

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027894.D
 Acq On : 01 Apr 2022 20:15
 Operator : JC/MD
 Sample : N2074-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW181S-20220321

Quant Time: Apr 02 05:11:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

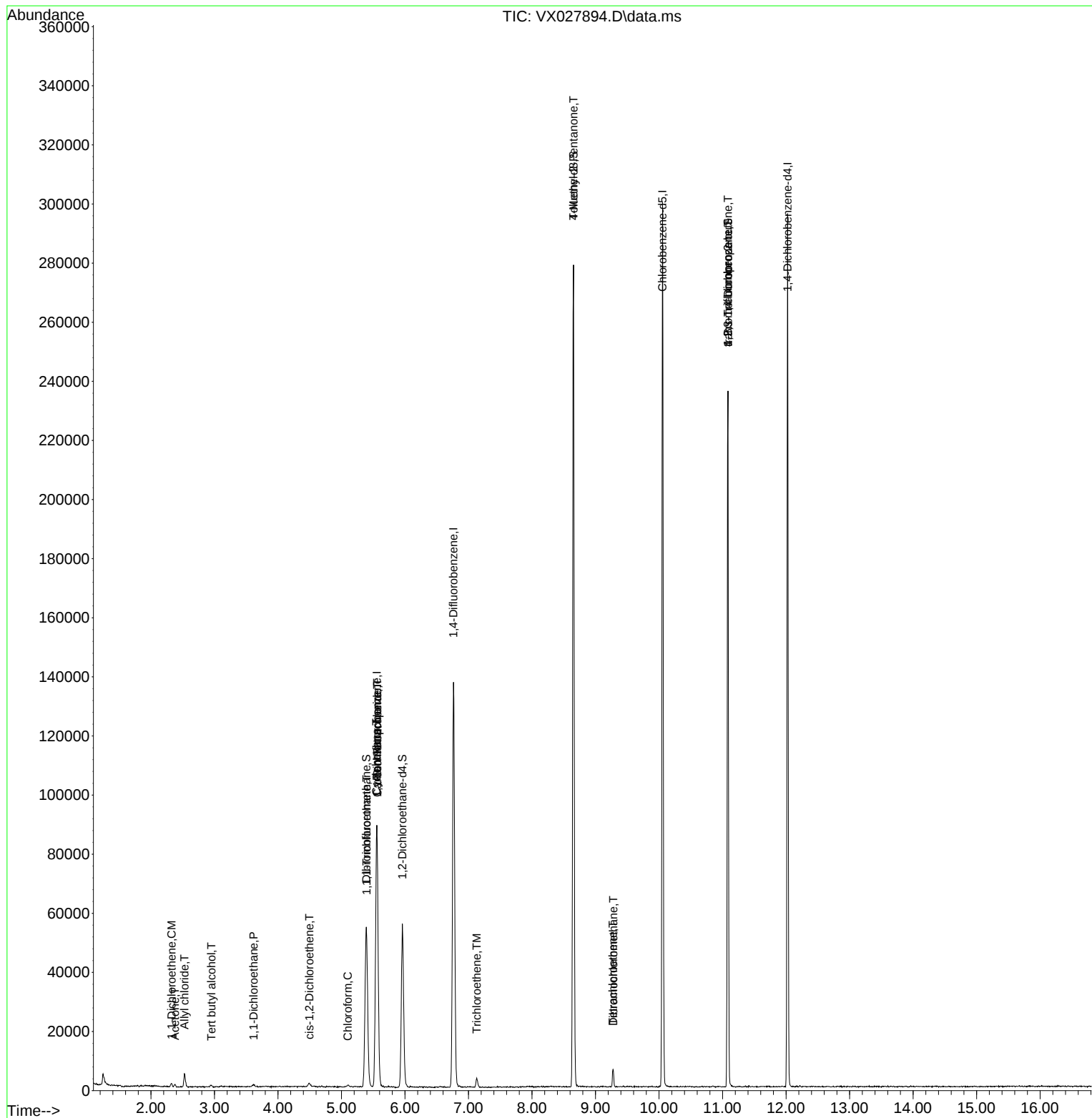
Internal Standards						
1) Pentafluorobenzene	5.556	168	80692	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	139693	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52139	50.078	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.160%	
35) Dibromofluoromethane	5.391	113	46990	52.114	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.220%	
50) Toluene-d8	8.653	98	163436	51.516	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	11.085	95	63757	47.290	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	391	1.955	ug/l	# 72
12) 1,1-Dichloroethene	2.325	96	478	0.690	ug/l	# 77
14) Allyl chloride	2.526	41	472	0.371	ug/l	# 49
16) Acetone	2.379	43	776	1.684	ug/l	# 87
24) 1,1-Dichloroethane	3.617	63	955	0.666	ug/l	# 81
27) cis-1,2-Dichloroethene	4.495	96	661	0.729	ug/l	89
30) Chloroform	5.099	83	810	0.508	ug/l	# 81
31) Cyclohexane	5.550	56	1663	1.445	ug/l	# 9
32) 1,1,1-Trichloroethane	5.397	97	411	0.298	ug/l	# 38
36) 1,1-Dichloropropene	5.562	75	6520	5.741	ug/l	# 46
38) Carbon Tetrachloride	5.562	117	9051	7.214	ug/l	# 16
44) Trichloroethene	7.129	130	1159	1.239	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	903	0.577	ug/l	# 1
60) Dibromochloromethane	9.281	129	1048	1.051	ug/l	# 9
64) Tetrachloroethene	9.275	164	1152	1.395	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	35379	28.242	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	35379	82.467	ug/l	# 15

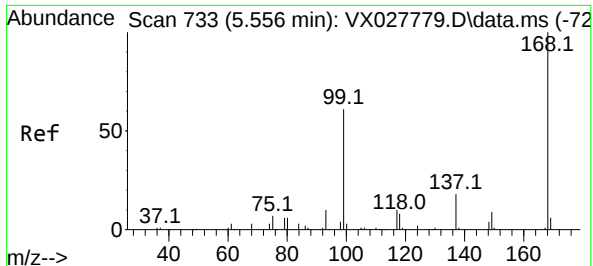
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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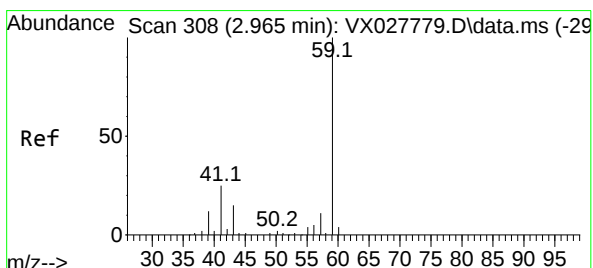
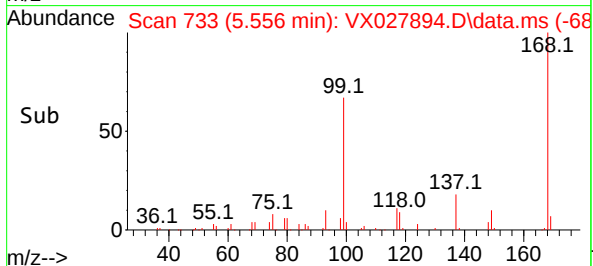
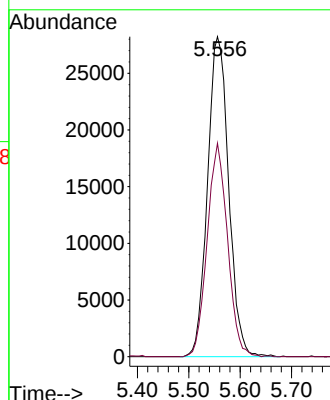
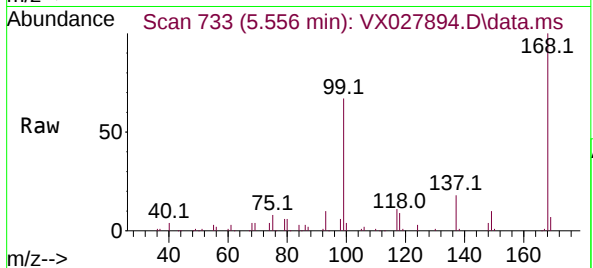




