

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027502.D
 Acq On : 17 Mar 2022 21:20
 Operator : JC/MD
 Sample : N1997-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106D

Quant Time: Mar 18 02:07:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

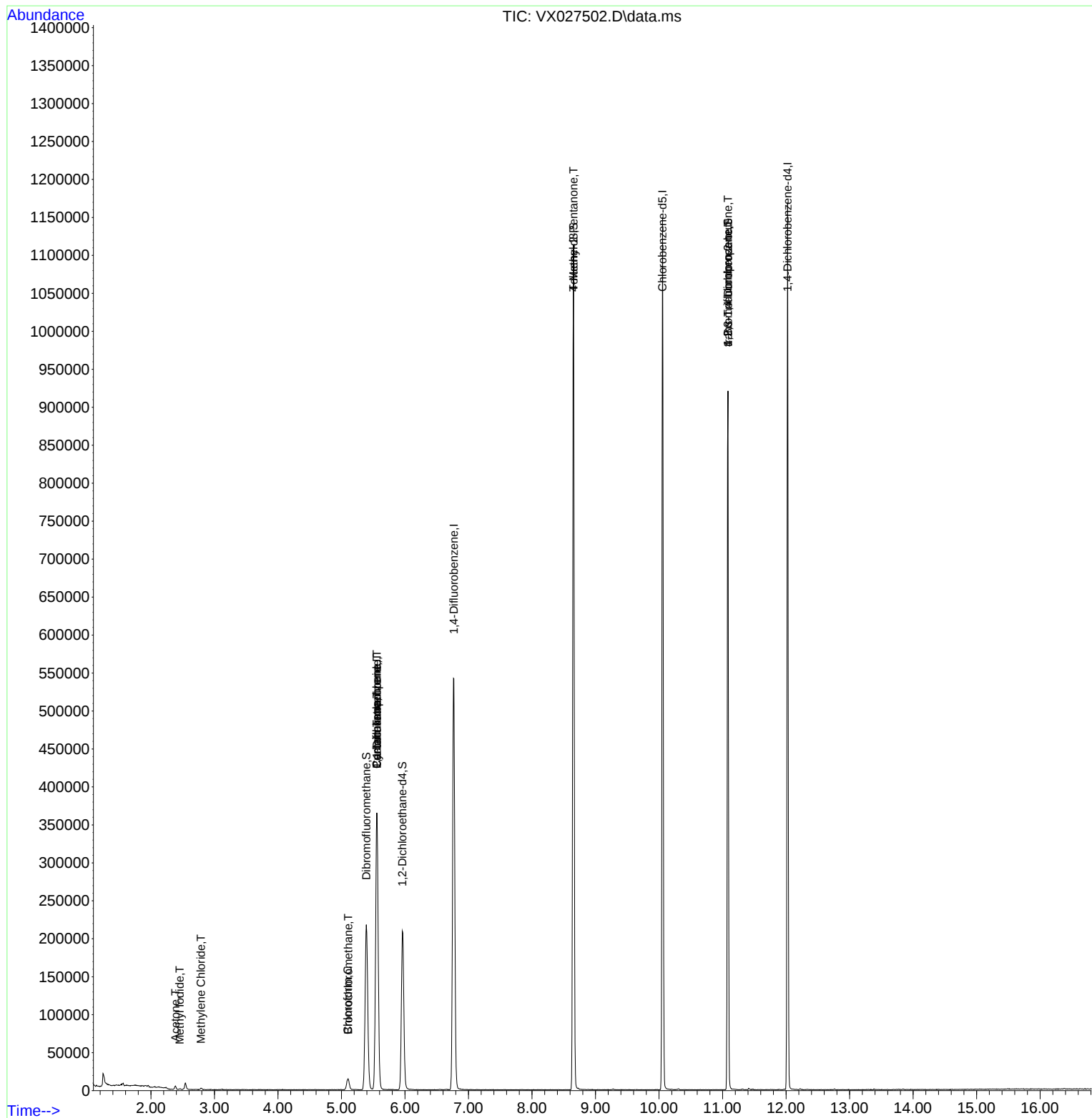
Internal Standards						
1) Pentafluorobenzene	5.556	168	369815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	598019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	531986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	244104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206931	45.422	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.840%
35) Dibromofluoromethane	5.391	113	194576	50.571	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.140%
50) Toluene-d8	8.653	98	677014	46.500	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.000%
62) 4-Bromofluorobenzene	11.085	95	248733	46.480	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.960%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	647	Below Cal	#	67
10) Methyl Iodide	2.453	142	990	0.209	ug/l	97
16) Acetone	2.386	43	4802	2.586	ug/l	98
20) Methylene Chloride	2.788	84	985	0.247	ug/l	# 90
28) Bromochloromethane	5.105	49	1191	0.463	ug/l	# 7
30) Chloroform	5.099	83	18625	2.645	ug/l	96
31) Cyclohexane	5.556	56	5825	1.030	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	24591	4.677	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	35719	5.938	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.653	43	2440	0.453	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	116648	22.846	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	116648	69.384	ug/l	# 15

