

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030802.D
 Acq On : 26 Aug 2022 04:11
 Operator : JC/MD
 Sample : N4262-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101S

Quant Time: Aug 26 04:58:03 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)

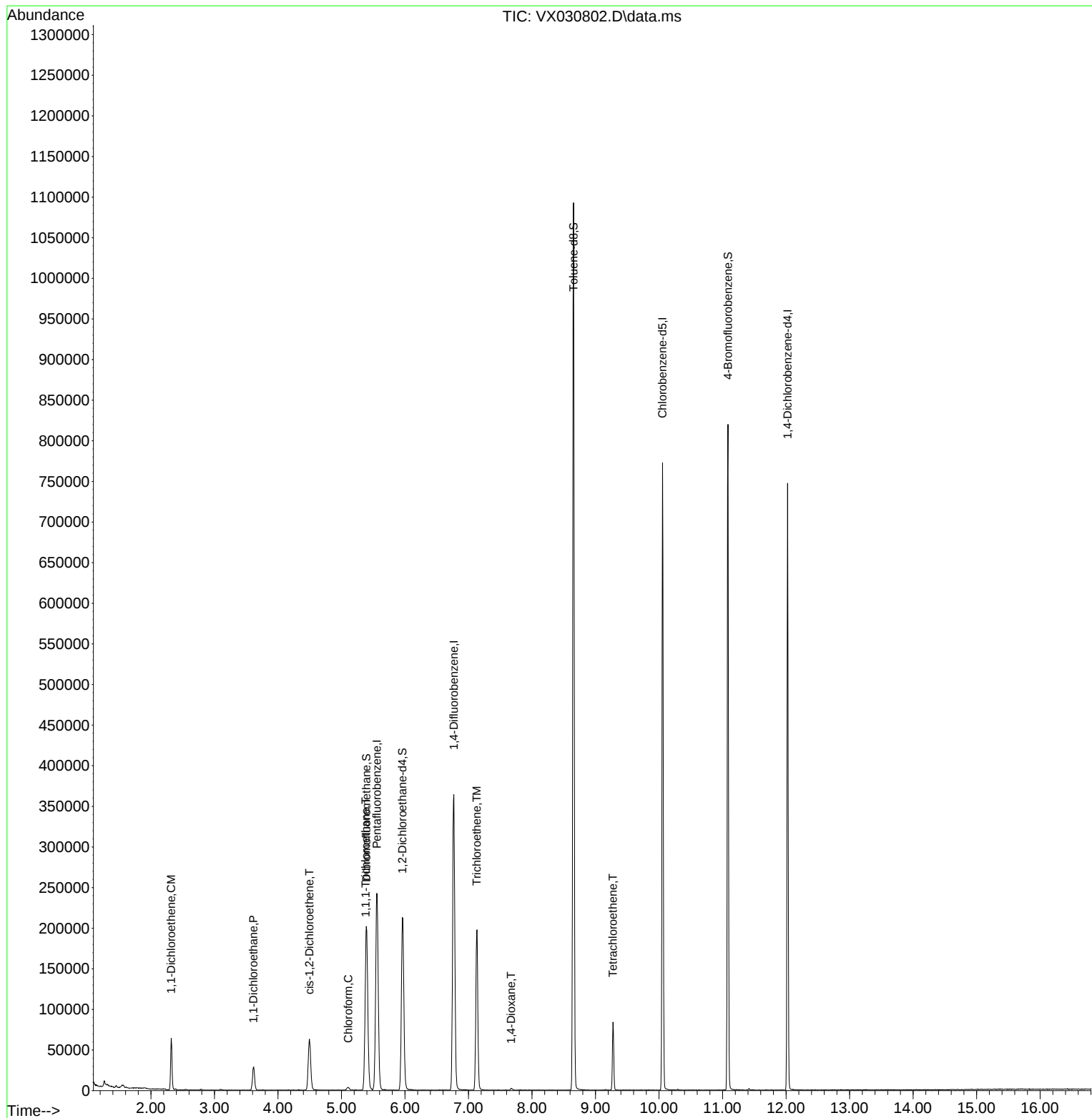
Internal Standards						
1) Pentafluorobenzene	5.556	168	232872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	389164	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207147	75.623	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 151.240%#			
35) Dibromofluoromethane	5.391	113	179138	74.899	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 149.800%#			
50) Toluene-d8	8.653	98	659695	79.153	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 158.300%#			
62) 4-Bromofluorobenzene	11.085	95	220748	71.143	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 142.280%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	20866	9.885	ug/l	95
24) 1,1-Dichloroethane	3.611	63	32140	7.228	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	41599	14.850	ug/l	93
30) Chloroform	5.105	83	4142	0.885	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	4147	1.096	ug/l #	48
44) Trichloroethene	7.129	130	79438	28.218	ug/l	97
49) 1,4-Dioxane	7.671	88	1727	24.153	ug/l	97
64) Tetrachloroethene	9.275	164	15759	5.745	ug/l	98

