

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030830.D
 Acq On : 26 Aug 2022 17:25
 Operator : JC/MD
 Sample : N4262-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102I

Quant Time: Aug 27 02:40:44 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)

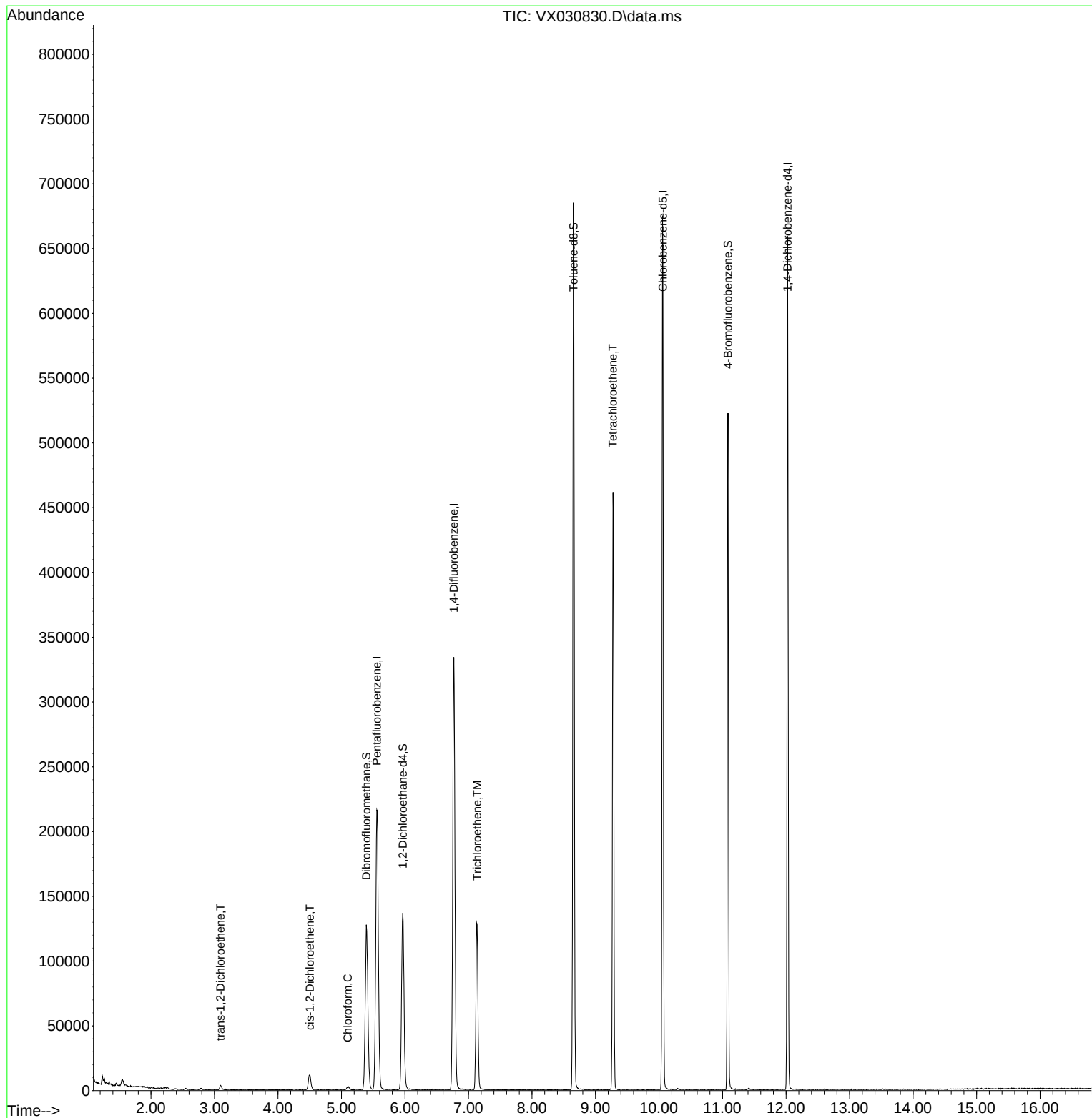
Internal Standards						
1) Pentafluorobenzene	5.555	168	204858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	346545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	314349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	130129	54.003	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.000%
35) Dibromofluoromethane	5.391	113	111884	52.532	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.060%
50) Toluene-d8	8.652	98	412174	55.537	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.080%
62) 4-Bromofluorobenzene	11.085	95	137930	49.919	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.840%
Target Compounds						
21) trans-1,2-Dichloroethene	3.093	96	1618	0.811	ug/l #	75
27) cis-1,2-Dichloroethene	4.501	96	8039	3.262	ug/l	91
30) Chloroform	5.098	83	2881	0.700	ug/l #	80
44) Trichloroethene	7.134	130	51939	20.719	ug/l	99
64) Tetrachloroethene	9.274	164	87896	35.496	ug/l	96