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027894.D
Acq: 01 Apr 2022 20:15

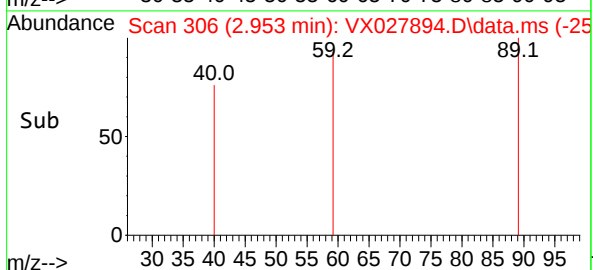
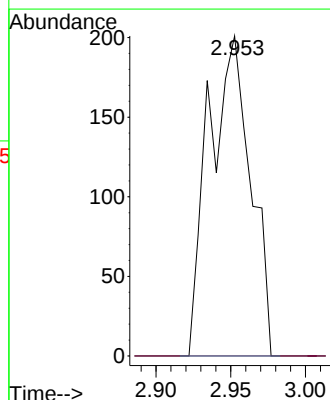
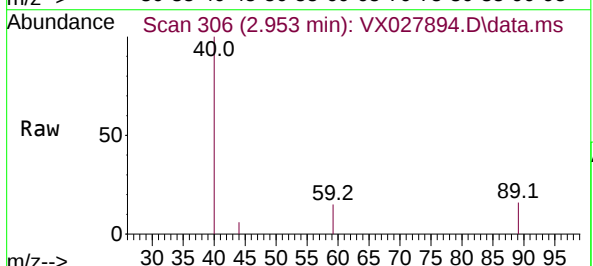
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20220321

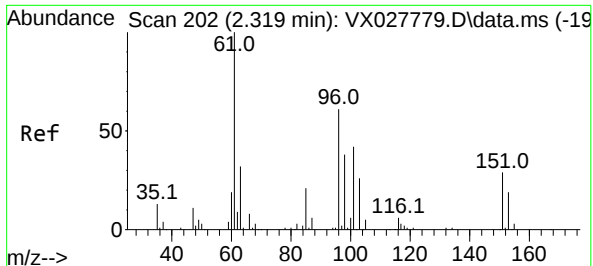
Tgt Ion:168 Resp: 80692
Ion Ratio Lower Upper
168 100
99 66.7 41.7 62.5#



#11
Tert butyl alcohol
Concen: 1.955 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX027894.D
Acq: 01 Apr 2022 20:15

Tgt Ion: 59 Resp: 391
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.690 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX027894.D

Acq: 01 Apr 2022 20:15

Instrument :

MSVOA_X

ClientSampleId :

MW181S-20220321

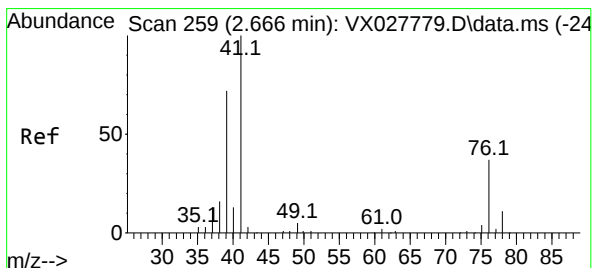
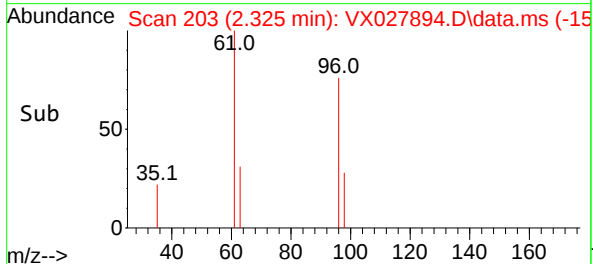
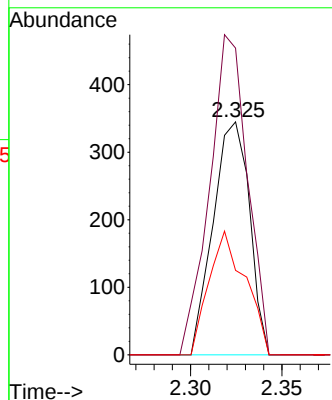
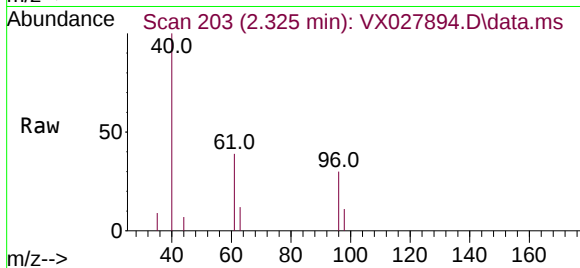
Tgt Ion: 96 Resp: 478

Ion Ratio Lower Upper

96 100

61 131.6 124.6 187.0

98 36.2 51.0 76.4#



#14

Allyl chloride

Concen: 0.371 ug/l

RT: 2.526 min Scan# 236

Delta R.T. -0.140 min

Lab File: VX027894.D

Acq: 01 Apr 2022 20:15

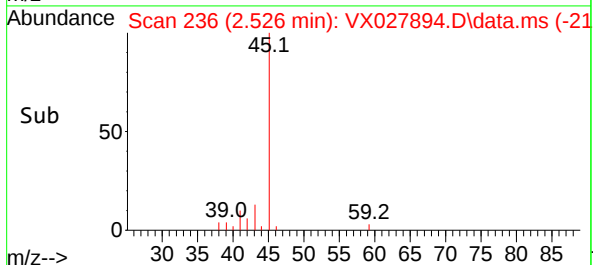
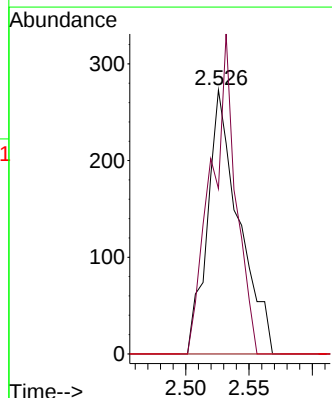
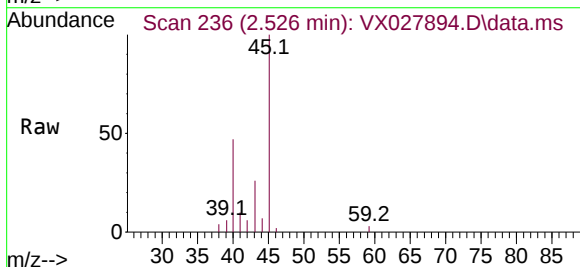
Tgt Ion: 41 Resp: 472