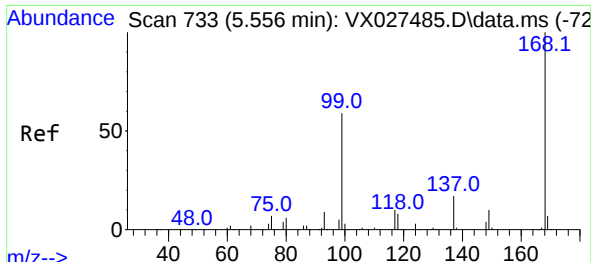
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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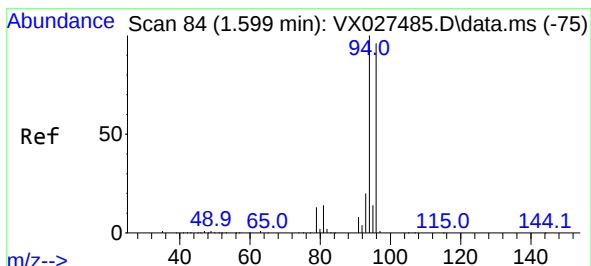
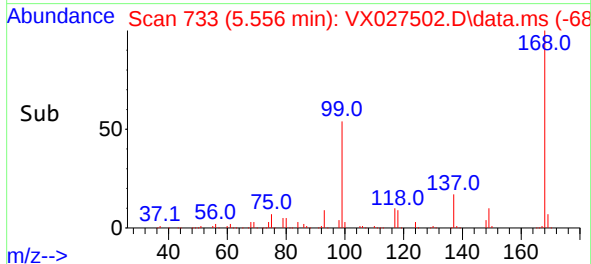
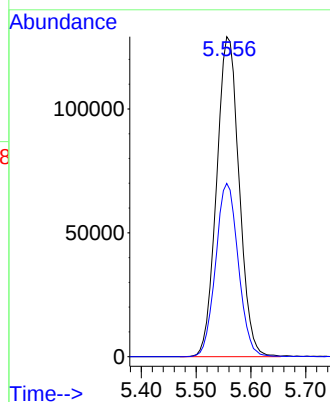
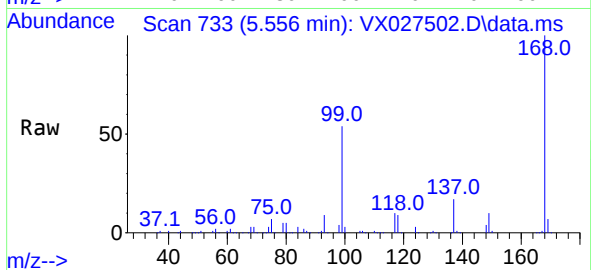




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027502.D
Acq: 17 Mar 2022 21:20

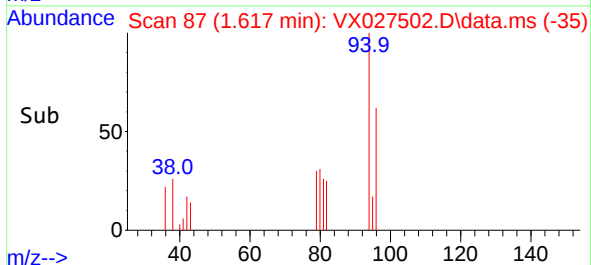
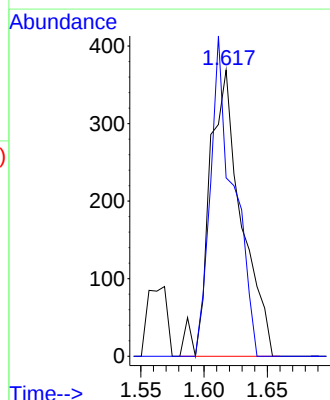
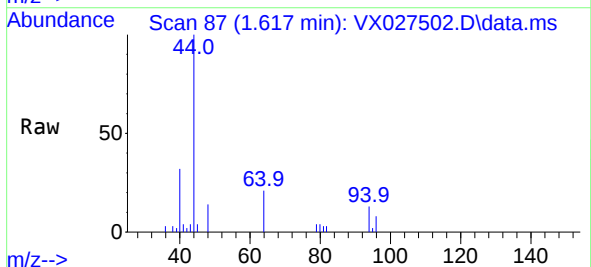
Instrument :
MSVOA_X
ClientSampleId :
MW-106D

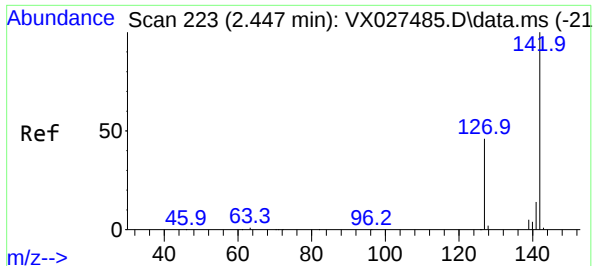
Tgt Ion:168 Resp: 369815
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027502.D
Acq: 17 Mar 2022 21:20

Tgt Ion: 94 Resp: 647
Ion Ratio Lower Upper
94 100
96 62.3 75.3 112.9#

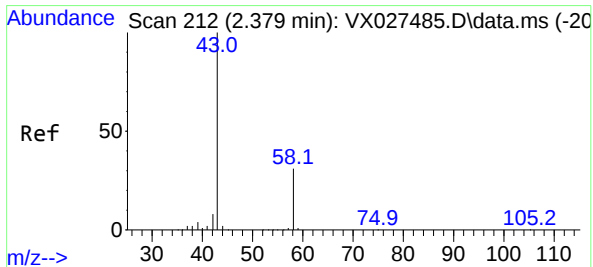
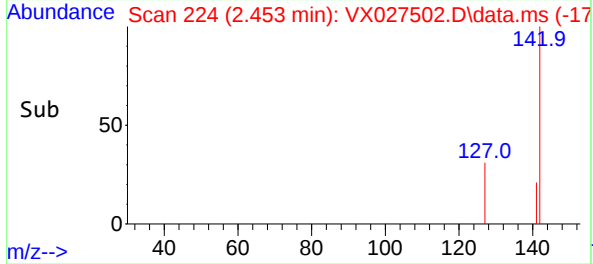
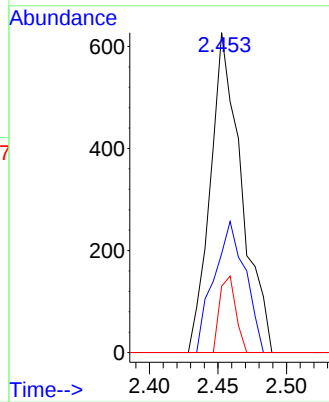
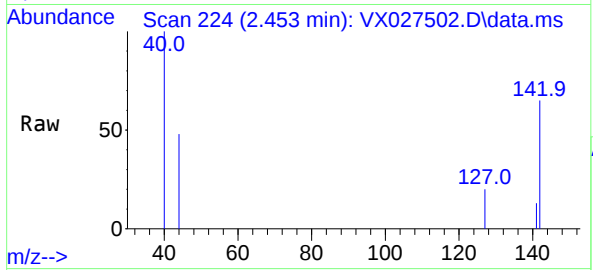




#10
Methyl Iodide
Concen: 0.209 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027502.D
Acq: 17 Mar 2022 21:20