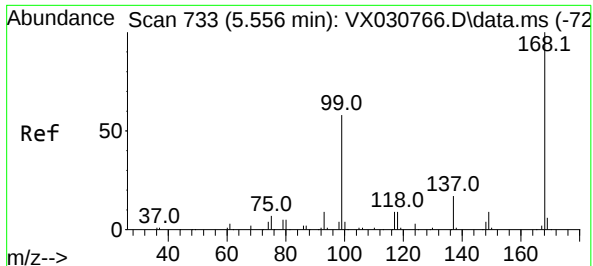
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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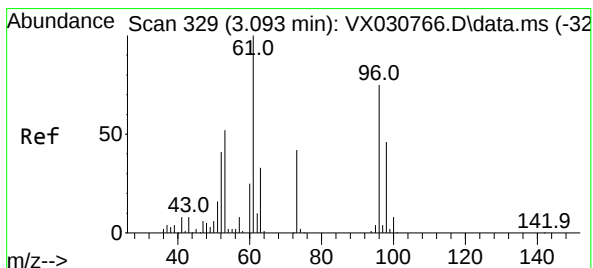
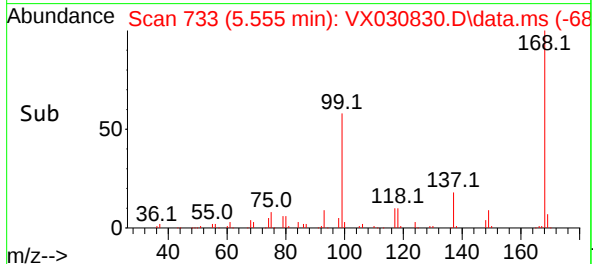
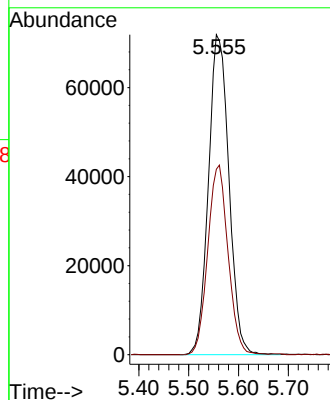
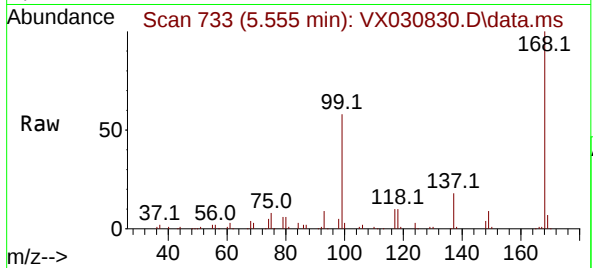




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

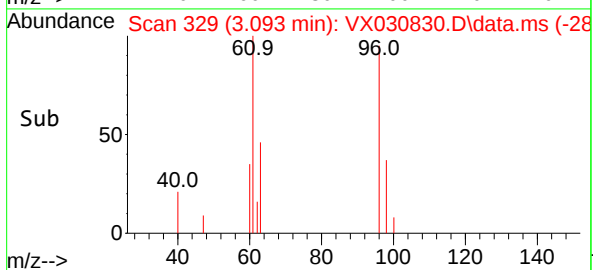
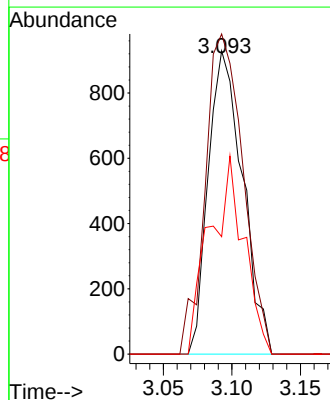
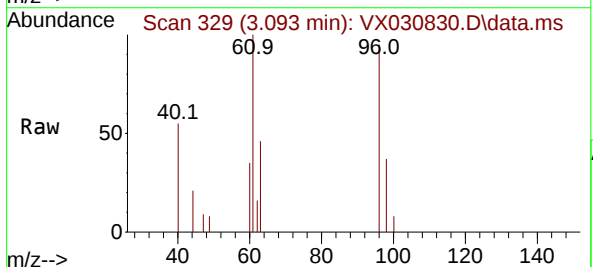
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