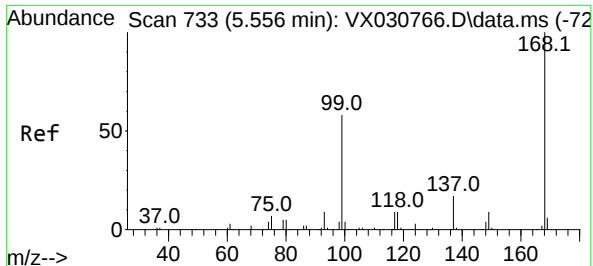
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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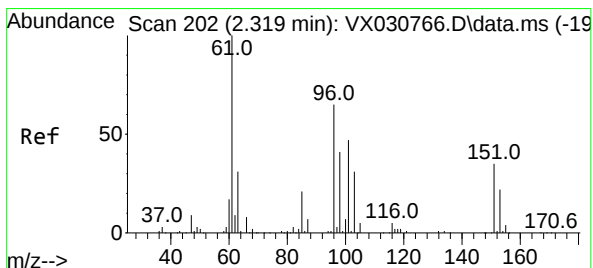
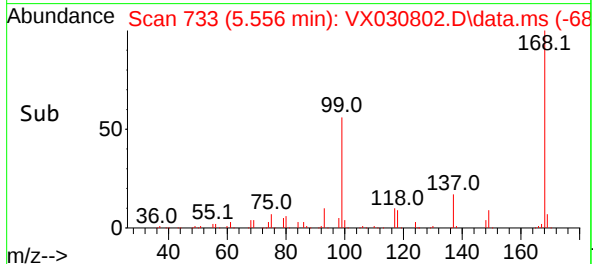
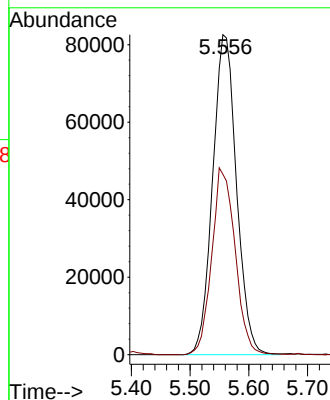
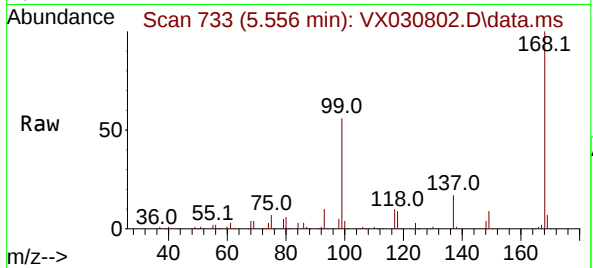




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030802.D
Acq: 26 Aug 2022 04:11

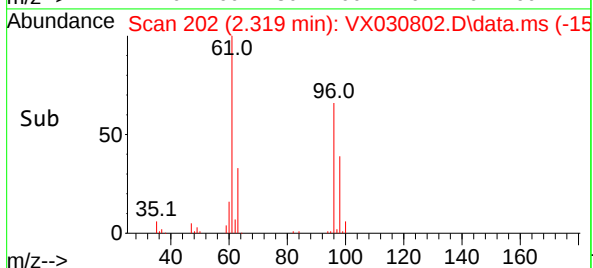
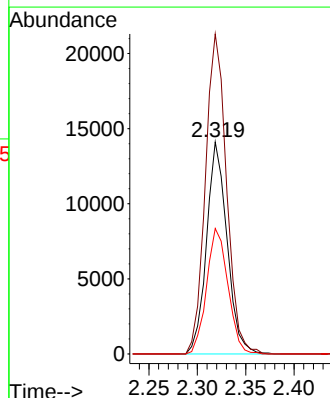
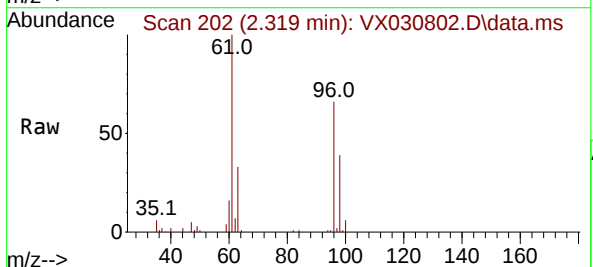
Instrument :
MSVOA_X
ClientSampleId :
MW-101S

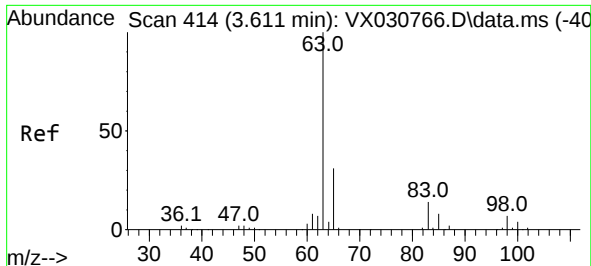
Tgt Ion:168 Resp: 232872
Ion Ratio Lower Upper
168 100
99 56.3 44.0 66.0



#12
1,1-Dichloroethene
Concen: 9.885 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030802.D
Acq: 26 Aug 2022 04:11

Tgt Ion: 96 Resp: 20866
Ion Ratio Lower Upper
96 100
61 151.0 117.4 176.0
98 59.2 52.2 78.4