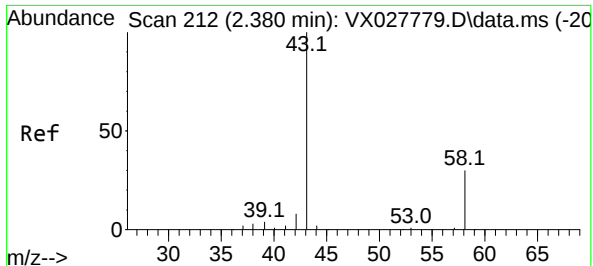
Ion Ratio Lower Upper

41 100

39 95.8 50.4 75.6#

76 0.0 32.7 49.1#

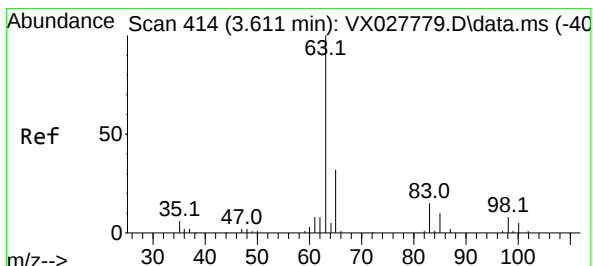
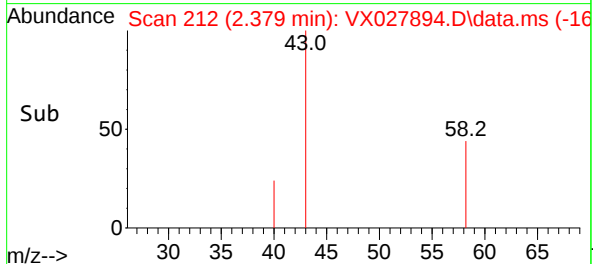
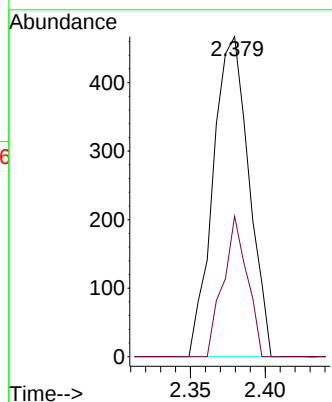
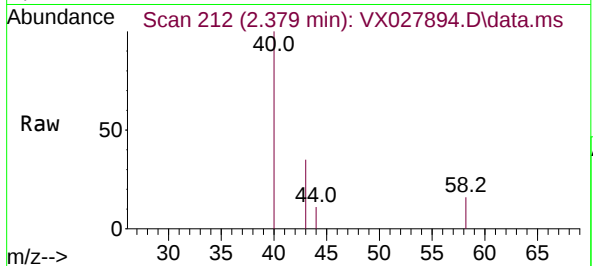




#16
Acetone
Concen: 1.684 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX027894.D
Acq: 01 Apr 2022 20:15

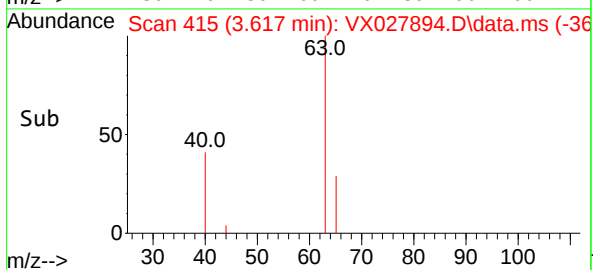
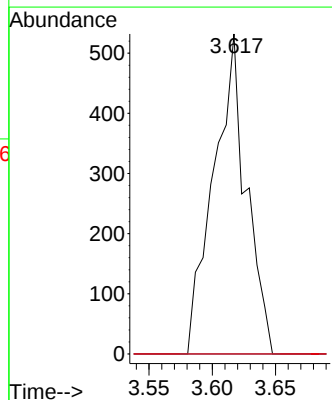
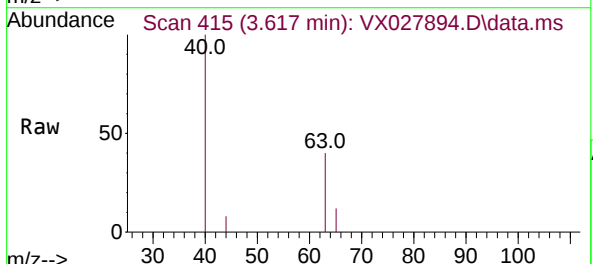
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20220321

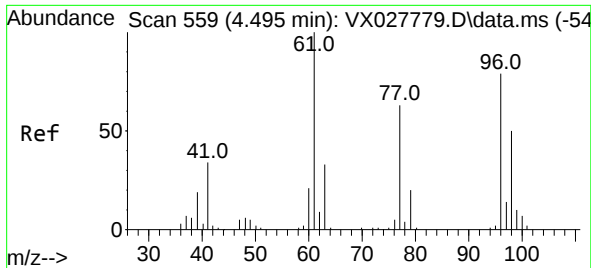
Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
58 43.9 28.8 43.2#



#24
1,1-Dichloroethane
Concen: 0.666 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX027894.D
Acq: 01 Apr 2022 20:15

Tgt Ion: 63 Resp: 955
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.4 7.2#

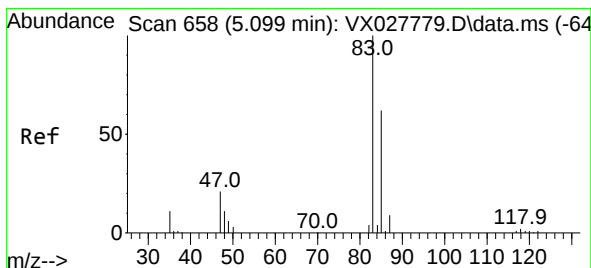
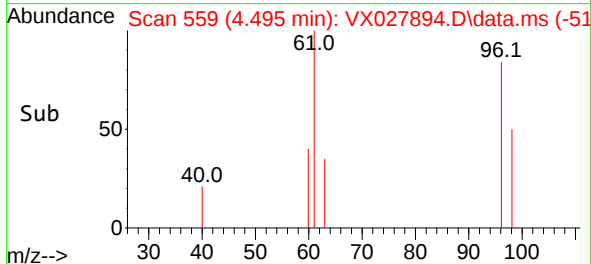
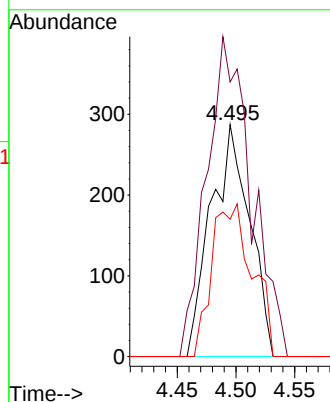
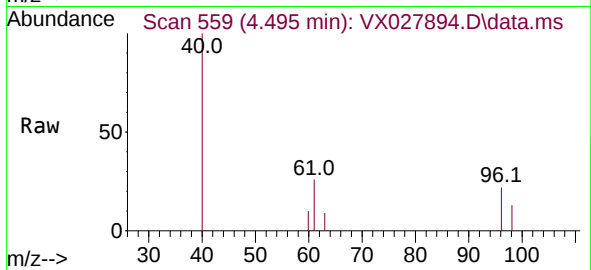




#27
 cis-1,2-Dichloroethene
 Concen: 0.729 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX027894.D
 Acq: 01 Apr 2022 20:15

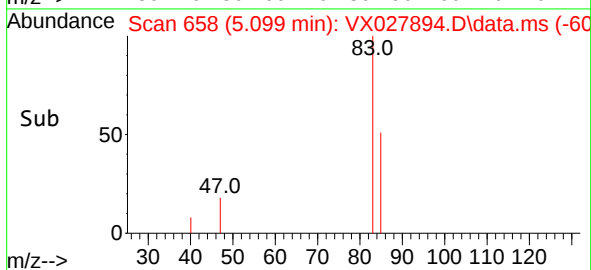
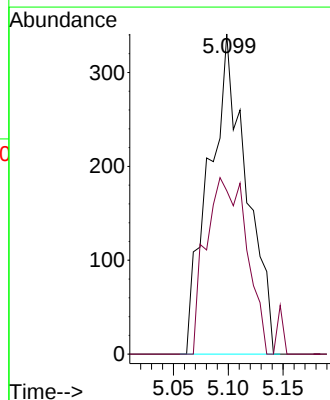
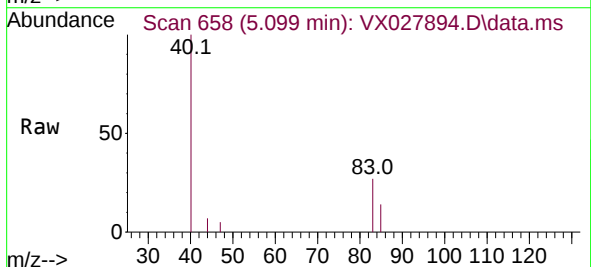
Instrument :
 MSVOA_X
 ClientSampleId :
 MW181S-20220321

