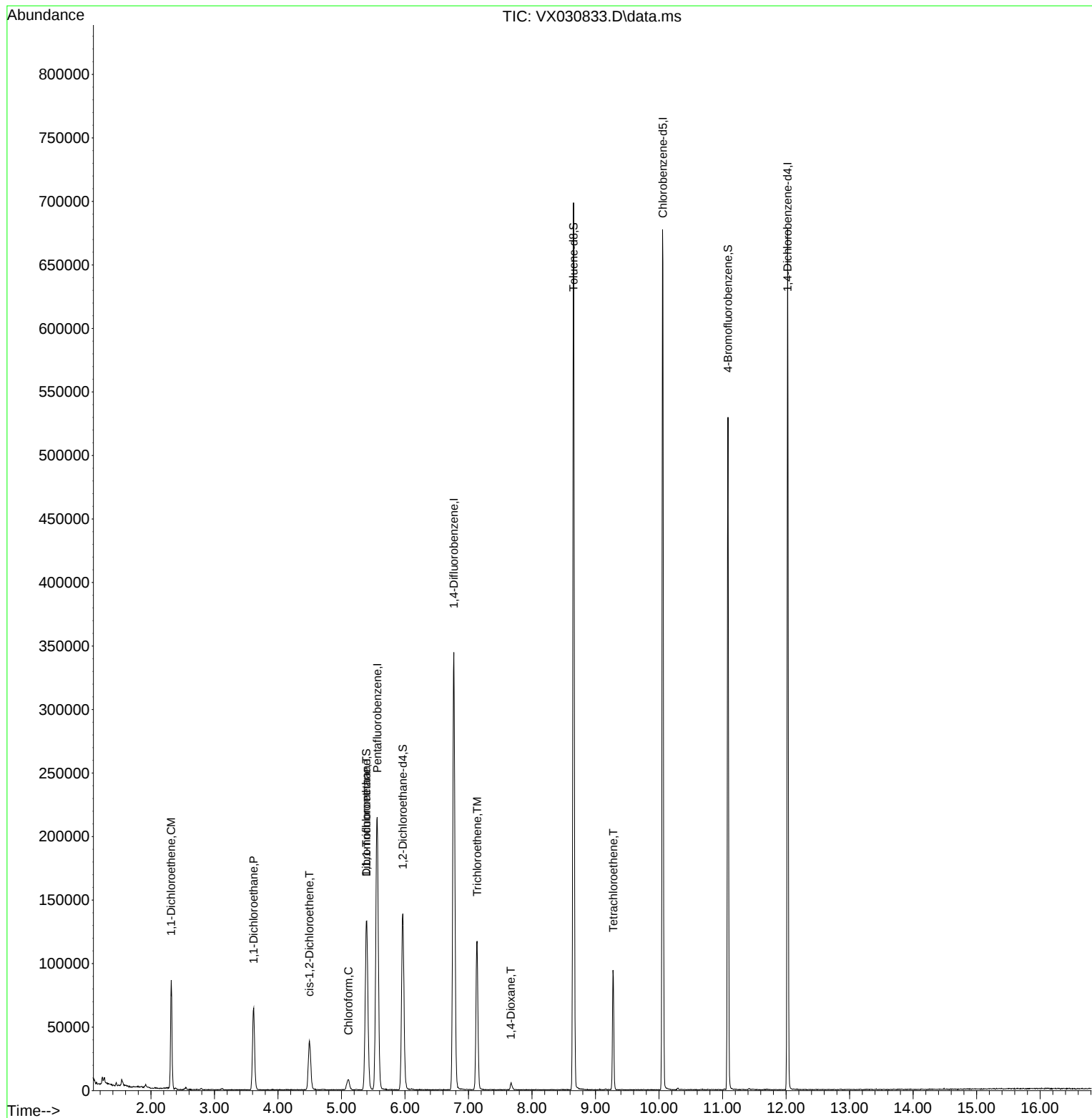
Internal Standards						
1) Pentafluorobenzene	5.562	168	202923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	351211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	314814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	132858	55.661	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.320%
35) Dibromofluoromethane	5.391	113	111077	51.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.920%
50) Toluene-d8	8.653	98	412856	54.889	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.780%
62) 4-Bromofluorobenzene	11.085	95	138546	49.476	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.960%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.319	96	28054	15.251	ug/l	92
24) 1,1-Dichloroethane	3.617	63	72559	18.725	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	25039	10.257	ug/l	93
30) Chloroform	5.111	83	10801	2.648	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	9316	2.825	ug/l	100
44) Trichloroethene	7.135	130	45710	17.992	ug/l	94
49) 1,4-Dioxane	7.665	88	4083	63.273	ug/l	94
64) Tetrachloroethene	9.281	164	17613	7.102	ug/l	92