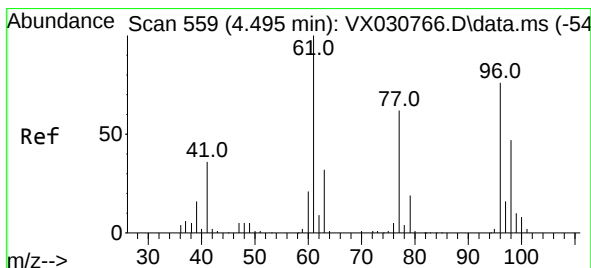
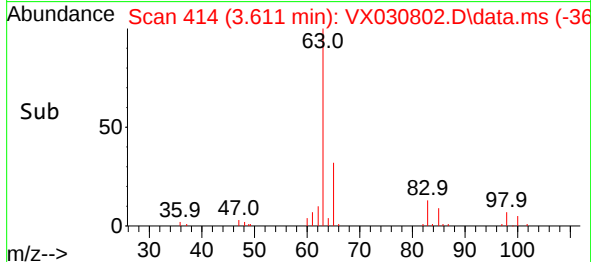
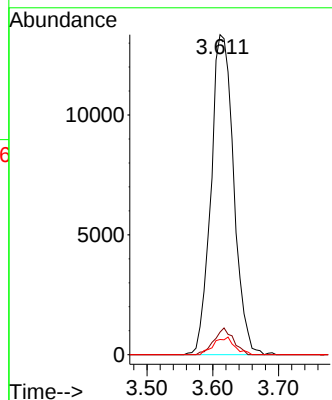
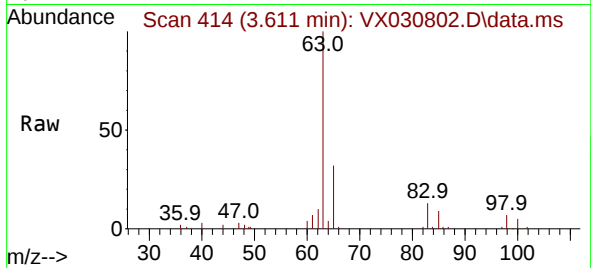




#24
 1,1-Dichloroethane
 Concen: 7.228 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX030802.D
 Acq: 26 Aug 2022 04:11

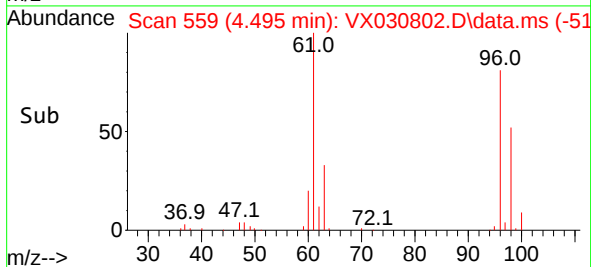
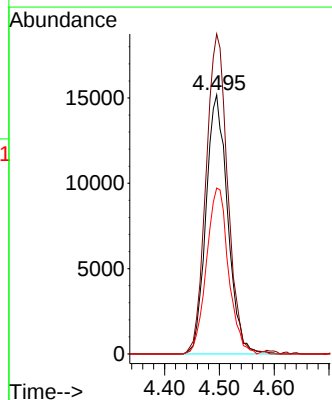
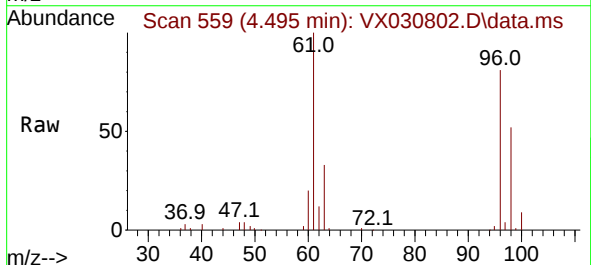
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101S

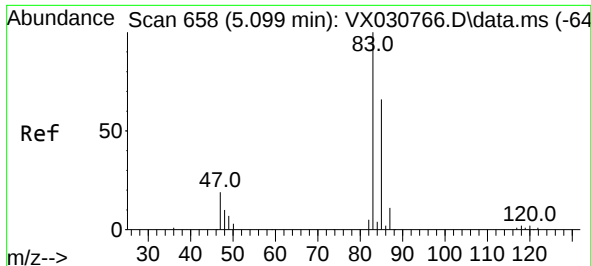
Tgt Ion: 63 Resp: 32140
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.8 2.3 6.9



#27
 cis-1,2-Dichloroethene
 Concen: 14.850 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: VX030802.D
 Acq: 26 Aug 2022 04:11

Tgt Ion: 96 Resp: 41599
 Ion Ratio Lower Upper
 96 100
 61 123.0 0.0 270.0
 98 65.0 0.0 127.8





#30

Chloroform

Concen: 0.885 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX030802.D

Acq: 26 Aug 2022 04:11

Instrument :

MSVOA_X

ClientSampleId :