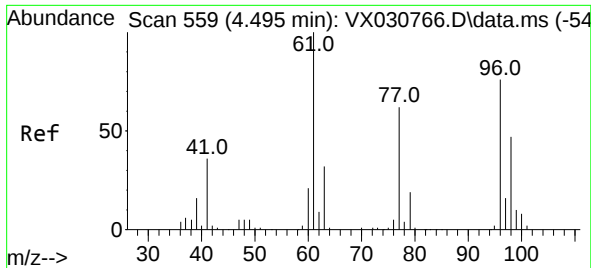
Tgt Ion:168 Resp: 204858
Ion Ratio Lower Upper
168 100
99 58.0 44.0 66.0



#21
trans-1,2-Dichloroethene
Concen: 0.811 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Tgt Ion: 96 Resp: 1618
Ion Ratio Lower Upper
96 100
61 105.6 105.6 158.4#
98 38.8 50.1 75.1#





#27

cis-1,2-Dichloroethene

Concen: 3.262 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX030830.D

Acq: 26 Aug 2022 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW-102I

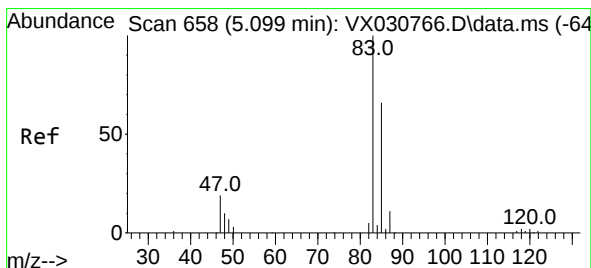
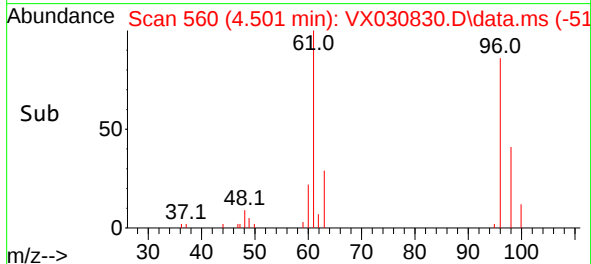
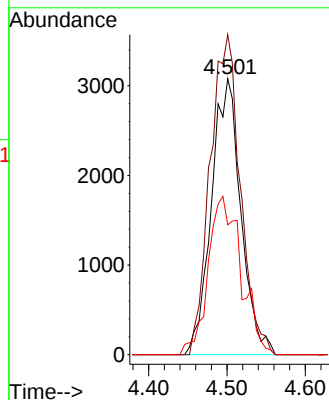
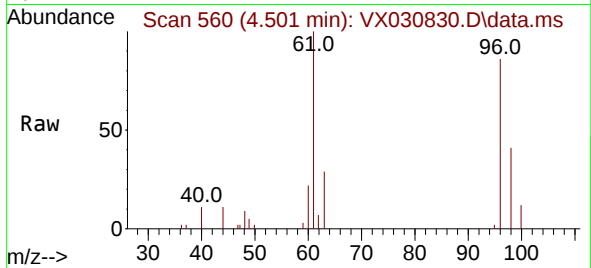
Tgt Ion: 96 Resp: 8039