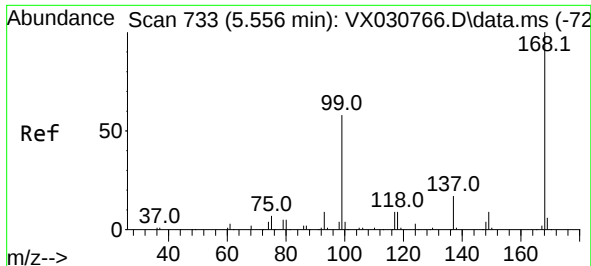
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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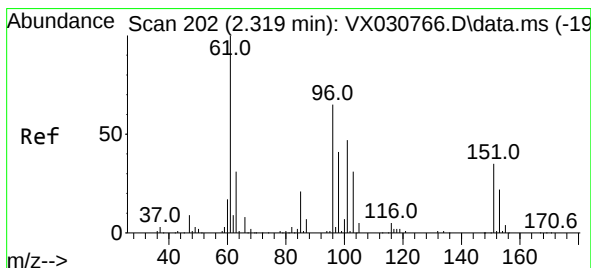
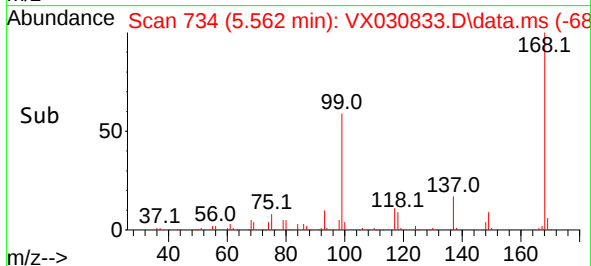
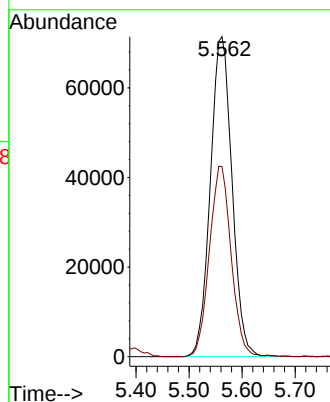
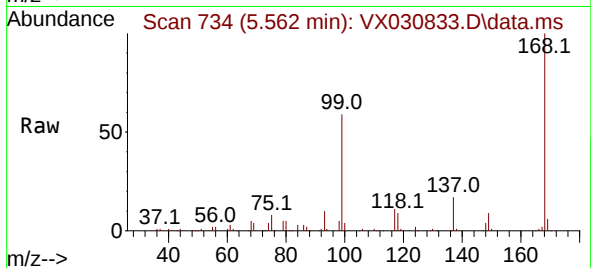




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030833.D
Acq: 26 Aug 2022 18:36

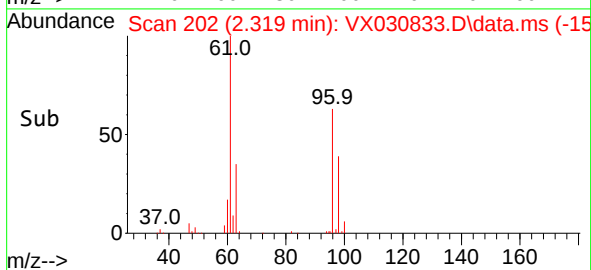
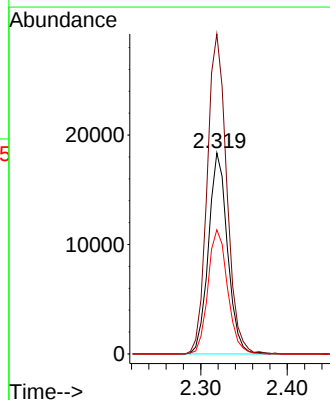
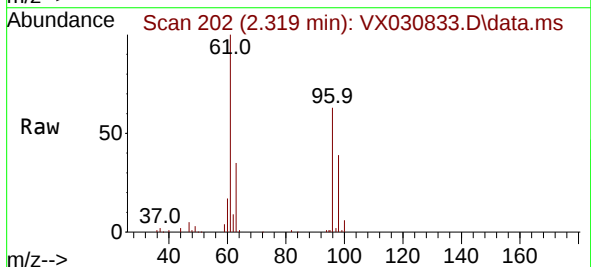
Instrument :
MSVOA_X
ClientSampleId :
MW-101D

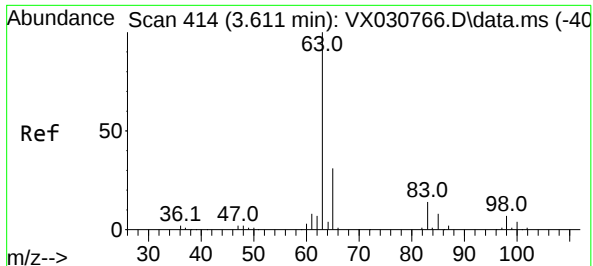
Tgt Ion:168 Resp: 202923
Ion Ratio Lower Upper
168 100
99 59.5 44.0 66.0



#12
1,1-Dichloroethene
Concen: 15.251 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030833.D
Acq: 26 Aug 2022 18:36

Tgt Ion: 96 Resp: 28054
Ion Ratio Lower Upper
96 100
61 159.1 117.4 176.0
98 61.7 52.2 78.4