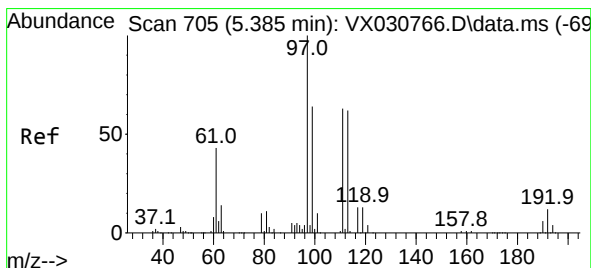
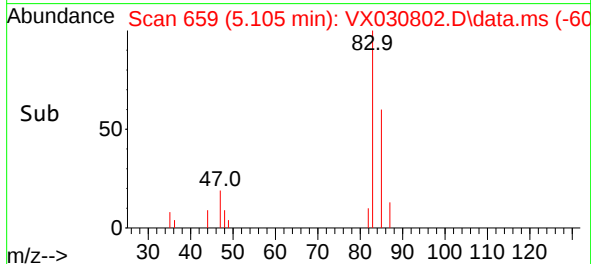
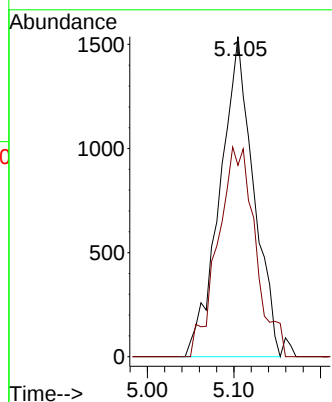
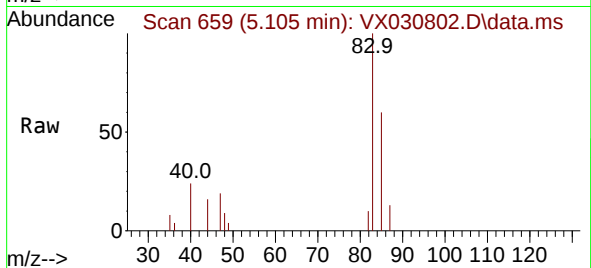
MW-101S

Tgt Ion: 83 Resp: 4142

Ion Ratio Lower Upper

83 100

85 59.8 51.5 77.3



#32

1,1,1-Trichloroethane

Concen: 1.096 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX030802.D

Acq: 26 Aug 2022 04:11

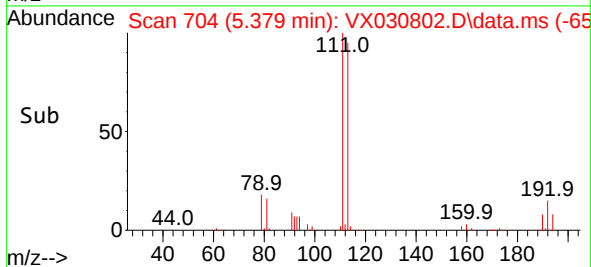
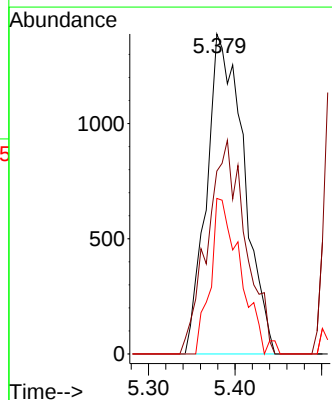
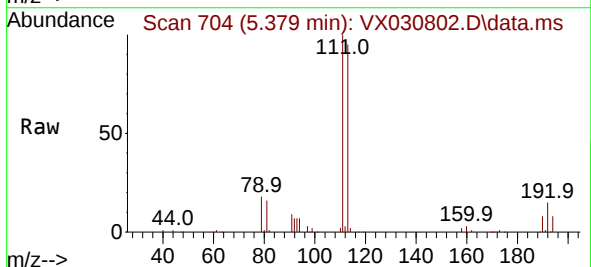
Tgt Ion: 97 Resp: 4147

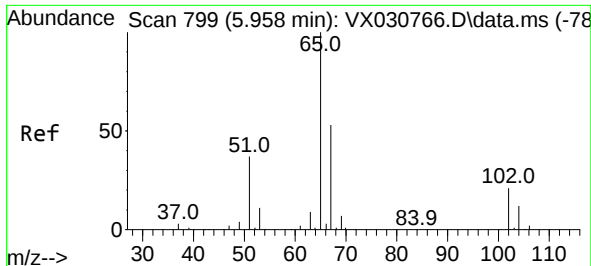
Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 39.5 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 75.623 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030802.D

Acq: 26 Aug 2022 04:11

Instrument :

MSVOA_X

ClientSampleId :