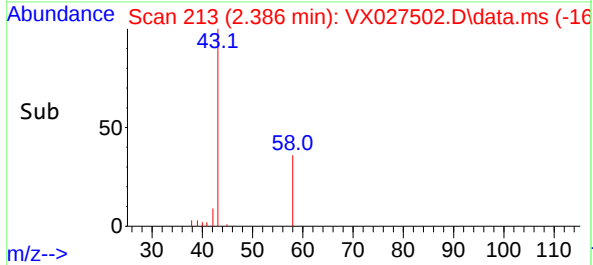
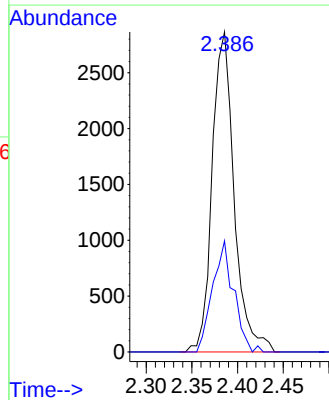
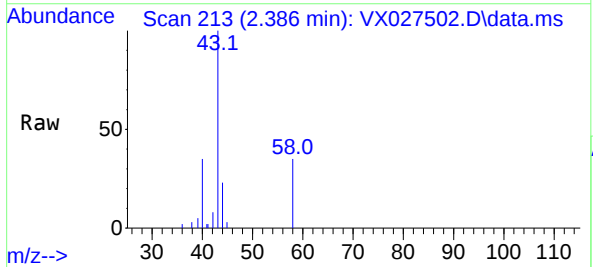
Instrument :
MSVOA_X
ClientSampleId :
MW-106D

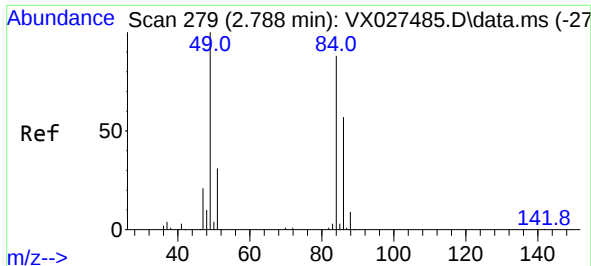
Tgt Ion:	142	Resp:	990
Ion	Ratio	Lower	Upper
142	100		
127	41.2	33.9	50.9
141	12.3	11.4	17.2



#16
Acetone
Concen: 2.586 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027502.D
Acq: 17 Mar 2022 21:20

Tgt Ion:	43	Resp:	4802
Ion	Ratio	Lower	Upper
43	100		
58	34.7	28.8	43.2

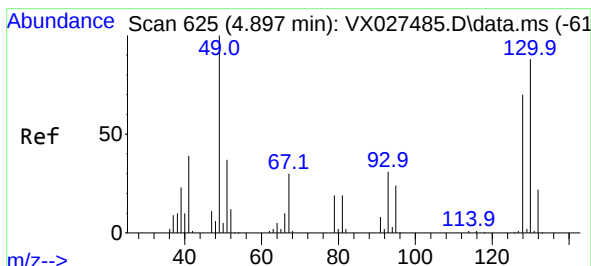
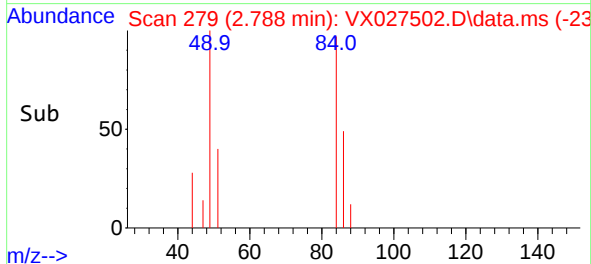
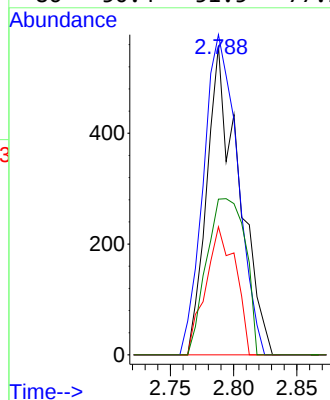
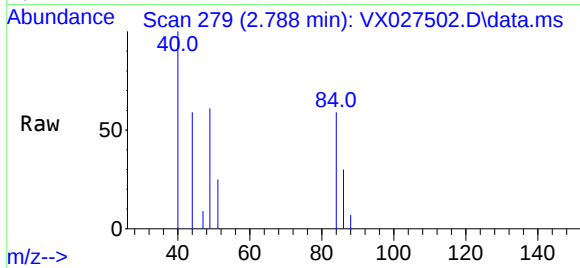




#20
Methylene Chloride
Concen: 0.247 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027502.D
Acq: 17 Mar 2022 21:20

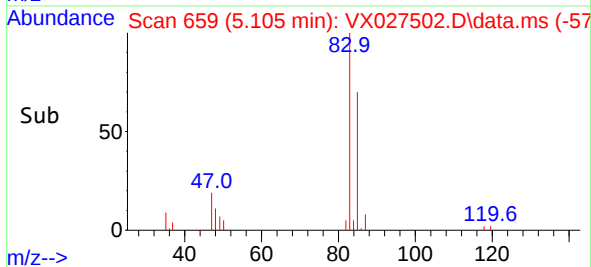
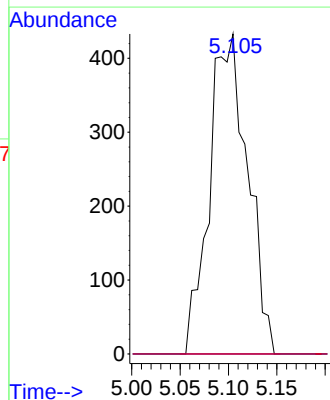
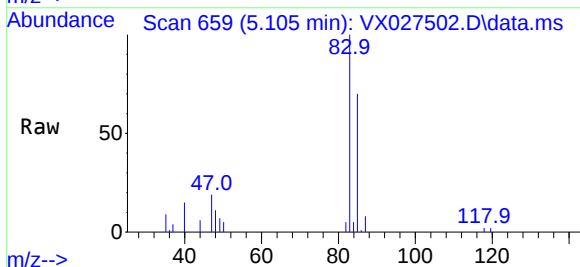
Instrument :
MSVOA_X
ClientSampleId :
MW-106D