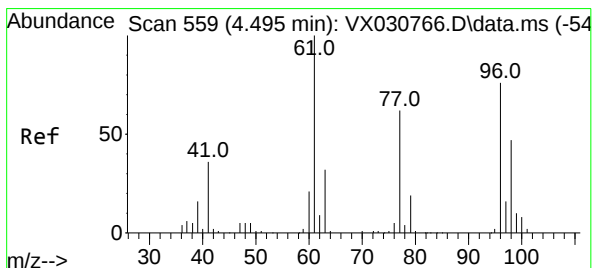
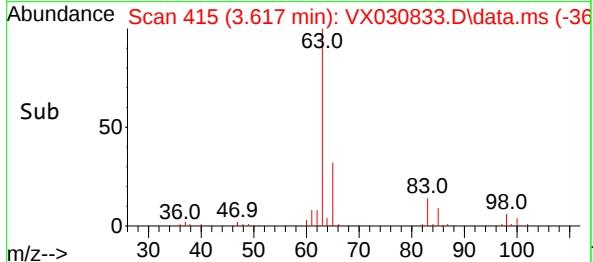
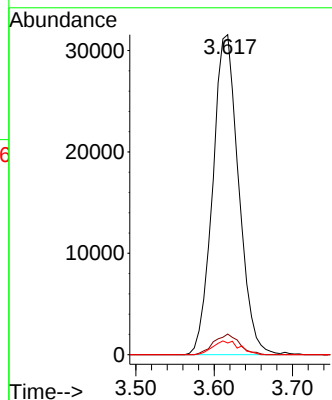
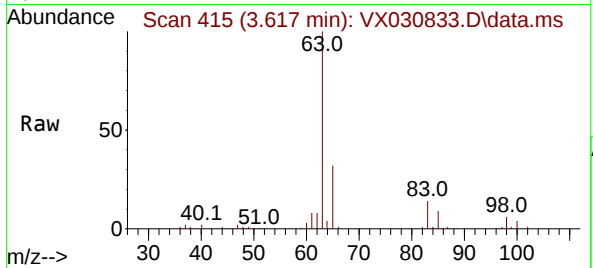




#24
1,1-Dichloroethane
Concen: 18.725 ug/l
RT: 3.617 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX030833.D
Acq: 26 Aug 2022 18:36

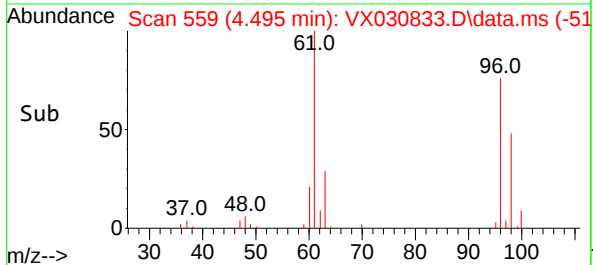
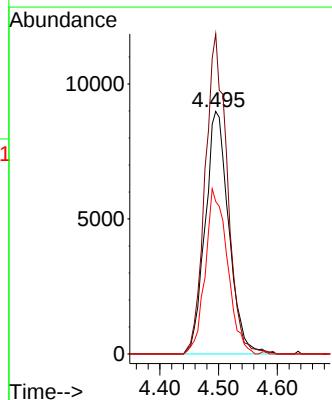
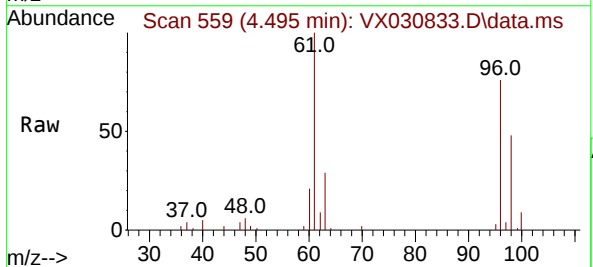
Instrument :
MSVOA_X
ClientSampleId :
MW-101D

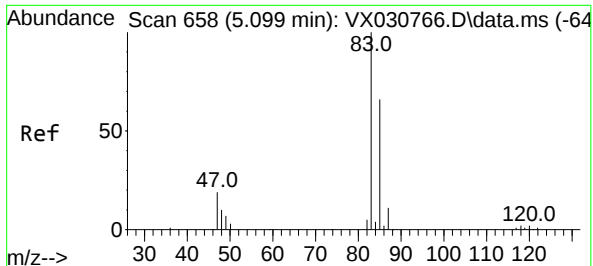
Tgt Ion: 63 Resp: 72559
Ion Ratio Lower Upper
63 100
98 6.4 3.5 10.5
100 3.7 2.3 6.9



#27
cis-1,2-Dichloroethene
Concen: 10.257 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX030833.D
Acq: 26 Aug 2022 18:36

Tgt Ion: 96 Resp: 25039
Ion Ratio Lower Upper
96 100
61 123.2 0.0 270.0
98 63.7 0.0 127.8





#30

Chloroform

Concen: 2.648 ug/l

RT: 5.111 min Scan# 60

Delta R.T. 0.012 min

Lab File: VX030833.D

Acq: 26 Aug 2022 18:36

Instrument :

MSVOA_X

ClientSampleId :