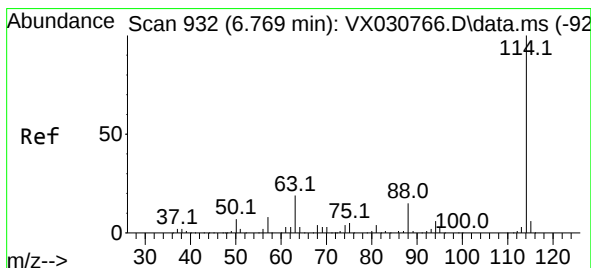
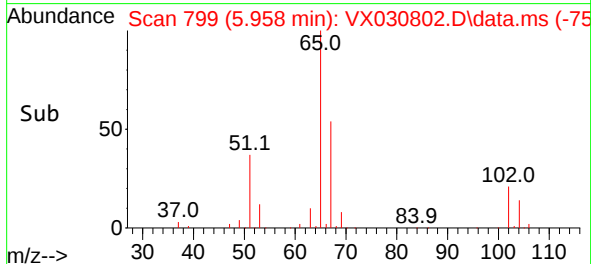
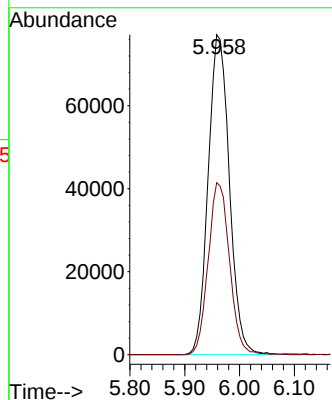
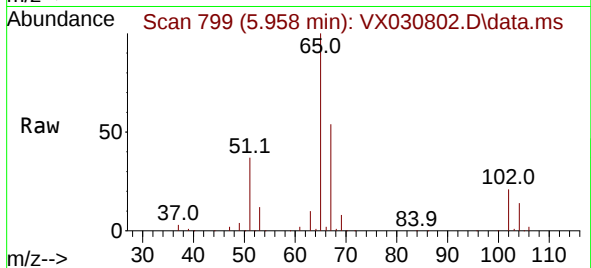
MW-101S

Tgt Ion: 65 Resp: 207147

Ion Ratio Lower Upper

65 100

67 53.9 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: VX030802.D

Acq: 26 Aug 2022 04:11

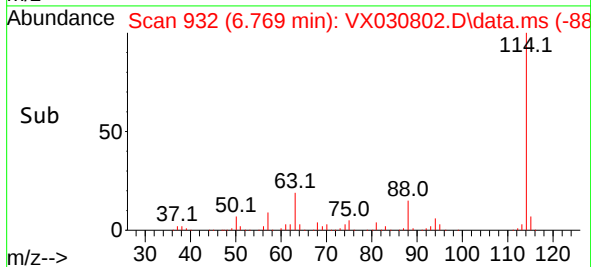
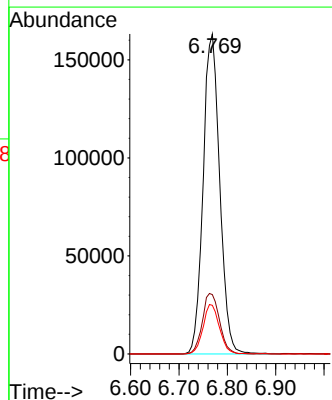
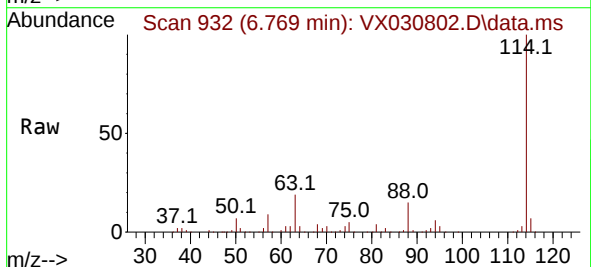
Tgt Ion: 114 Resp: 389164

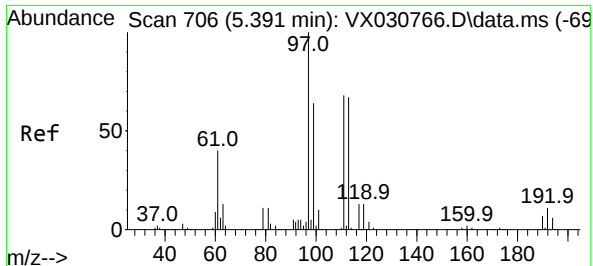
Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 74.899 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030802.D

Acq: 26 Aug 2022 04:11

Instrument :

MSVOA_X

ClientSampleId :

MW-101S

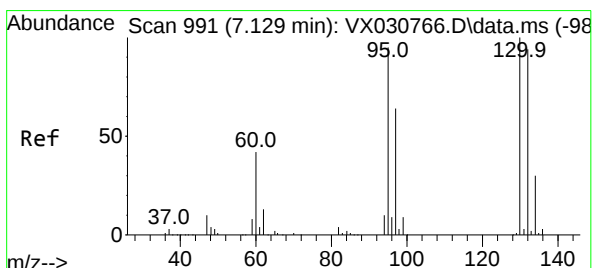
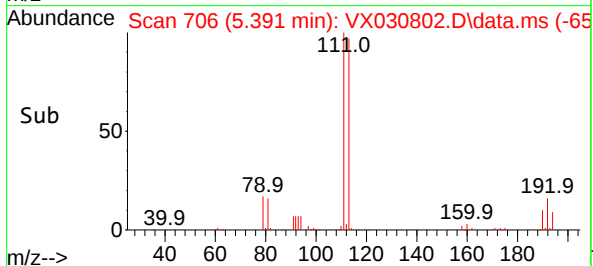
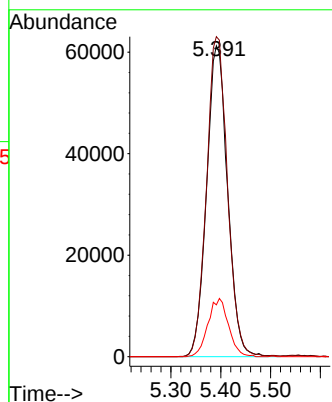
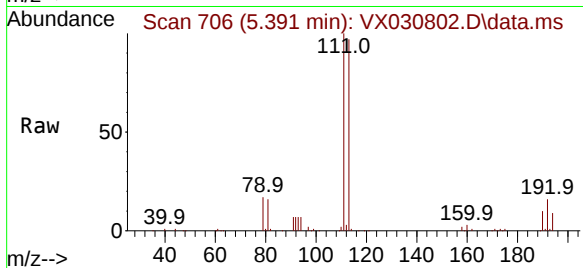
Tgt Ion:113 Resp: 179138