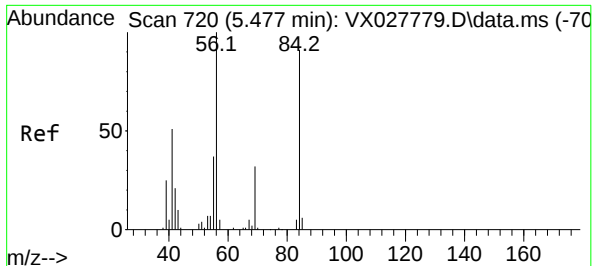
Tgt Ion:	96	Resp:	661
Ion	Ratio	Lower	Upper
96	100		
61	158.1	0.0	283.8
98	68.7	0.0	129.8



#30
 Chloroform
 Concen: 0.508 ug/l
 RT: 5.099 min Scan# 658
 Delta R.T. -0.000 min
 Lab File: VX027894.D
 Acq: 01 Apr 2022 20:15

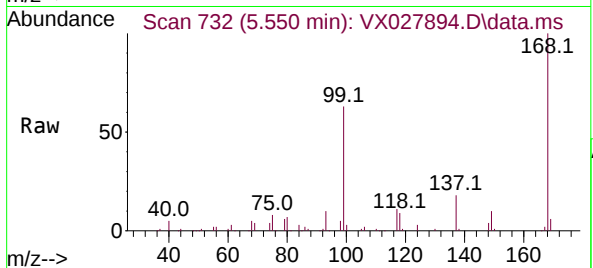
Tgt Ion:	83	Resp:	810
Ion	Ratio	Lower	Upper
83	100		
85	51.0	52.7	79.1#



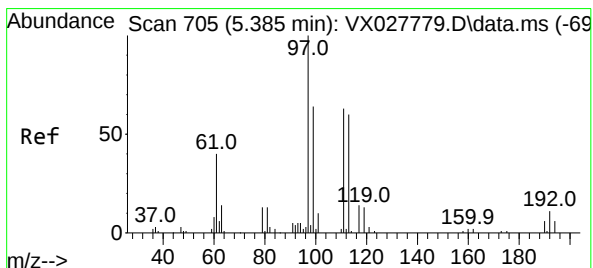
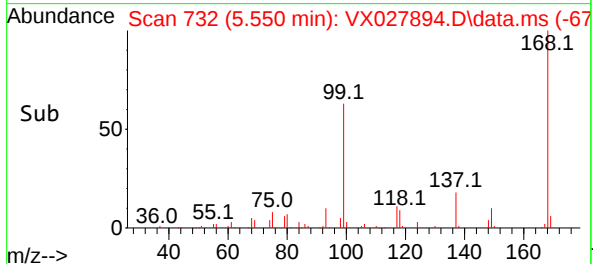
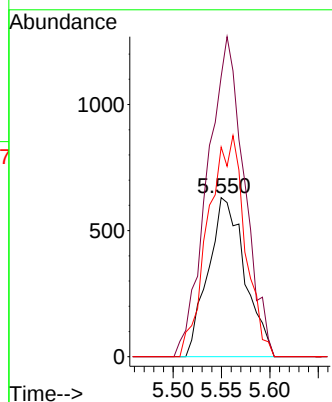


#31
Cyclohexane
Concen: 1.445 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX027894.D
Acq: 01 Apr 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
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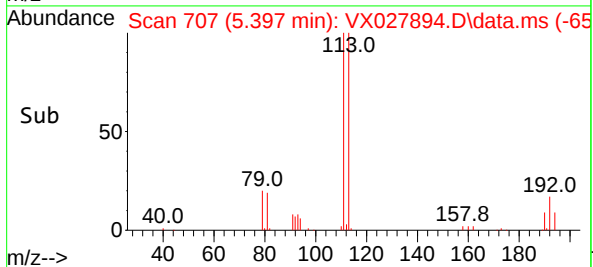
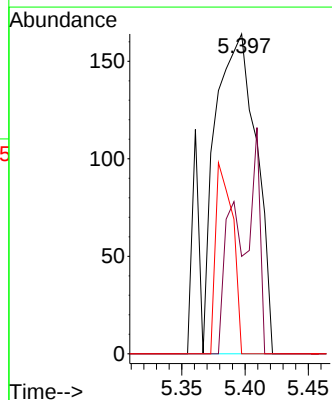
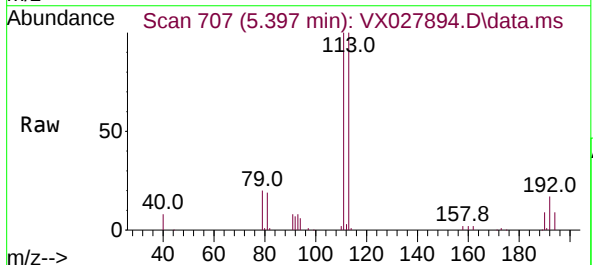


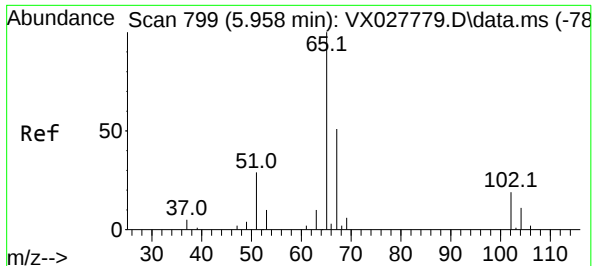
Tgt Ion: 56 Resp: 1663
Ion Ratio Lower Upper
56 100
69 176.1 26.7 40.1#
84 131.7 77.2 115.8#



#32
1,1,1-Trichloroethane
Concen: 0.298 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.012 min
Lab File: VX027894.D
Acq: 01 Apr 2022 20:15

Tgt Ion: 97 Resp: 411
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 22.4 34.0 51.0#





#33

1,2-Dichloroethane-d4

Concen: 50.078 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027894.D

Acq: 01 Apr 2022 20:15

Instrument :

MSVOA_X

ClientSampleId :

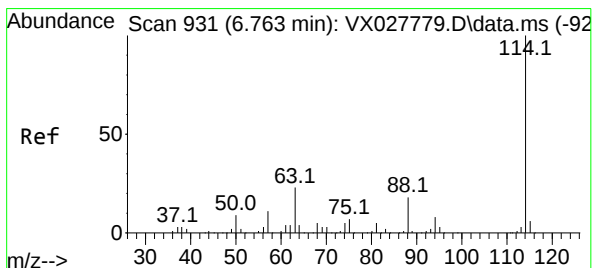
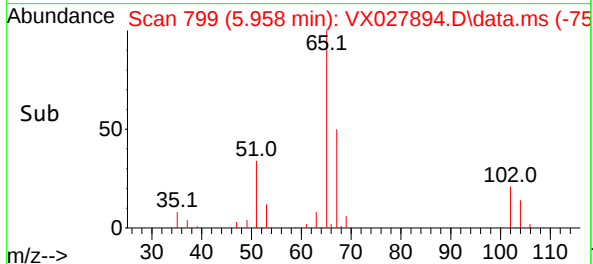
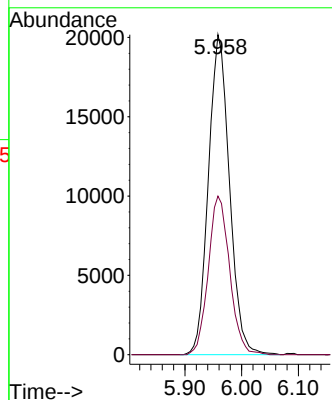
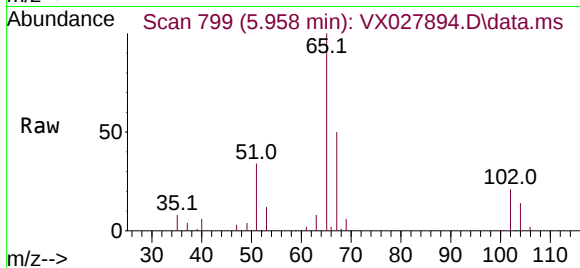
MW181S-20220321