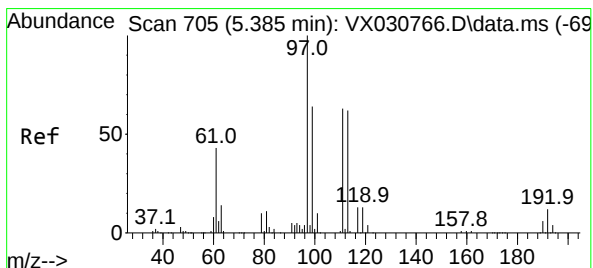
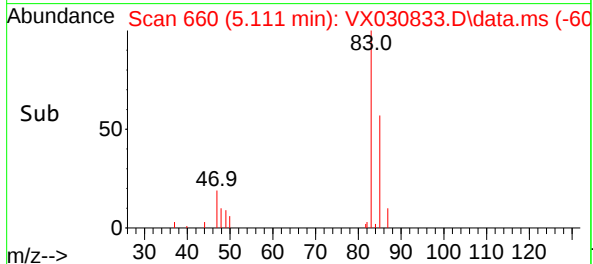
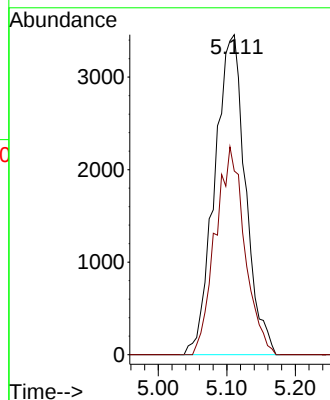
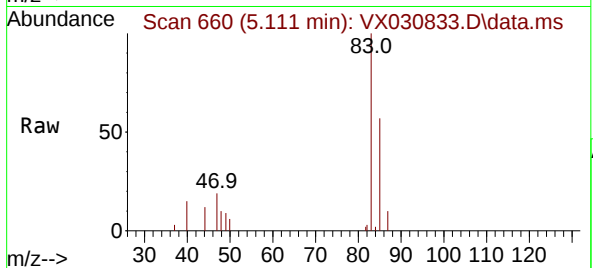
MW-101D

Tgt Ion: 83 Resp: 10801

Ion Ratio Lower Upper

83 100

85 57.4 51.5 77.3



#32

1,1,1-Trichloroethane

Concen: 2.825 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030833.D

Acq: 26 Aug 2022 18:36

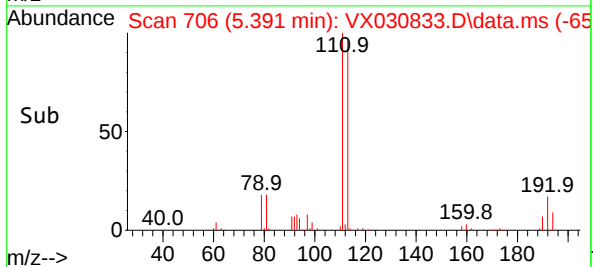
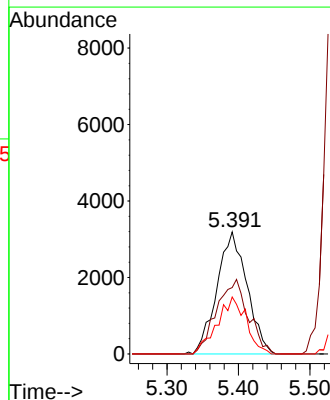
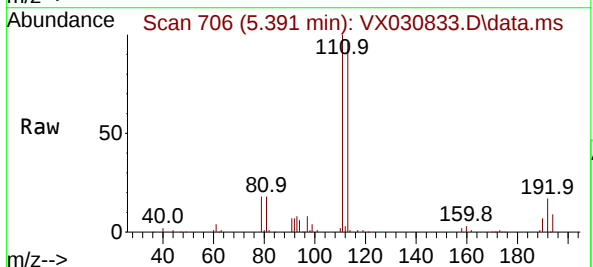
Tgt Ion: 97 Resp: 9316

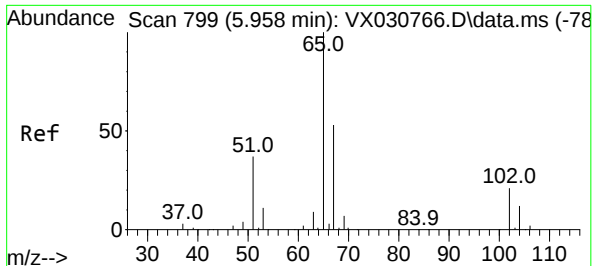
Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.0

61 45.1 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 55.661 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030833.D

Acq: 26 Aug 2022 18:36

Instrument :

MSVOA_X

ClientSampleId :