Ion Ratio Lower Upper

113 100

111 102.7 83.2 124.8

192 18.3 14.8 22.2



#44

Trichloroethene

Concen: 28.218 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX030802.D

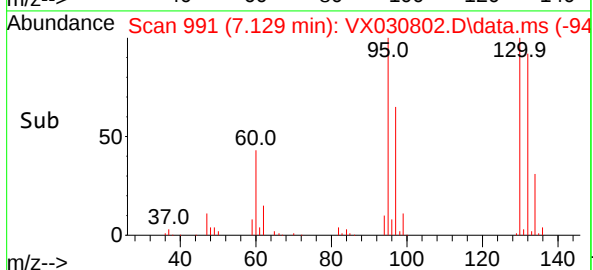
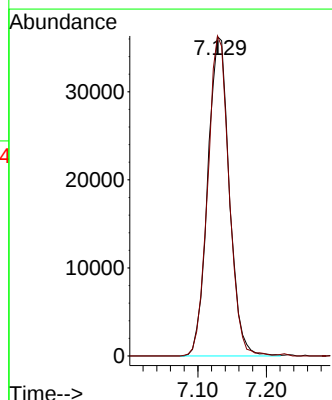
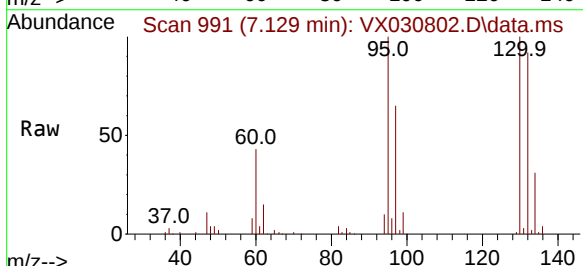
Acq: 26 Aug 2022 04:11

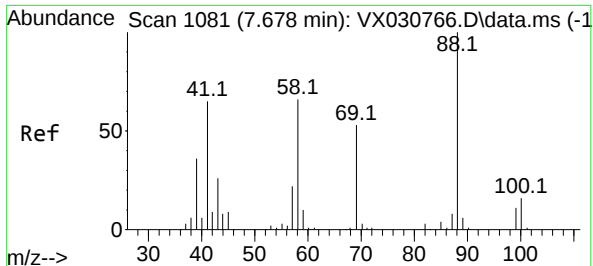
Tgt Ion:130 Resp: 79438

Ion Ratio Lower Upper

130 100

95 100.2 0.0 194.8





#49

1,4-Dioxane

Concen: 24.153 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.007 min

Lab File: VX030802.D

Acq: 26 Aug 2022 04:11

Instrument :

MSVOA_X

ClientSampleId :

MW-101S

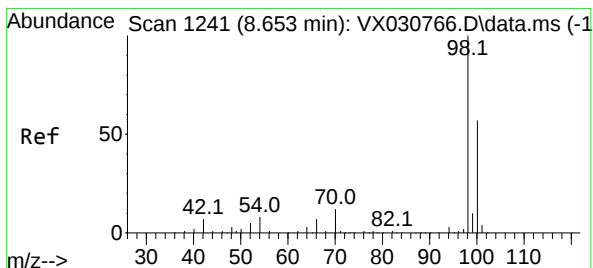
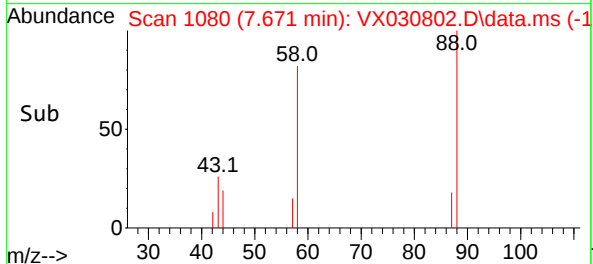
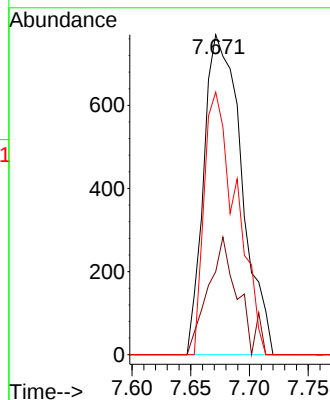
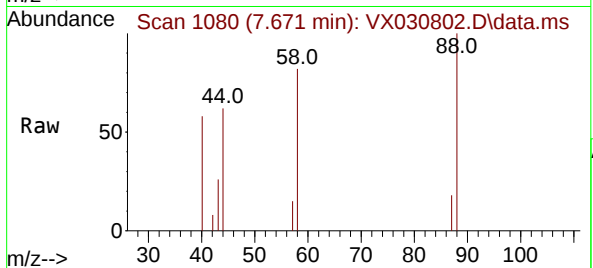
Tgt Ion: 88 Resp: 1727