Ion Ratio Lower Upper

96 100

61 118.9 0.0 270.0

98 64.2 0.0 127.8



#30

Chloroform

Concen: 0.700 ug/l

RT: 5.098 min Scan# 658

Delta R.T. -0.001 min

Lab File: VX030830.D

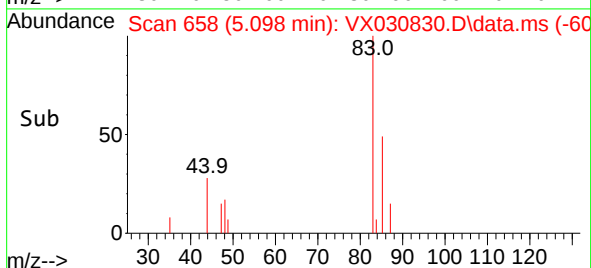
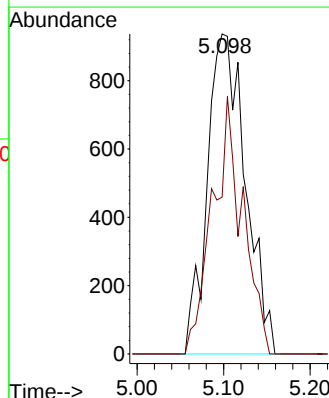
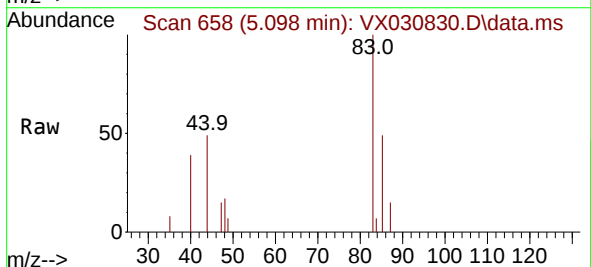
Acq: 26 Aug 2022 17:25

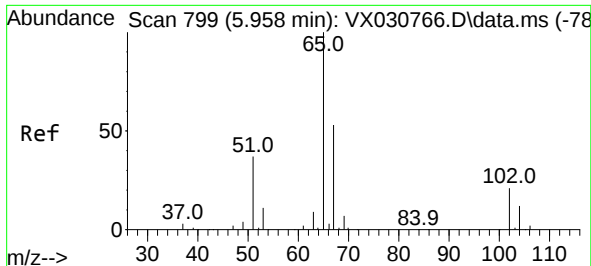
Tgt Ion: 83 Resp: 2881

Ion Ratio Lower Upper

83 100

85 49.0 51.5 77.3#





#33

1,2-Dichloroethane-d4

Concen: 54.003 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030830.D

Acq: 26 Aug 2022 17:25

Instrument :

MSVOA_X

ClientSampleId :

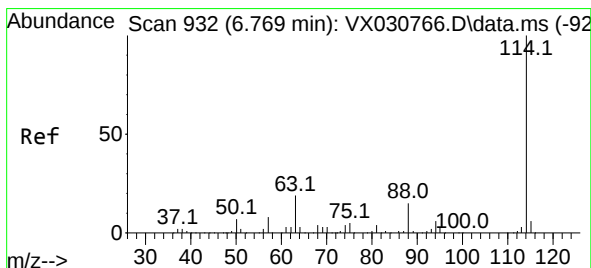
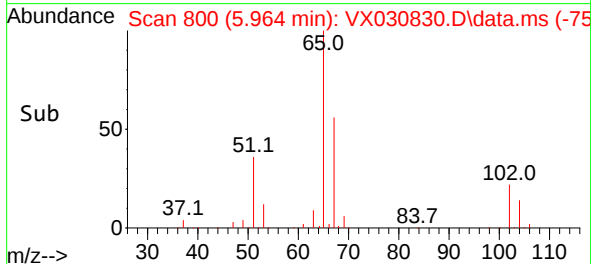
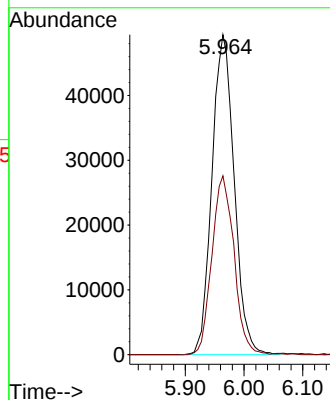
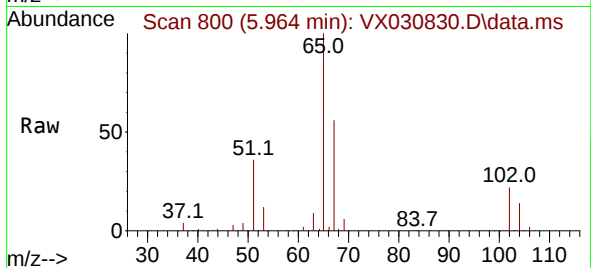
MW-102I