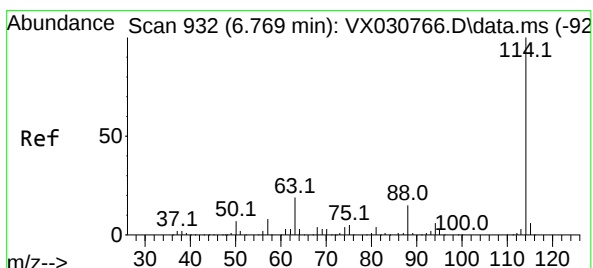
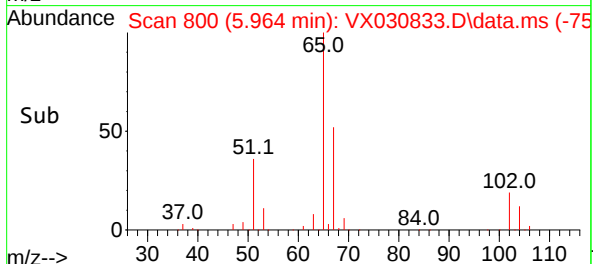
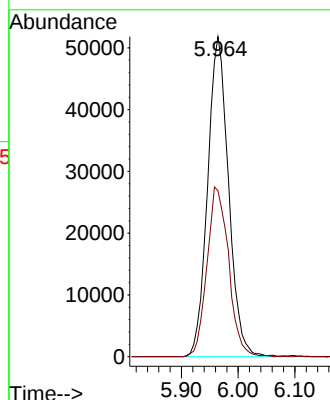
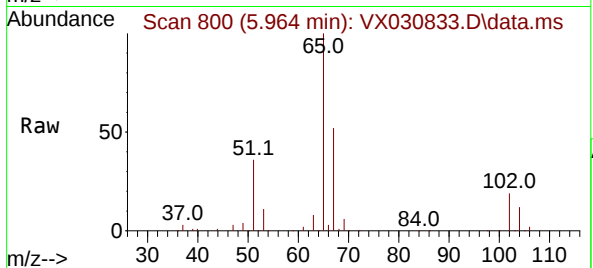
MW-101D

Tgt Ion: 65 Resp: 132858

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030833.D

Acq: 26 Aug 2022 18:36

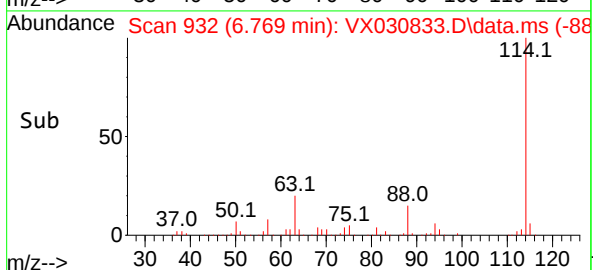
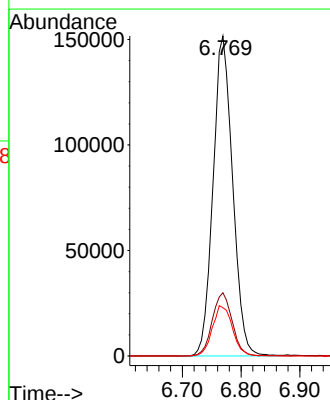
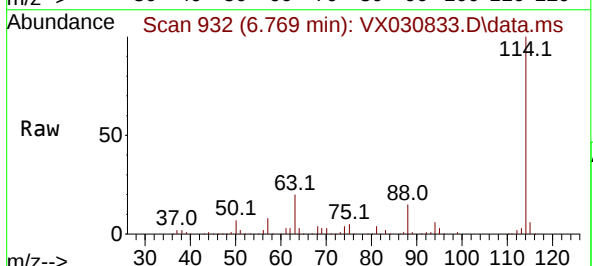
Tgt Ion: 114 Resp: 351211

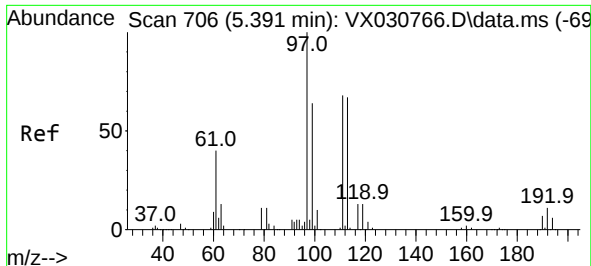
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

88 15.1 0.0 31.8

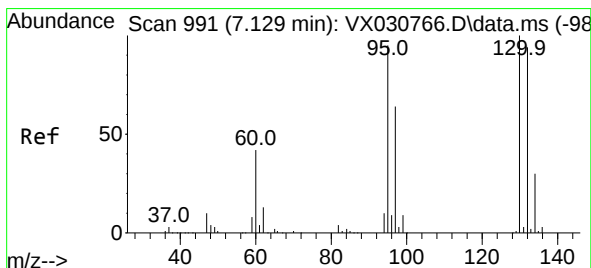
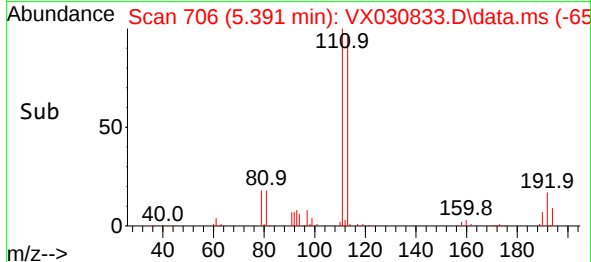
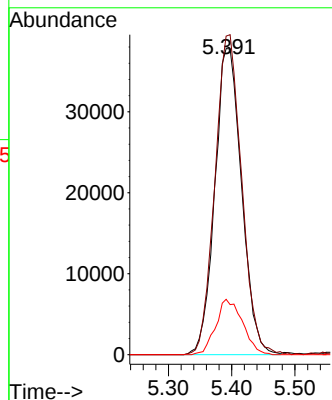
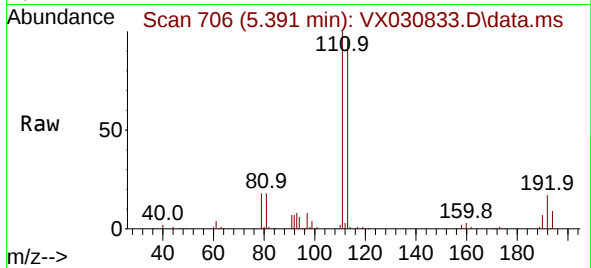