Ion Ratio Lower Upper

88 100

43 29.2 23.8 35.8

58 70.0 53.8 80.6



#50

Toluene-d8

Concen: 79.153 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030802.D

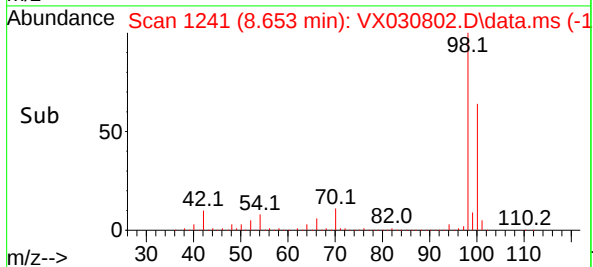
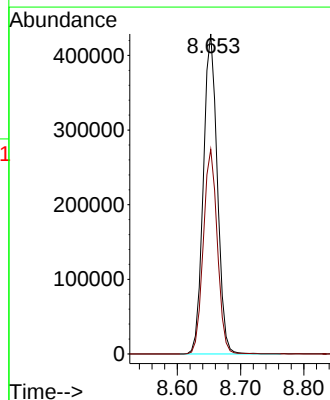
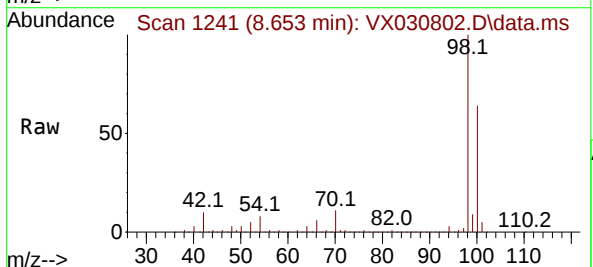
Acq: 26 Aug 2022 04:11

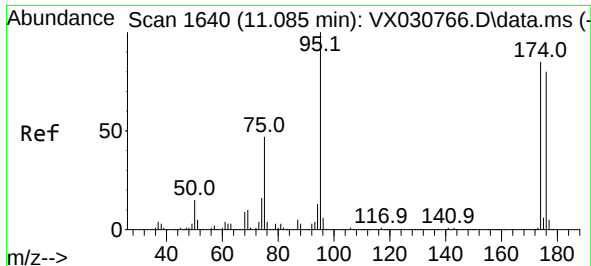
Tgt Ion: 98 Resp: 659695

Ion Ratio Lower Upper

98 100

100 64.0 52.3 78.5

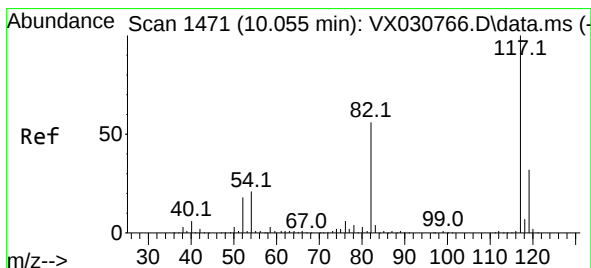
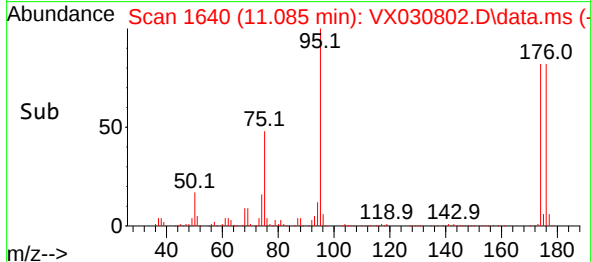
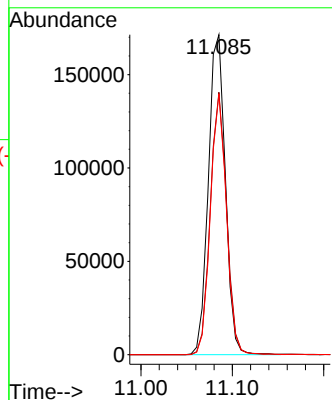
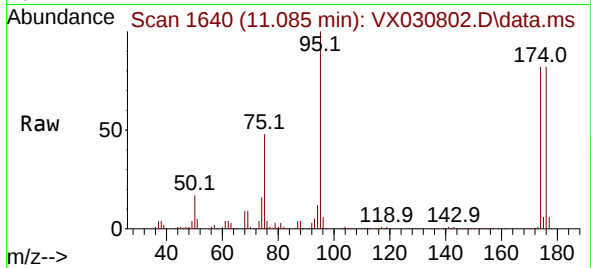




#62
4-Bromofluorobenzene
Concen: 71.143 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030802.D
Acq: 26 Aug 2022 04:11