Tgt Ion: 65 Resp: 130129

Ion Ratio Lower Upper

65 100

67 55.4 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: VX030830.D

Acq: 26 Aug 2022 17:25

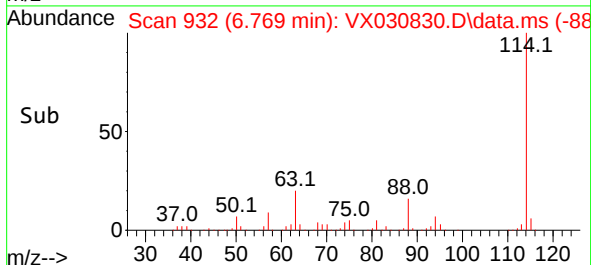
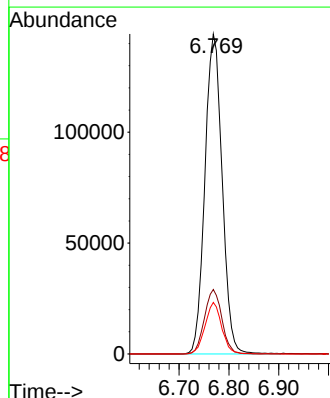
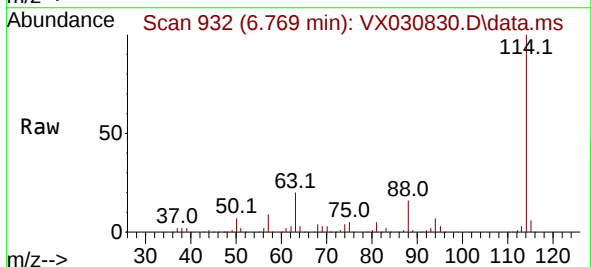
Tgt Ion: 114 Resp: 346545

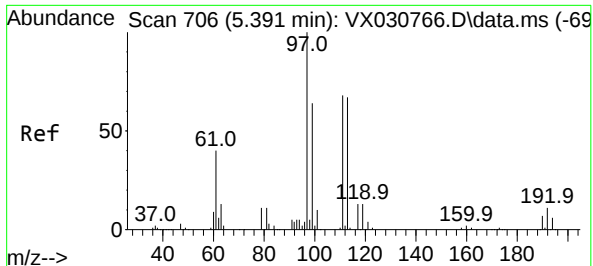
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.532 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX030830.D

Acq: 26 Aug 2022 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW-102I

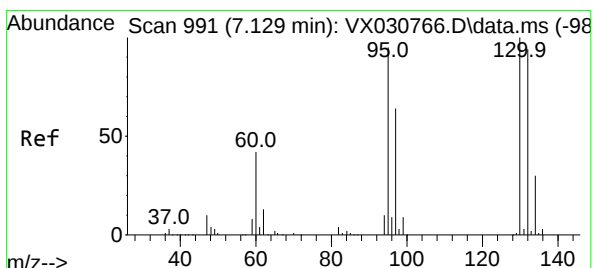
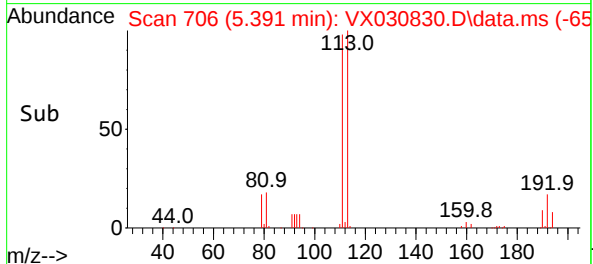
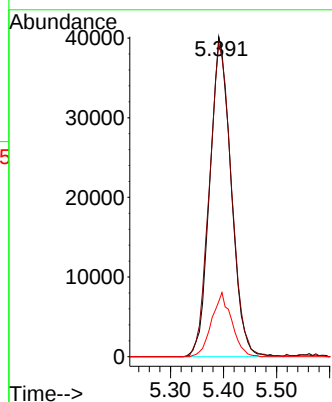
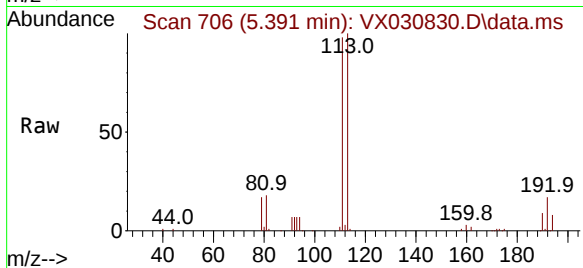
Tgt Ion:113 Resp: 111884