Tgt Ion: 65 Resp: 52139

Ion Ratio Lower Upper

65 100

67 50.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027894.D

Acq: 01 Apr 2022 20:15

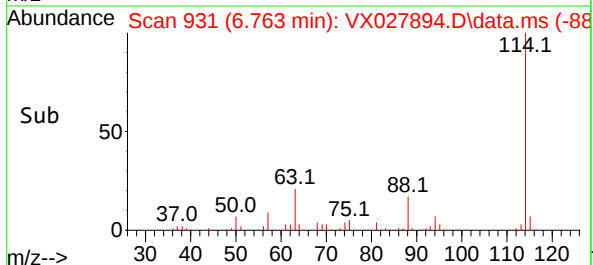
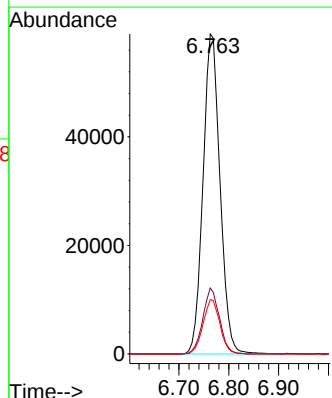
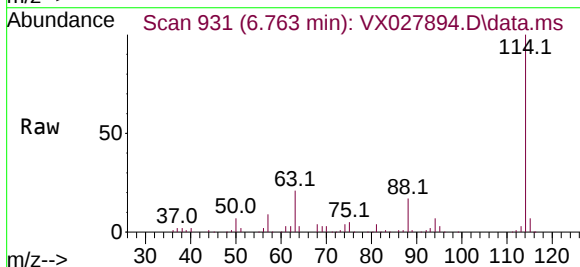
Tgt Ion: 114 Resp: 139693

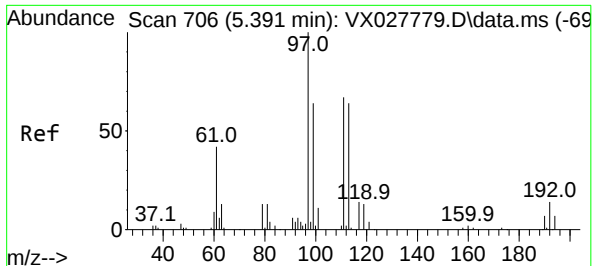
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.8

88 17.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.114 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027894.D

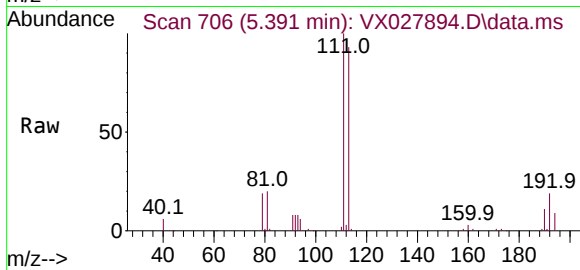
Acq: 01 Apr 2022 20:15

Instrument :

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ClientSampleId :

MW181S-20220321



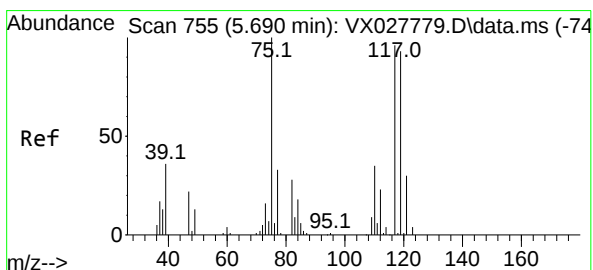
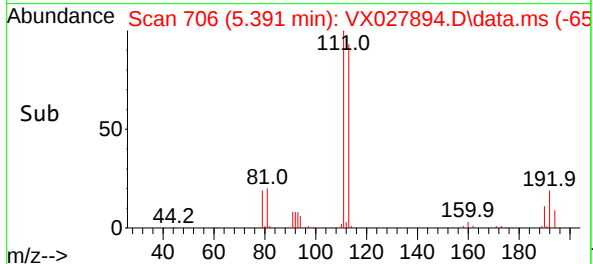
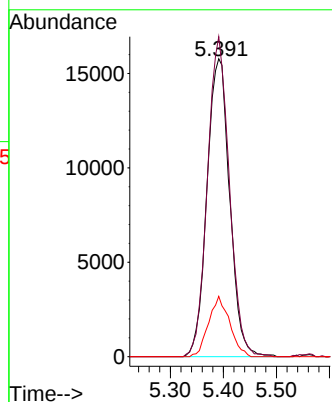
Tgt Ion:113 Resp: 46990

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

192 18.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.741 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX027894.D

Acq: 01 Apr 2022 20:15

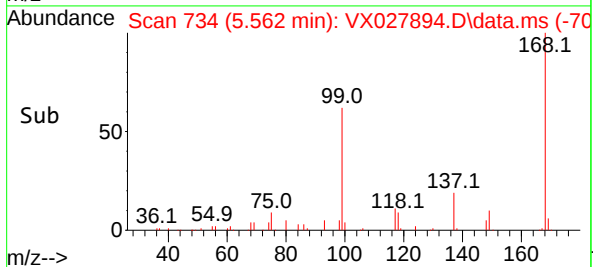
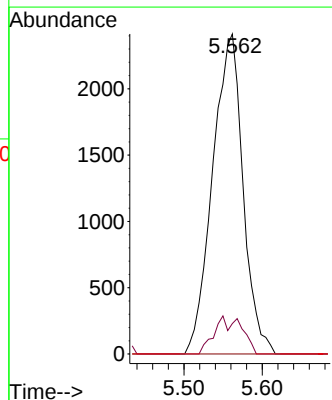
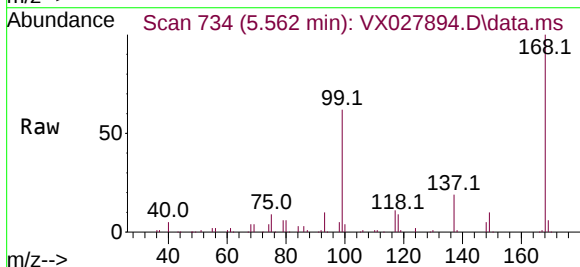
Tgt Ion: 75 Resp: 6520