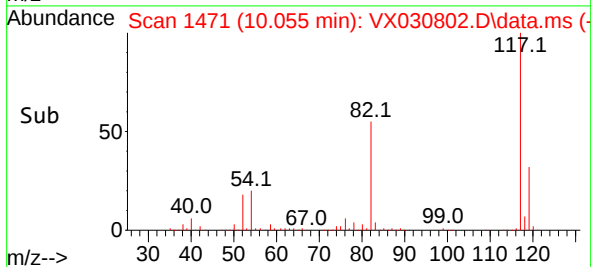
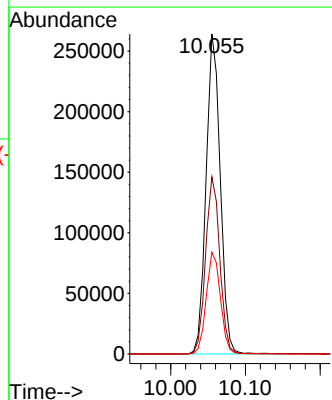
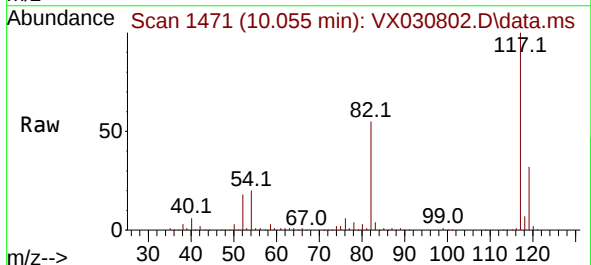
Instrument :
MSVOA_X
ClientSampleId :
MW-101S

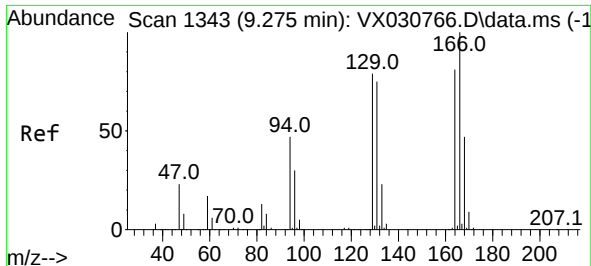
Tgt Ion: 95 Resp: 220748
Ion Ratio Lower Upper
95 100
174 79.1 0.0 149.0
176 76.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030802.D
Acq: 26 Aug 2022 04:11

Tgt Ion: 117 Resp: 348200
Ion Ratio Lower Upper
117 100
82 55.3 42.7 64.1
119 31.8 25.4 38.2



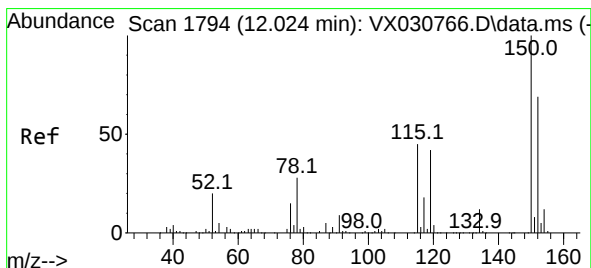
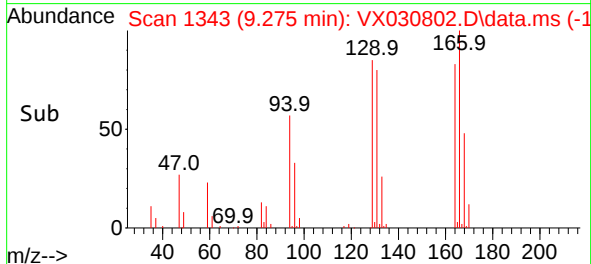
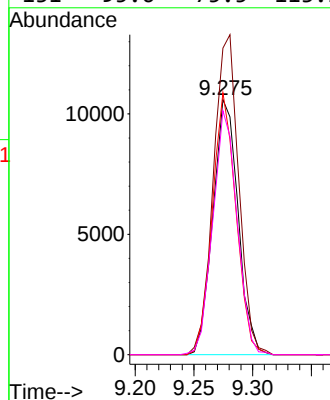
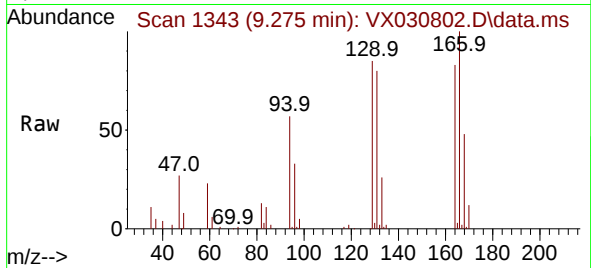


#64
 Tetrachloroethene
 Concen: 5.745 ug/l
 RT: 9.275 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030802.D
 Acq: 26 Aug 2022 04:11

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101S

Tgt Ion:164 Resp: 15759

Ion	Ratio	Lower	Upper
164	100		
166	120.1	98.2	147.4
129	102.7	80.8	121.2
131	95.6	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: VX030802.D
 Acq: 26 Aug 2022 04:11

Tgt Ion:152 Resp: 152845

Ion	Ratio	Lower	Upper
152	100		
115	60.4	40.5	121.5
150	156.1	0.0	347.0