Ion Ratio Lower Upper

113 100

111 101.7 83.2 124.8

192 19.0 14.8 22.2



#44

Trichloroethene

Concen: 20.719 ug/l

RT: 7.134 min Scan# 992

Delta R.T. 0.005 min

Lab File: VX030830.D

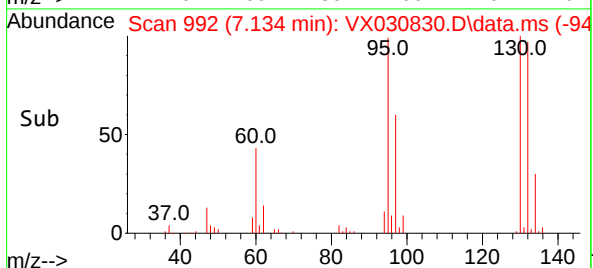
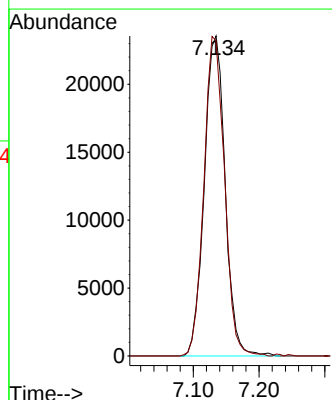
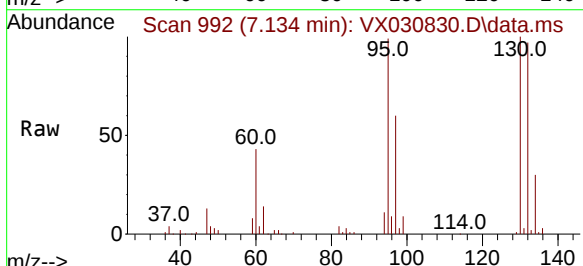
Acq: 26 Aug 2022 17:25

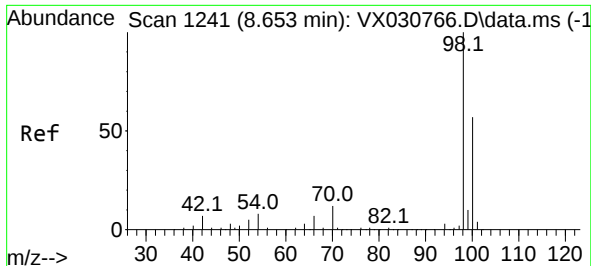
Tgt Ion:130 Resp: 51939

Ion Ratio Lower Upper

130 100

95 98.6 0.0 194.8

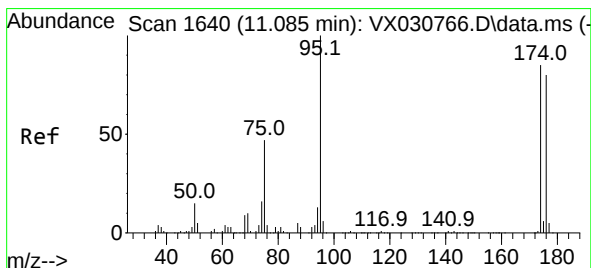
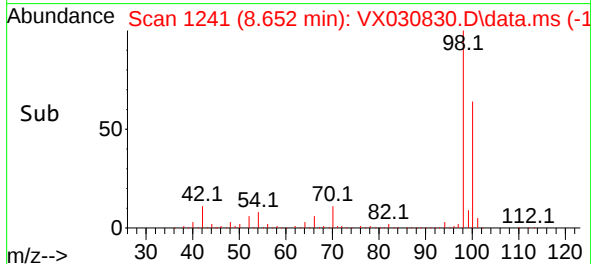
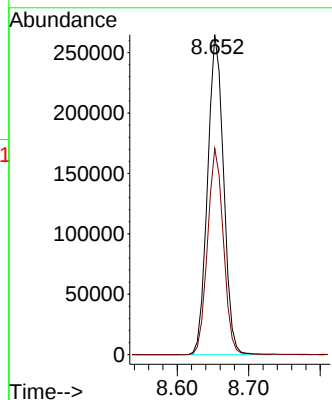
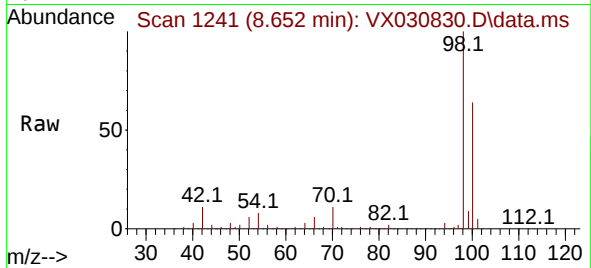