#35
Dibromofluoromethane
Concen: 51.461 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030833.D
Acq: 26 Aug 2022 18:36

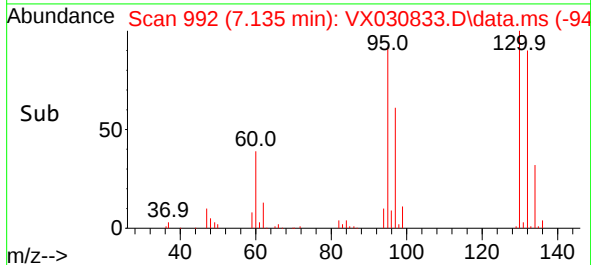
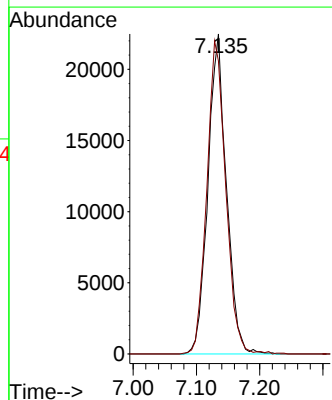
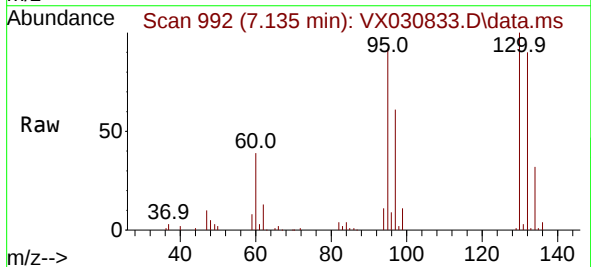
Instrument :
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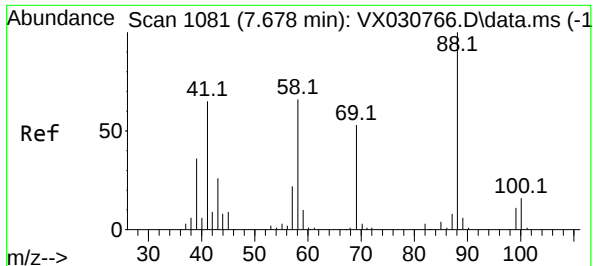
Tgt Ion:113 Resp: 111077
Ion Ratio Lower Upper
113 100
111 104.3 83.2 124.8
192 18.1 14.8 22.2



#44
Trichloroethene
Concen: 17.992 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030833.D
Acq: 26 Aug 2022 18:36

Tgt Ion:130 Resp: 45710
Ion Ratio Lower Upper
130 100
95 91.5 0.0 194.8





#49

1,4-Dioxane

Concen: 63.273 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.013 min

Lab File: VX030833.D

Acq: 26 Aug 2022 18:36

Instrument :

MSVOA_X

ClientSampleId :

MW-101D

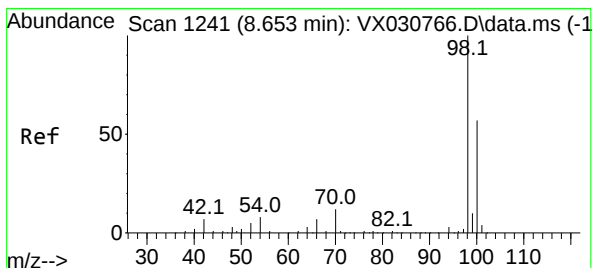
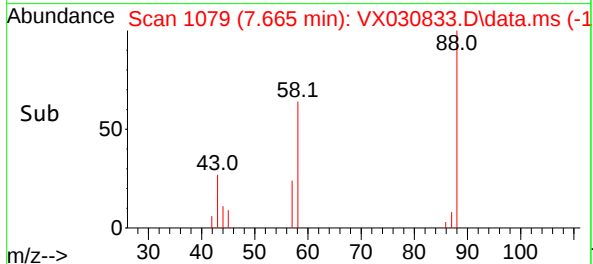
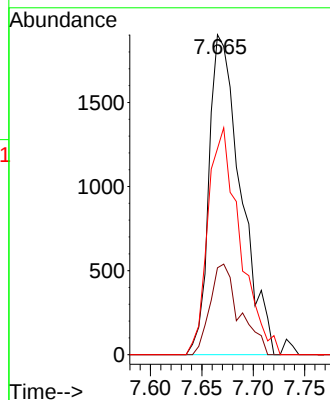
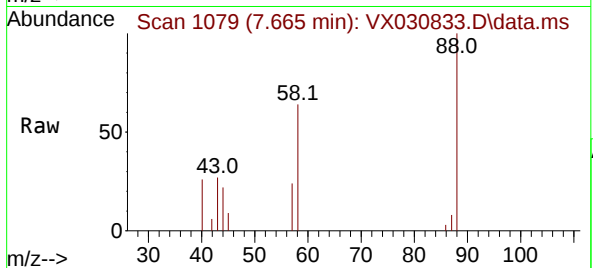
Tgt Ion: 88 Resp: 4083