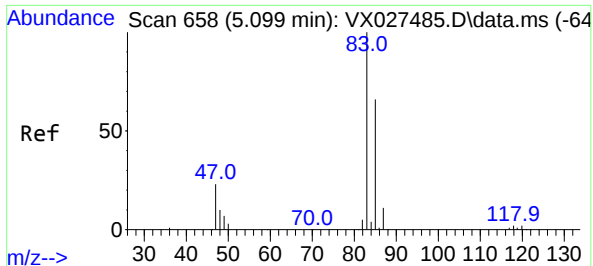
Tgt Ion:	84	Resp:	985
Ion	Ratio	Lower	Upper
84	100		
49	103.6	85.5	128.3
51	41.4	26.6	39.8#
86	50.4	51.5	77.3#



#28
Bromochloromethane
Concen: 0.463 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.207 min
Lab File: VX027502.D
Acq: 17 Mar 2022 21:20

Tgt Ion:	49	Resp:	1191
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	0.0	70.7	106.1#





#30

Chloroform

Concen: 2.645 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX027502.D

Acq: 17 Mar 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

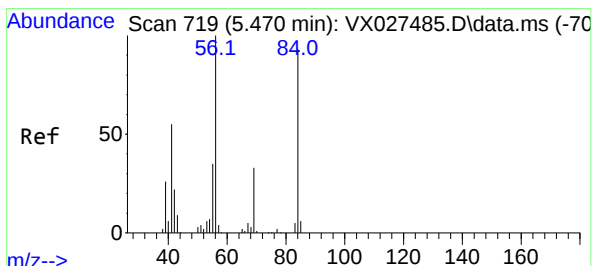
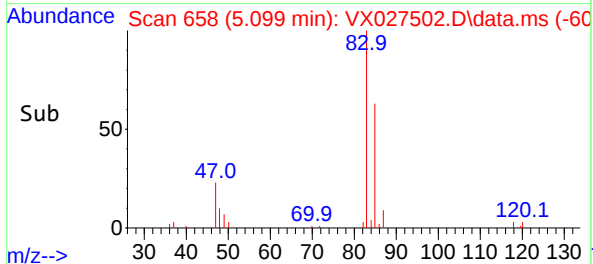
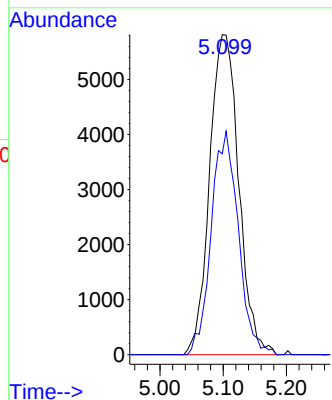
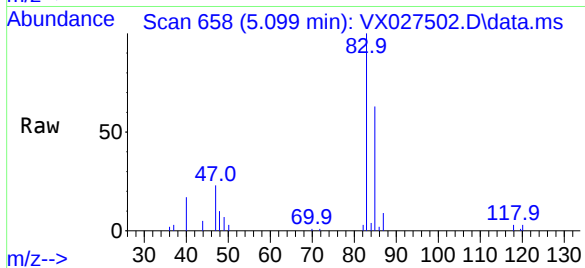
MW-106D

Tgt Ion: 83 Resp: 18625

Ion Ratio Lower Upper

83 100

85 62.8 52.7 79.1



#31

Cyclohexane

Concen: 1.030 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX027502.D

Acq: 17 Mar 2022 21:20

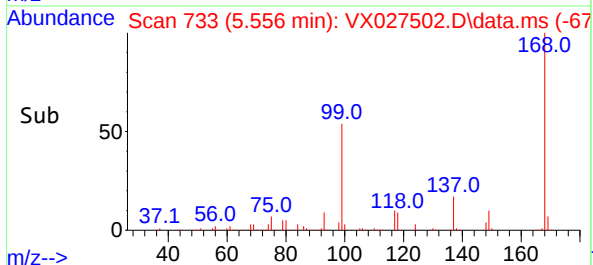
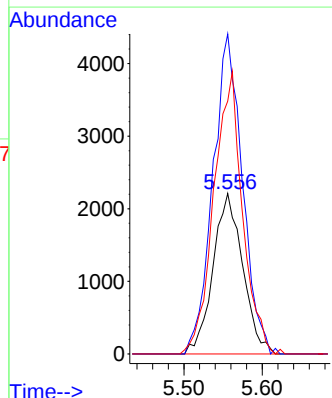
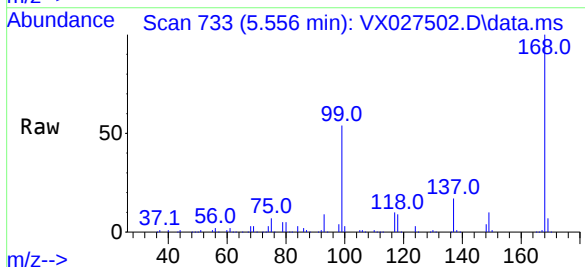
Tgt Ion: 56 Resp: 5825