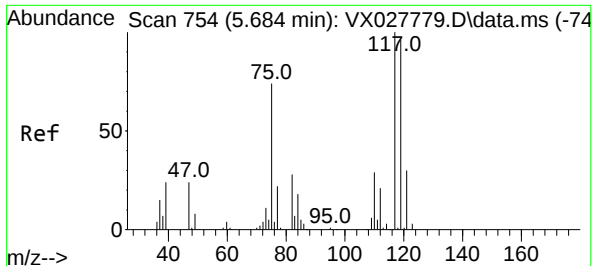
Ion Ratio Lower Upper

75 100

110 5.6 18.3 54.8#

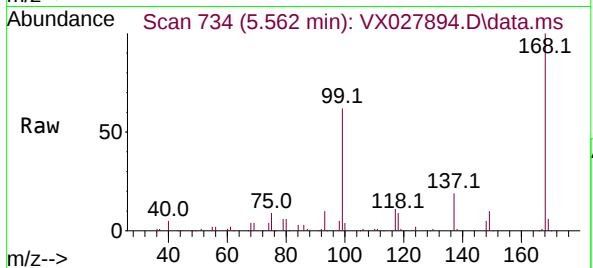
77 0.0 24.8 37.2#



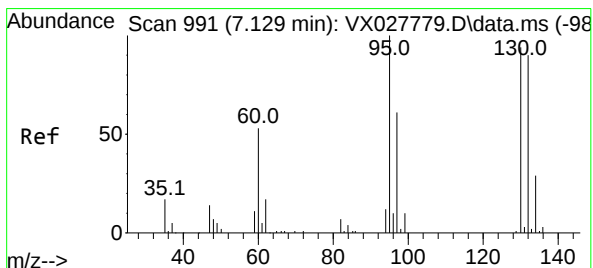
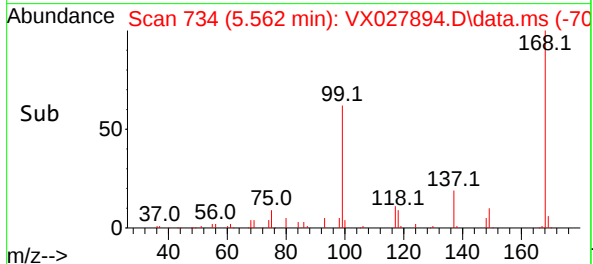
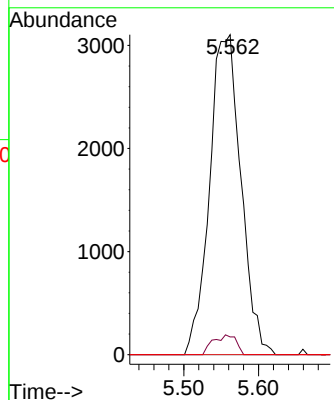


#38
Carbon Tetrachloride
Concen: 7.214 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX027894.D
Acq: 01 Apr 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
MW181S-20220321

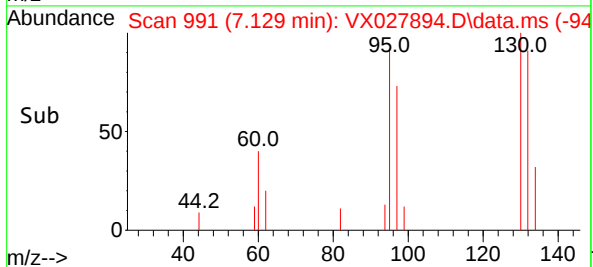
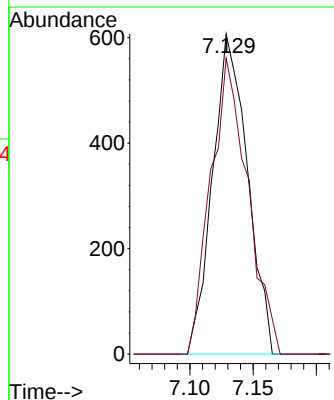
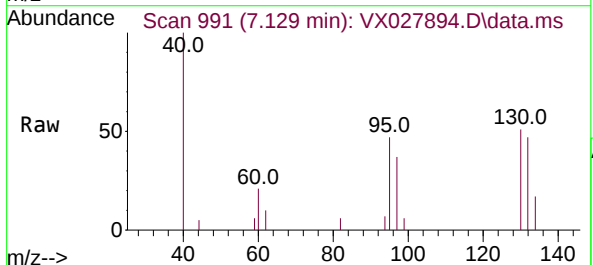


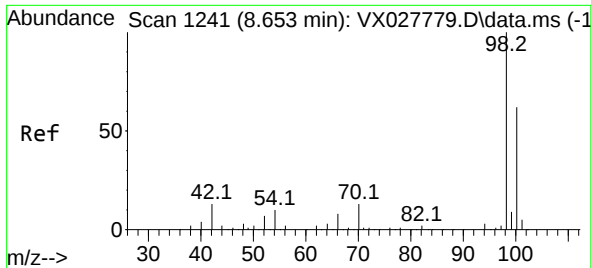
Tgt Ion:117 Resp: 9051
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 1.239 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027894.D
Acq: 01 Apr 2022 20:15

Tgt Ion:130 Resp: 1159
Ion Ratio Lower Upper
130 100
95 92.4 0.0 188.8

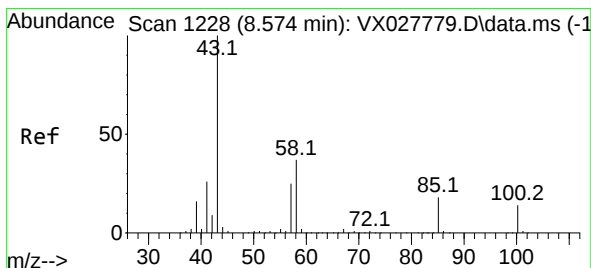
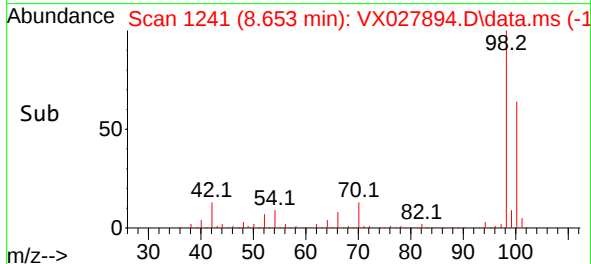
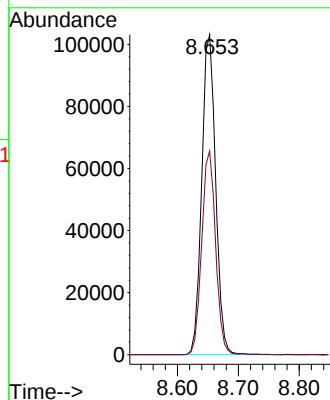
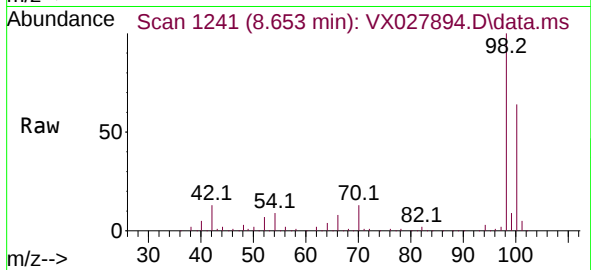




#50
Toluene-d8
Concen: 51.516 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027894.D
Acq: 01 Apr 2022 20:15

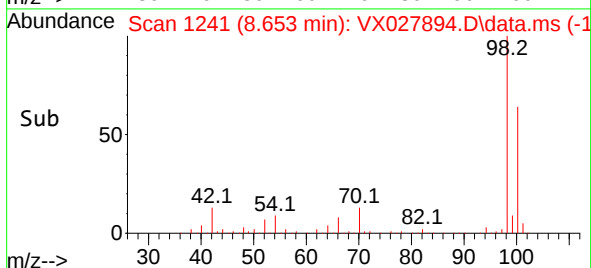
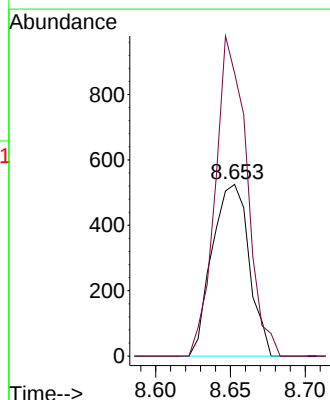
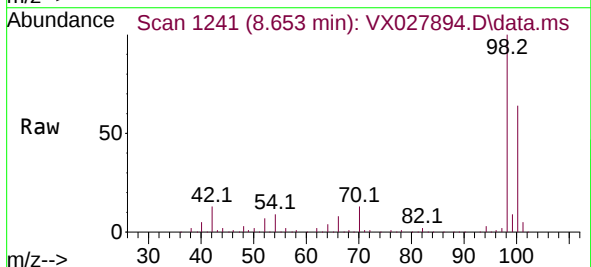
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20220321