#50
Toluene-d8
Concen: 55.537 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

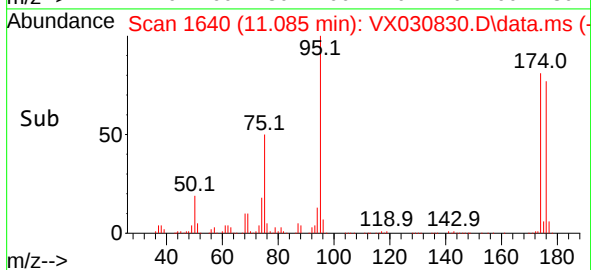
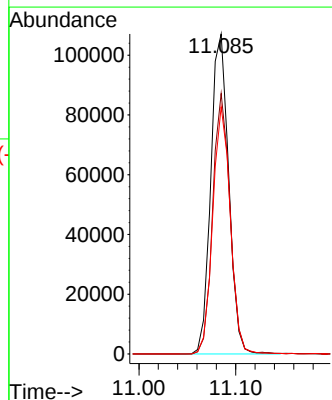
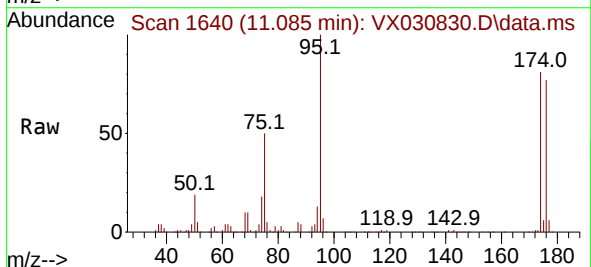
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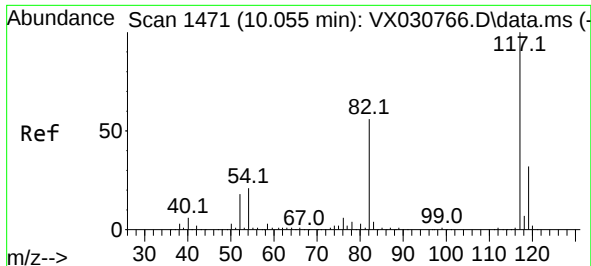
Tgt Ion: 98 Resp: 412174
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.919 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Tgt Ion: 95 Resp: 137930
Ion Ratio Lower Upper
95 100
174 78.8 0.0 149.0
176 75.9 0.0 146.0