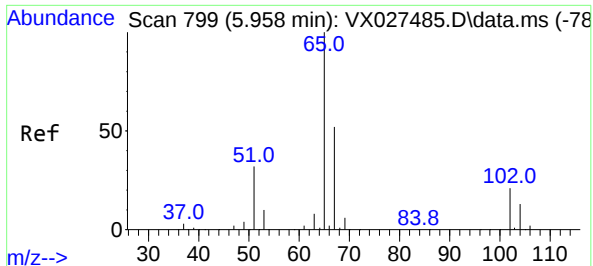
Ion Ratio Lower Upper

56 100

69 199.4 26.7 40.1#

84 157.5 77.2 115.8#

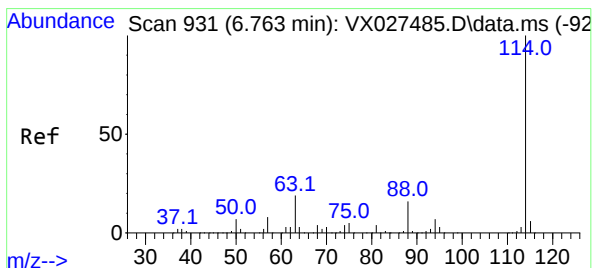
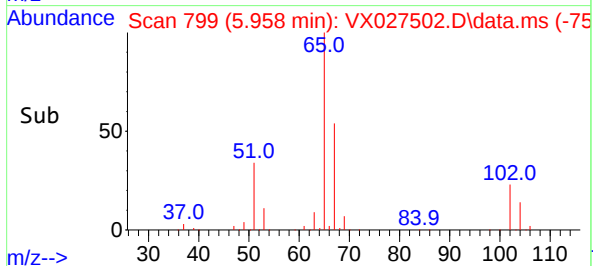
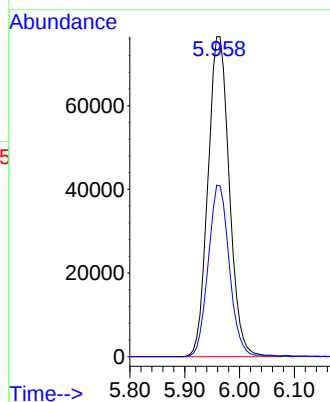
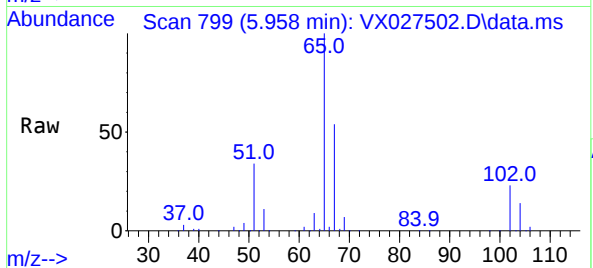




#33
1,2-Dichloroethane-d4
Concen: 45.422 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027502.D
Acq: 17 Mar 2022 21:20

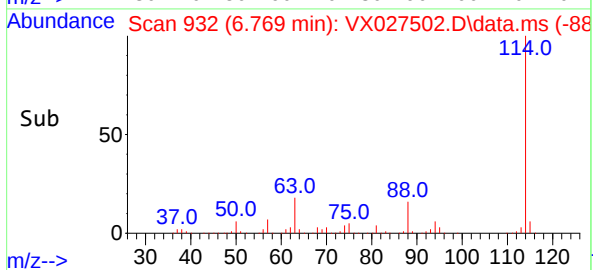
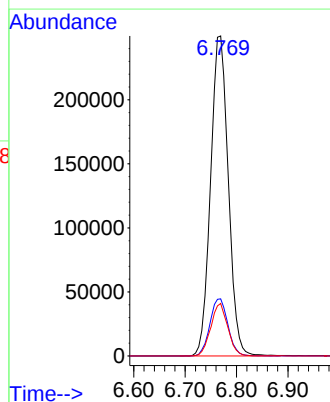
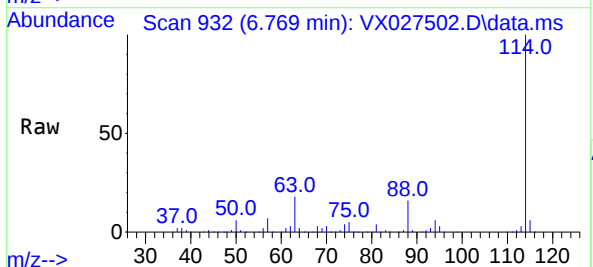
Instrument :
MSVOA_X
ClientSampleId :
MW-106D

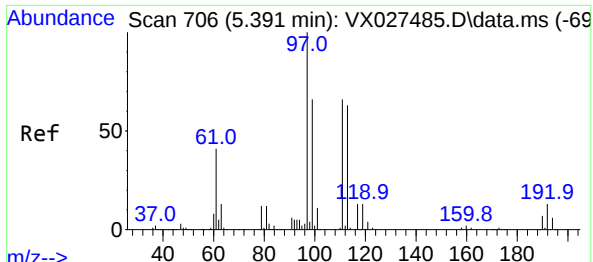
Tgt Ion: 65 Resp: 206931
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX027502.D
Acq: 17 Mar 2022 21:20

Tgt Ion: 114 Resp: 598019
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.8
88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.571 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027502.D

Acq: 17 Mar 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

MW-106D

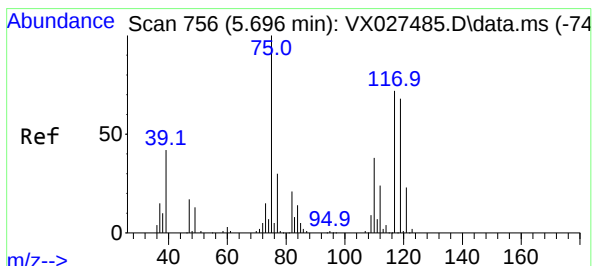
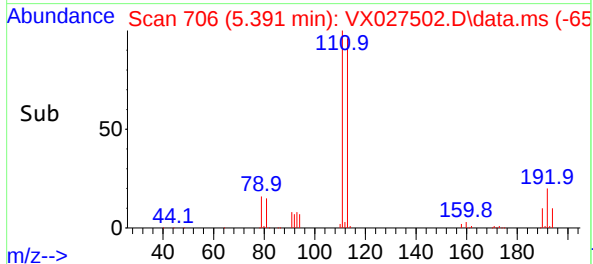
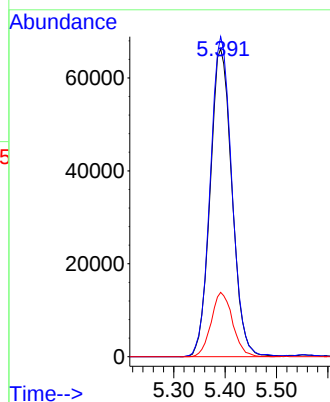
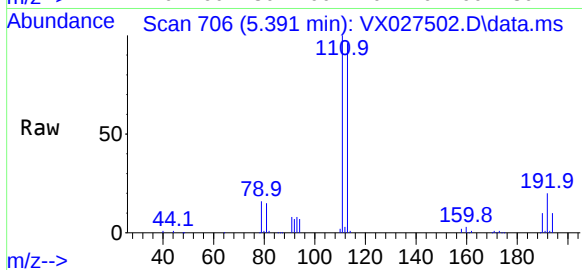
Tgt Ion:113 Resp: 194576