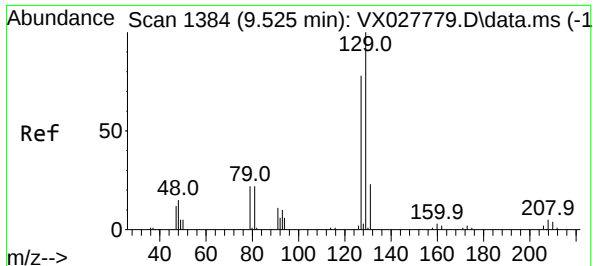
Tgt Ion: 98 Resp: 163436
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.577 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027894.D
Acq: 01 Apr 2022 20:15

Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 158.3 36.1 54.1#

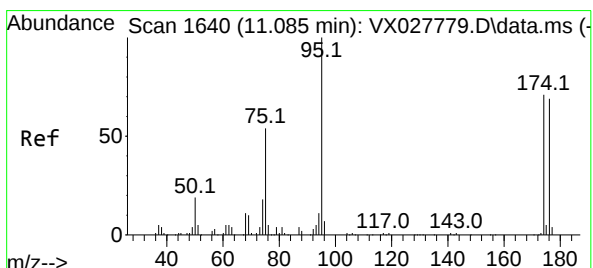
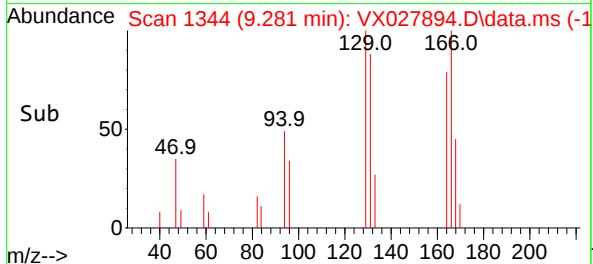
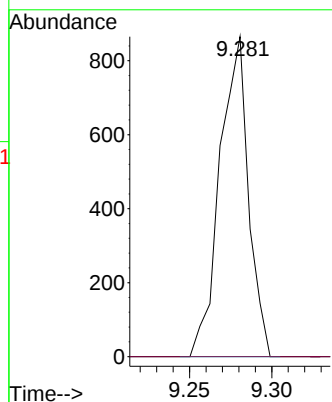
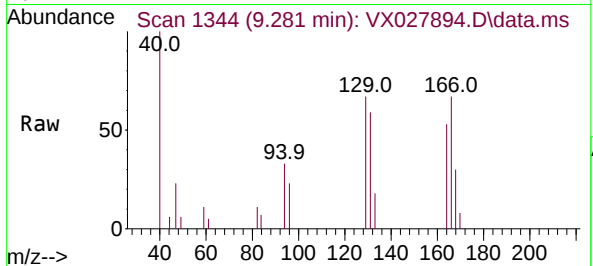




#60
Dibromochloromethane
Concen: 1.051 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX027894.D
Acq: 01 Apr 2022 20:15

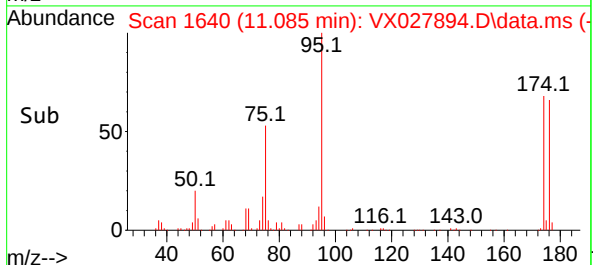
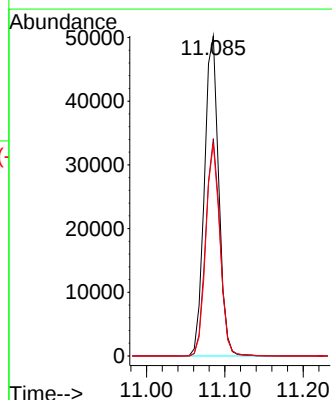
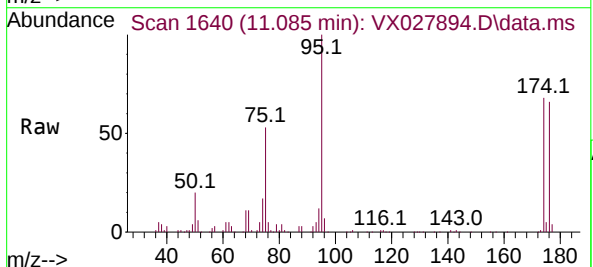
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20220321

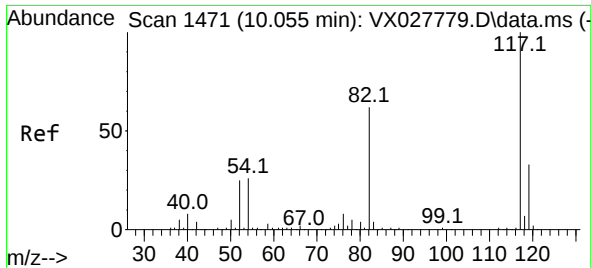
Tgt Ion:129 Resp: 1048
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 47.290 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027894.D
Acq: 01 Apr 2022 20:15

Tgt Ion: 95 Resp: 63757
Ion Ratio Lower Upper
95 100
174 67.3 0.0 163.0
176 65.3 0.0 155.0

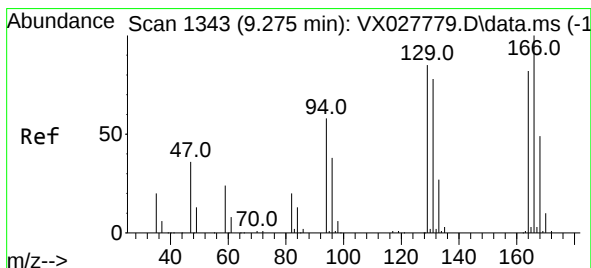
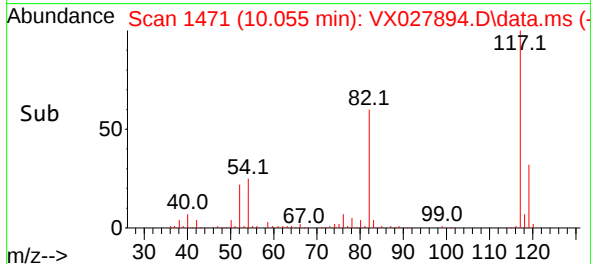
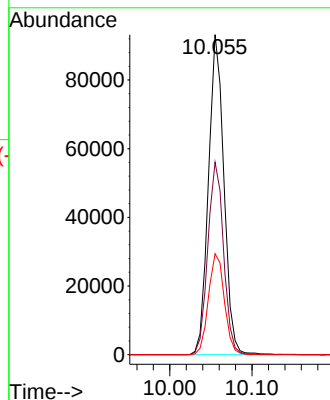
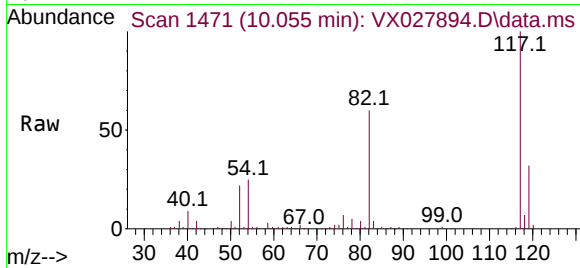