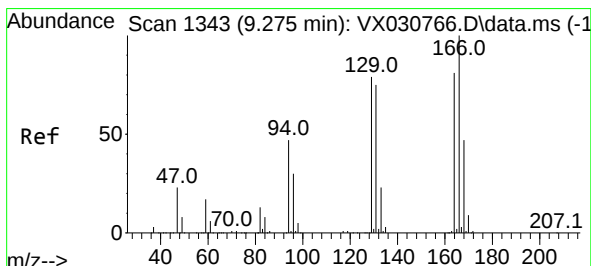
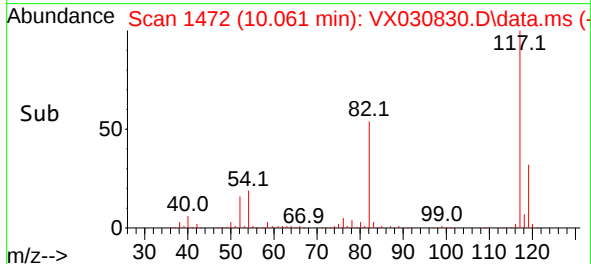
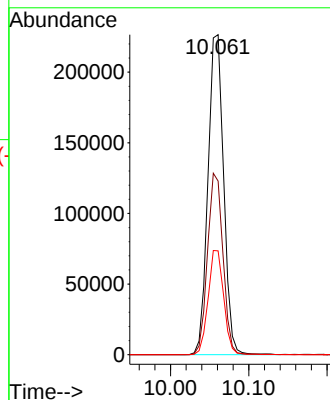
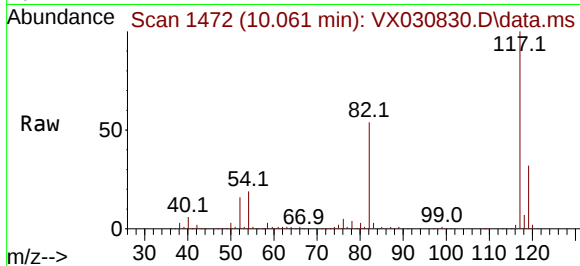




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

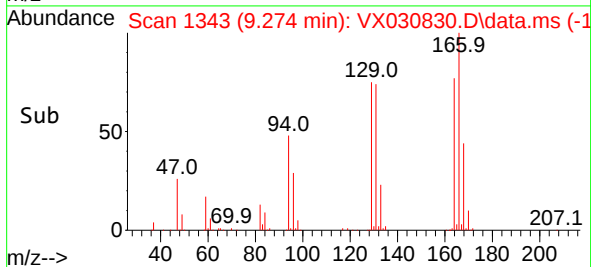
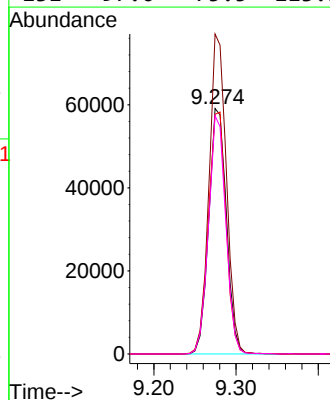
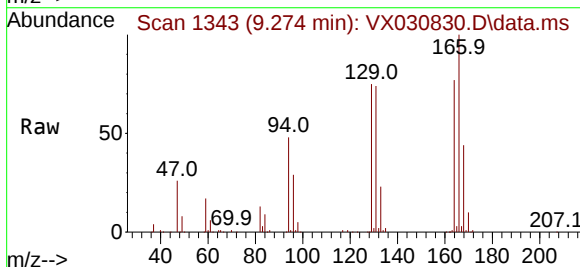
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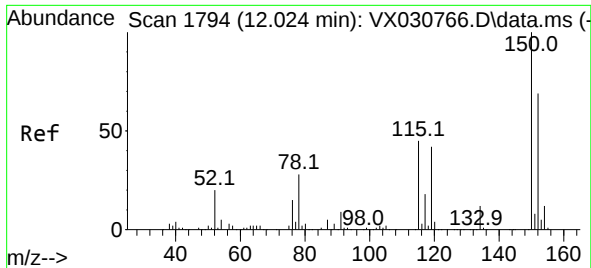
Tgt Ion:117 Resp: 314349
Ion Ratio Lower Upper
117 100
82 54.3 42.7 64.1
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 35.496 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

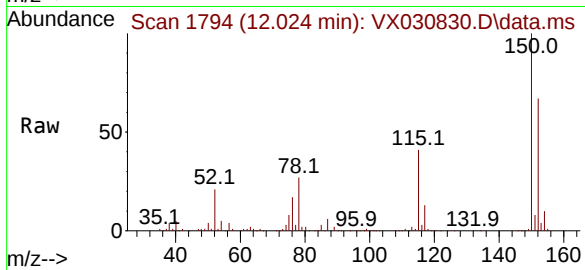
Tgt Ion:164 Resp: 87896
Ion Ratio Lower Upper
164 100
166 130.3 98.2 147.4
129 97.6 80.8 121.2
131 97.0 75.5 113.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030830.D
 Acq: 26 Aug 2022 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102I



Tgt Ion:152 Resp: 133959
 Ion Ratio Lower Upper
 152 100
 115 59.8 40.5 121.5
 150 154.4 0.0 347.0