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 20.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.677 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027502.D

Acq: 17 Mar 2022 21:20

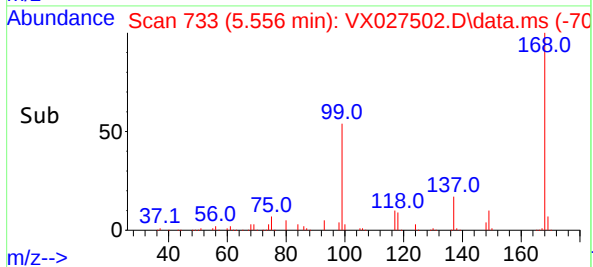
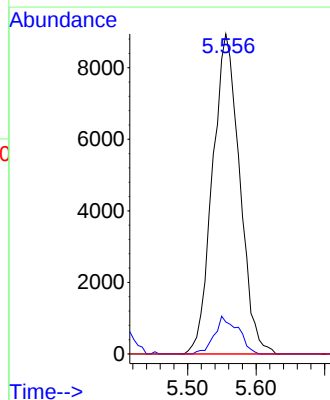
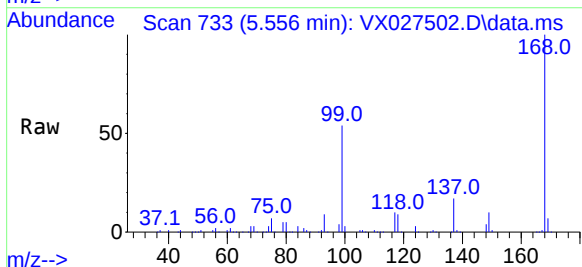
Tgt Ion: 75 Resp: 24591

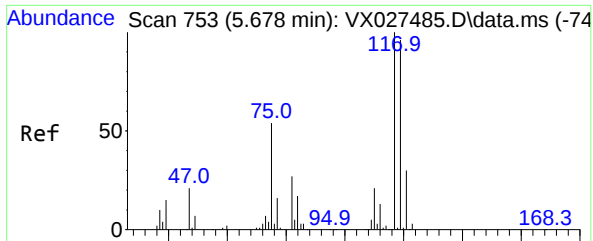
Ion Ratio Lower Upper

75 100

110 10.3 18.3 54.8#

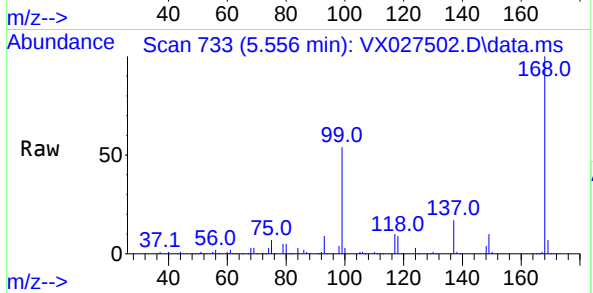
77 0.0 24.8 37.2#



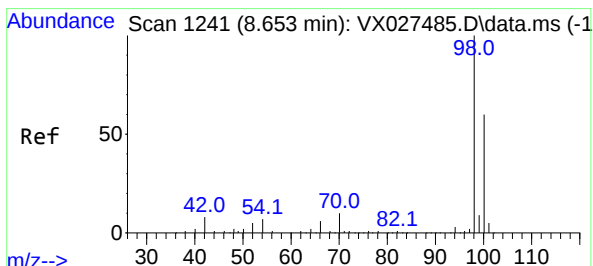
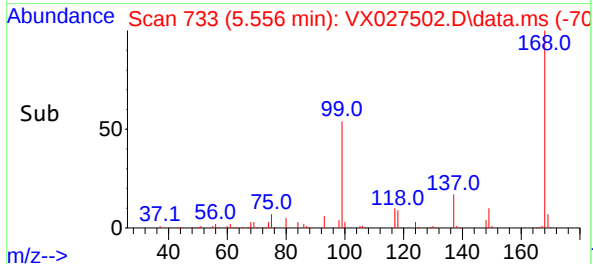
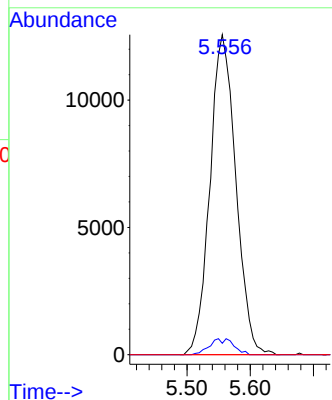


#38
Carbon Tetrachloride
Concen: 5.938 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027502.D
Acq: 17 Mar 2022 21:20

Instrument :
MSVOA_X
ClientSampleId :
MW-106D

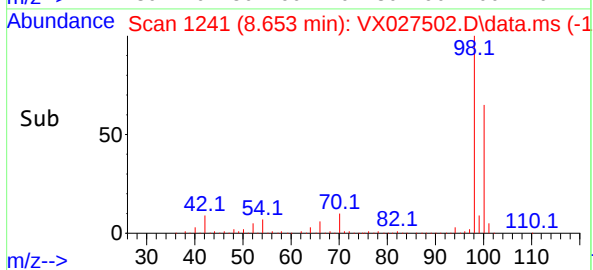
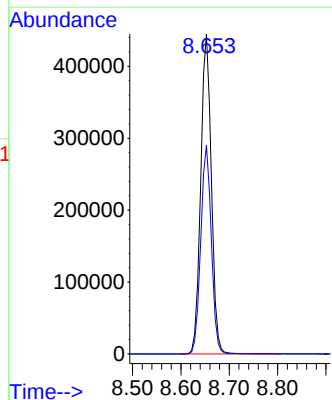
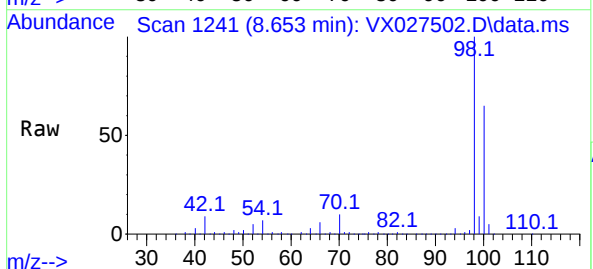