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027894.D
Acq: 01 Apr 2022 20:15

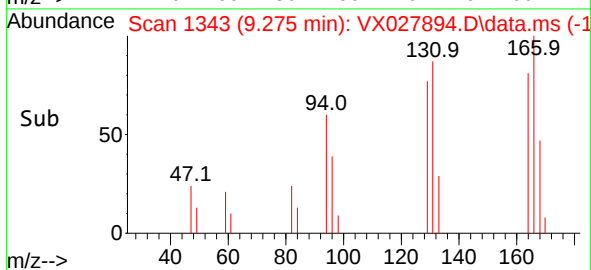
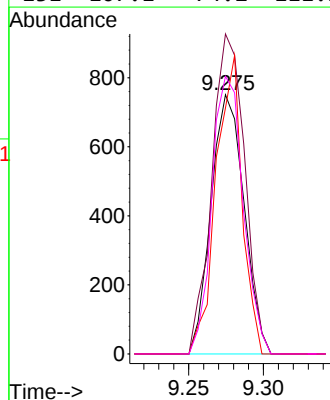
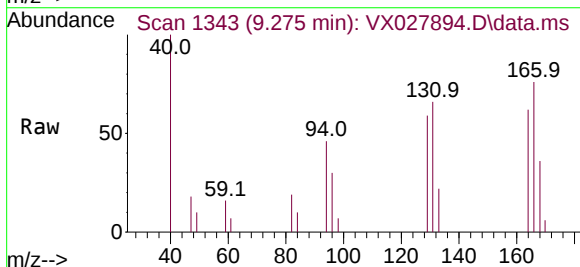
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20220321

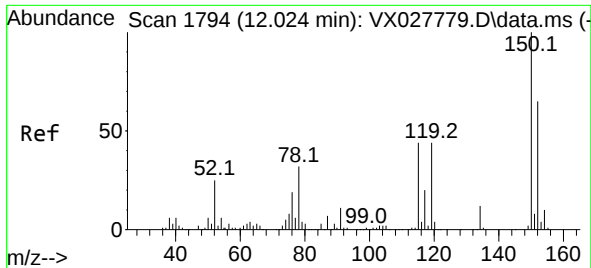
Tgt Ion:117 Resp: 121775
Ion Ratio Lower Upper
117 100
82 60.2 41.8 62.8
119 31.5 24.8 37.2



#64
Tetrachloroethene
Concen: 1.395 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX027894.D
Acq: 01 Apr 2022 20:15

Tgt Ion:164 Resp: 1152
Ion Ratio Lower Upper
164 100
166 123.4 101.2 151.8
129 94.9 73.0 109.4
131 107.1 74.2 111.2

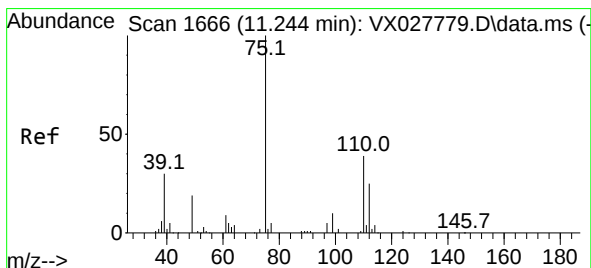
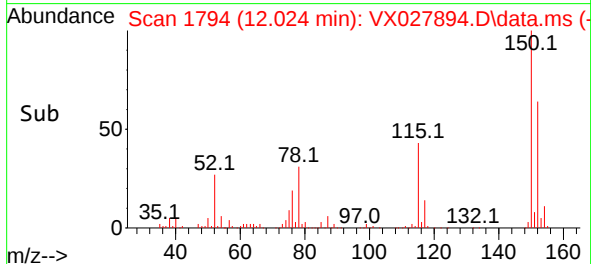
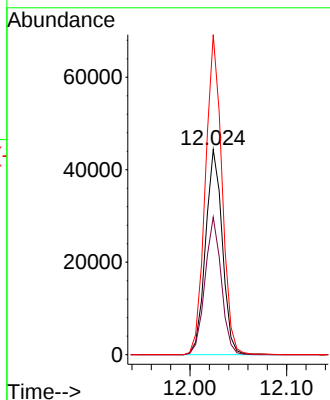
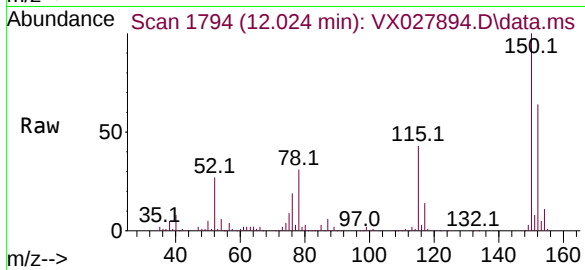




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027894.D
 Acq: 01 Apr 2022 20:15

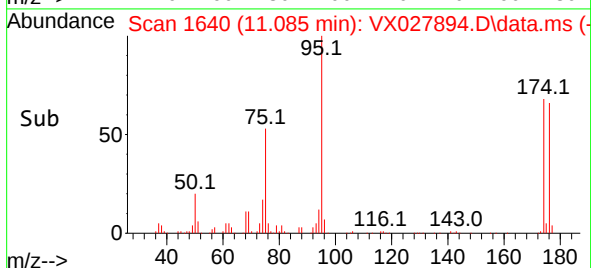
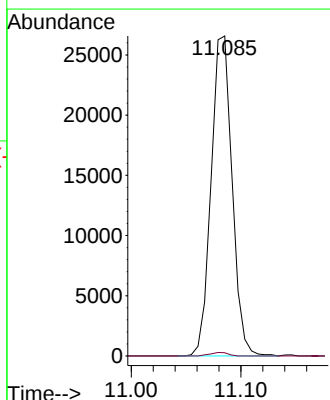
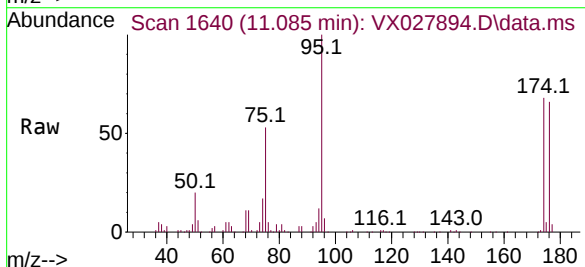
Instrument :
 MSVOA_X
 ClientSampleId :
 MW181S-20220321

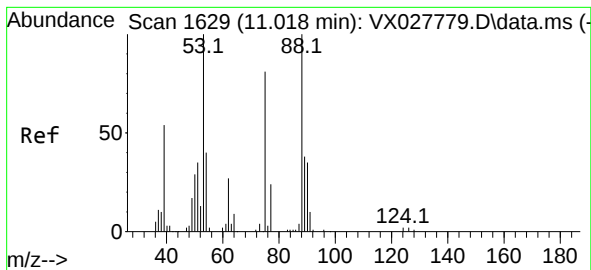
Tgt Ion:152 Resp: 53402
 Ion Ratio Lower Upper
 152 100
 115 65.1 37.5 112.7
 150 154.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 28.242 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX027894.D
 Acq: 01 Apr 2022 20:15

Tgt Ion: 75 Resp: 35379
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.467 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX027894.D
 Acq: 01 Apr 2022 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MW181S-20220321

Tgt Ion: 75 Resp: 35379
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