Ion Ratio Lower Upper

88 100

43 26.4 23.8 35.8

58 71.8 53.8 80.6



#50

Toluene-d8

Concen: 54.889 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030833.D

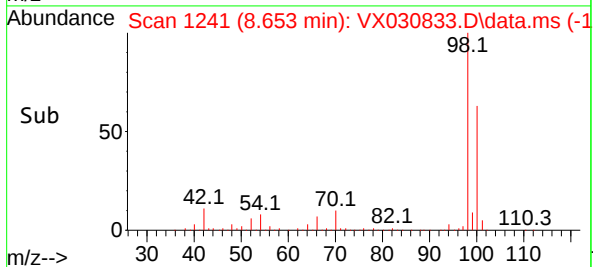
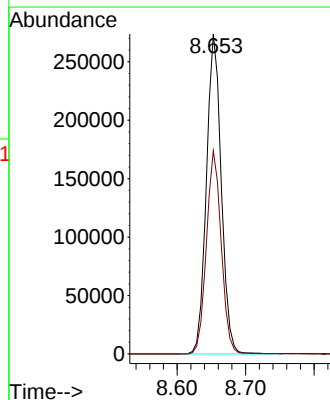
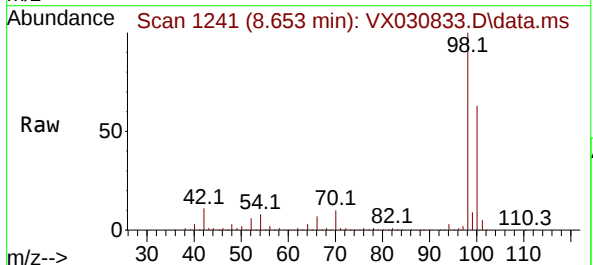
Acq: 26 Aug 2022 18:36

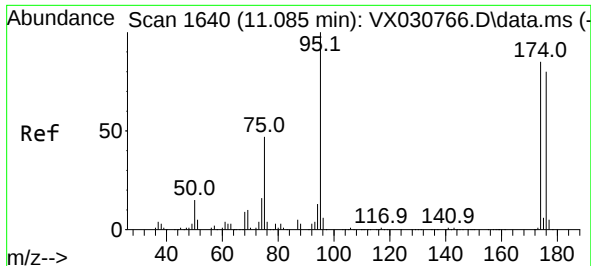
Tgt Ion: 98 Resp: 412856

Ion Ratio Lower Upper

98 100

100 63.3 52.3 78.5

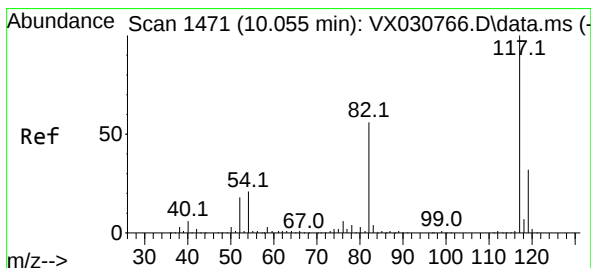
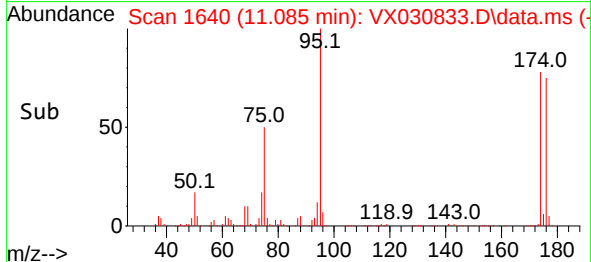
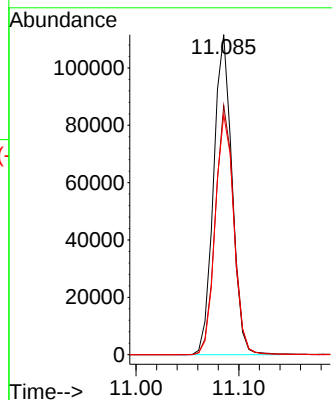
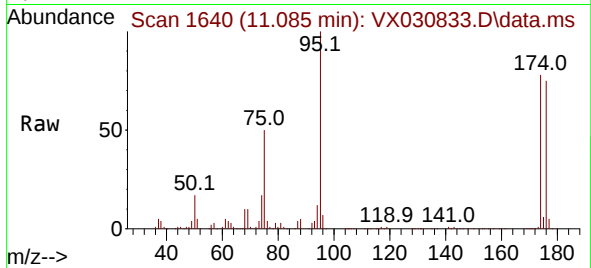




#62
4-Bromofluorobenzene
Concen: 49.476 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030833.D
Acq: 26 Aug 2022 18:36