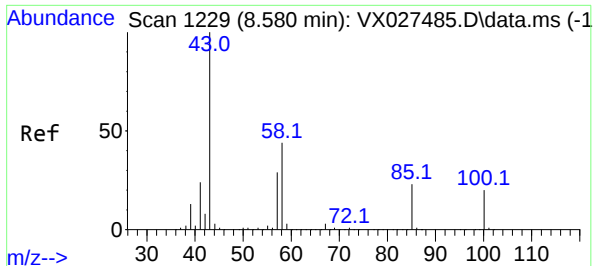
Tgt Ion:117 Resp: 35719
Ion Ratio Lower Upper
117 100
119 3.5 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.500 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027502.D
Acq: 17 Mar 2022 21:20

Tgt Ion: 98 Resp: 677014
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.453 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.073 min

Lab File: VX027502.D

Acq: 17 Mar 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

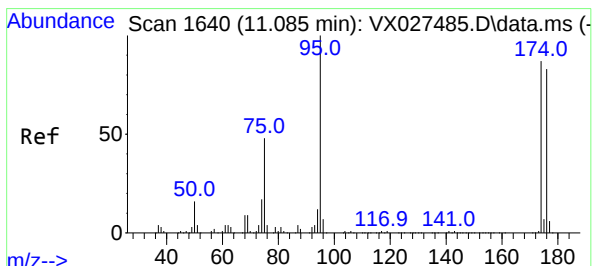
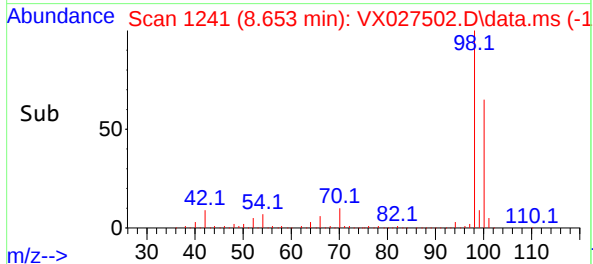
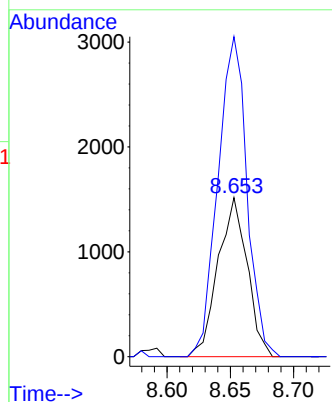
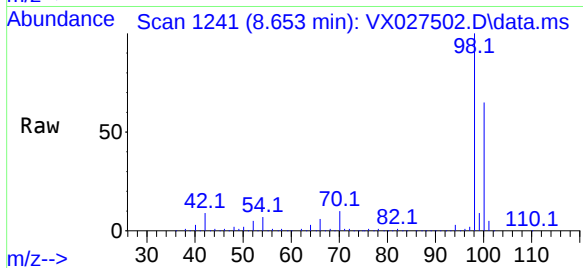
MW-106D

Tgt Ion: 43 Resp: 2440

Ion Ratio Lower Upper

43 100

58 199.9 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 46.480 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027502.D

Acq: 17 Mar 2022 21:20

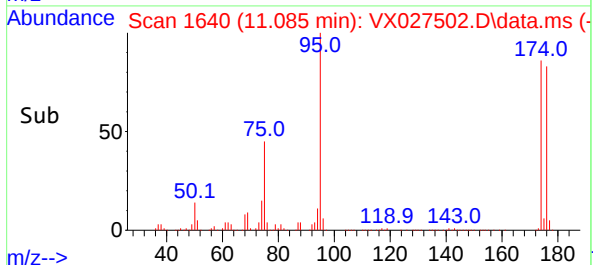
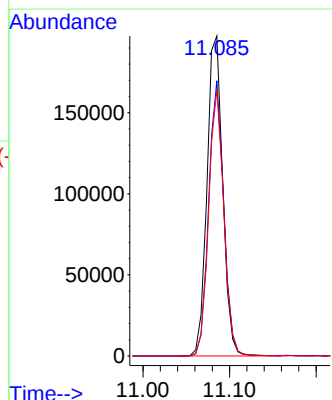
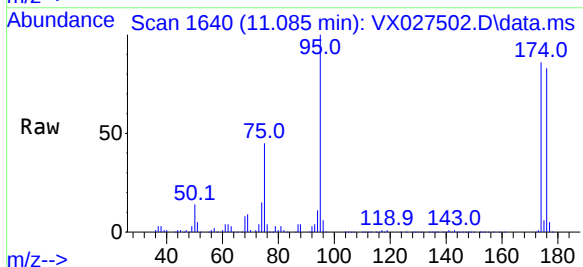
Tgt Ion: 95 Resp: 248733

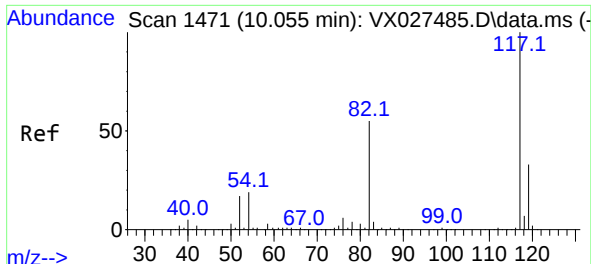
Ion Ratio Lower Upper

95 100

174 82.7 0.0 163.0

176 79.7 0.0 155.0

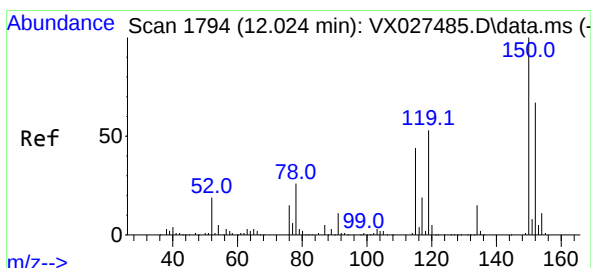
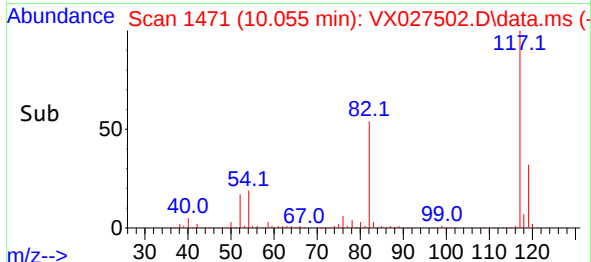
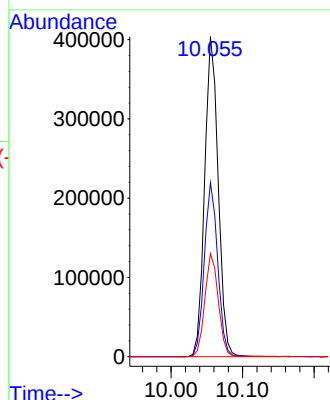
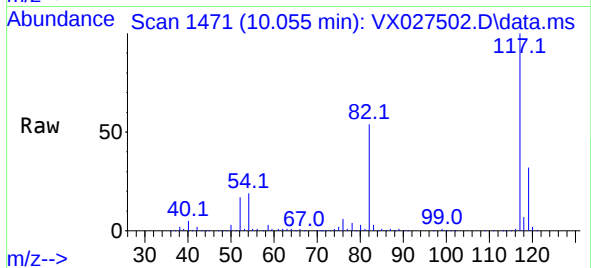




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027502.D
Acq: 17 Mar 2022 21:20

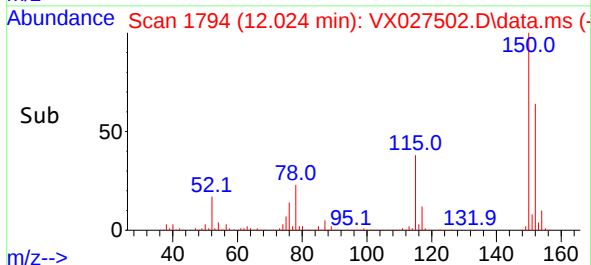
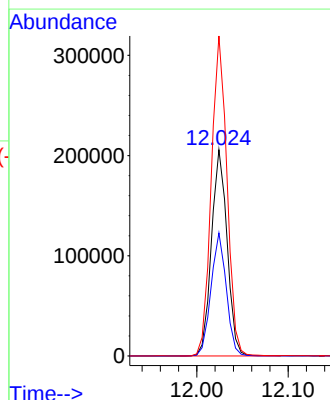
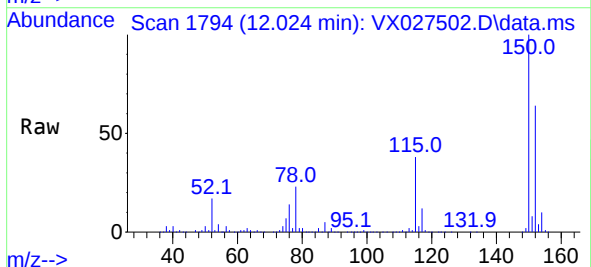
Instrument :
MSVOA_X
ClientSampleId :
MW-106D

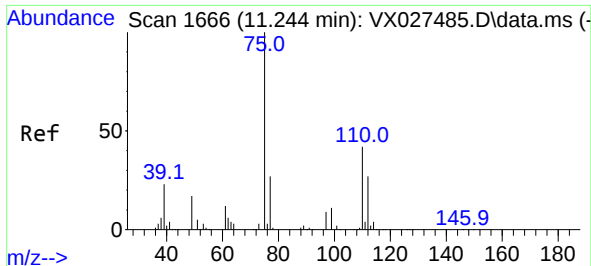
Tgt Ion:117 Resp: 531986
Ion Ratio Lower Upper
117 100
82 54.4 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027502.D
Acq: 17 Mar 2022 21:20

Tgt Ion:152 Resp: 244104
Ion Ratio Lower Upper
152 100
115 58.3 37.5 112.7
150 155.8 0.0 338.2

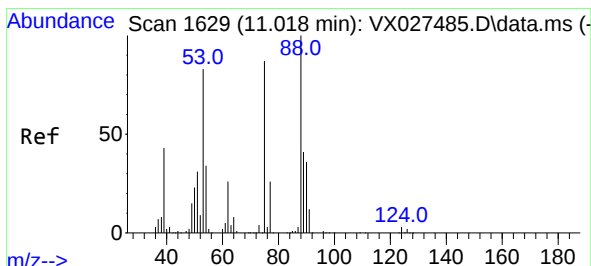
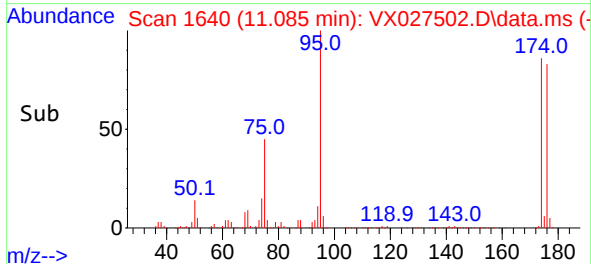
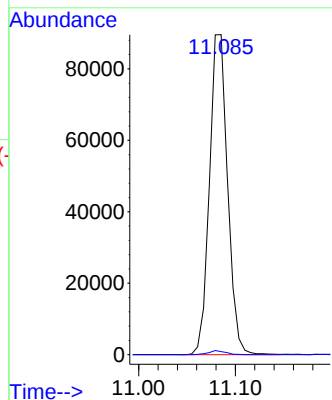
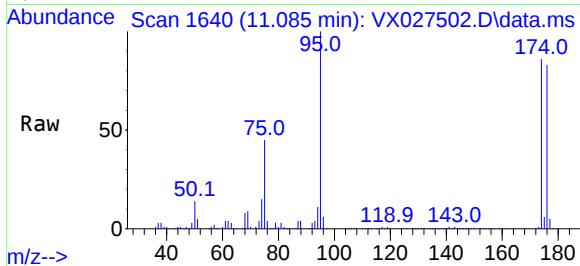




#76
1,2,3-Trichloropropane
Concen: 22.846 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027502.D
Acq: 17 Mar 2022 21:20

Instrument :
MSVOA_X
ClientSampleId :
MW-106D

Tgt Ion: 75 Resp: 116648
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.384 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027502.D
Acq: 17 Mar 2022 21:20

Tgt Ion: 75 Resp: 116648
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