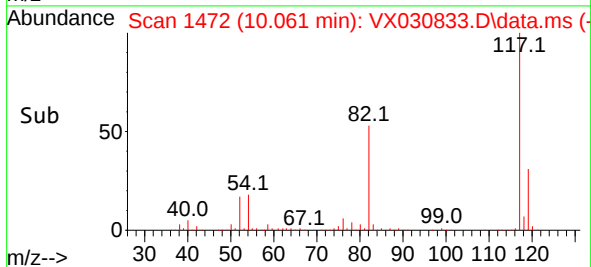
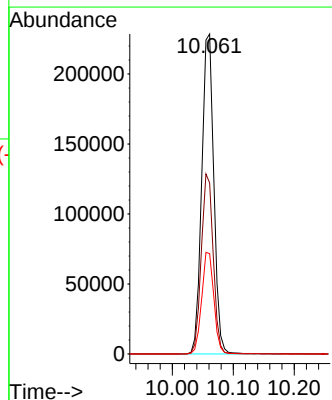
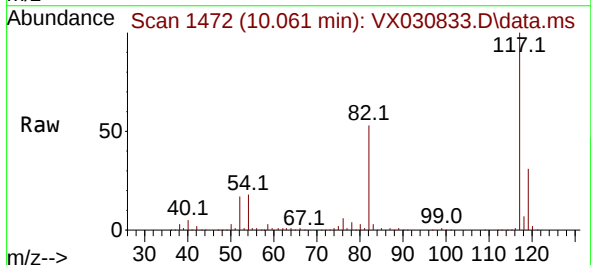
Instrument :
MSVOA_X
ClientSampleId :
MW-101D

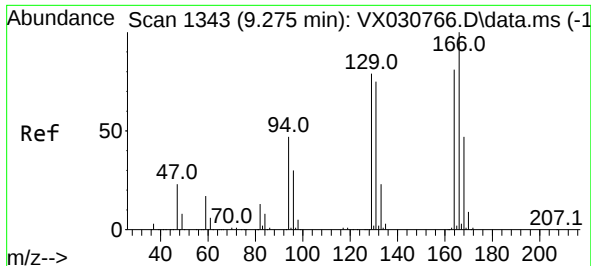
Tgt Ion: 95 Resp: 138546
Ion Ratio Lower Upper
95 100
174 78.2 0.0 149.0
176 76.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX030833.D
Acq: 26 Aug 2022 18:36

Tgt Ion: 117 Resp: 314814
Ion Ratio Lower Upper
117 100
82 53.5 42.7 64.1
119 31.3 25.4 38.2

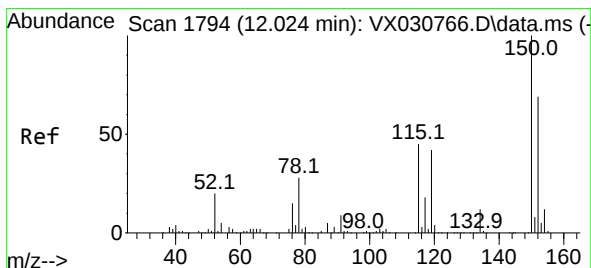
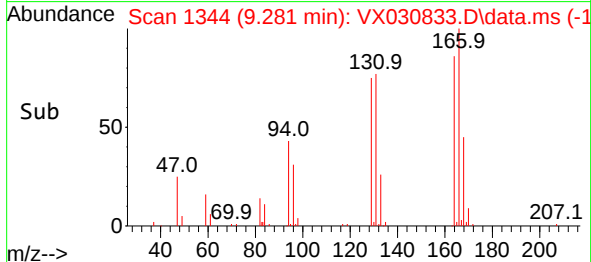
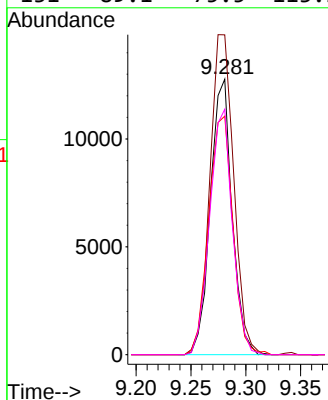
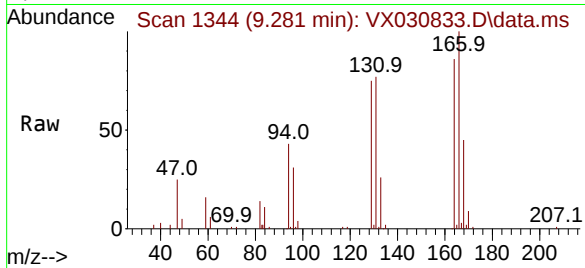




#64
Tetrachloroethene
Concen: 7.102 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030833.D
Acq: 26 Aug 2022 18:36

Instrument :
MSVOA_X
ClientSampleId :
MW-101D

Tgt Ion:164 Resp: 17613
Ion Ratio Lower Upper
164 100
166 116.1 98.2 147.4
129 86.6 80.8 121.2
131 89.1 75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030833.D
Acq: 26 Aug 2022 18:36

Tgt Ion:152 Resp: 133880
Ion Ratio Lower Upper
152 100
115 60.2 40.5 121.5
150 157.5 0.0 347.0

