

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027891.D
 Acq On : 01 Apr 2022 19:05
 Operator : JC/MD
 Sample : N2074-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D2-20220320

Quant Time: Apr 02 05:10:37 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)

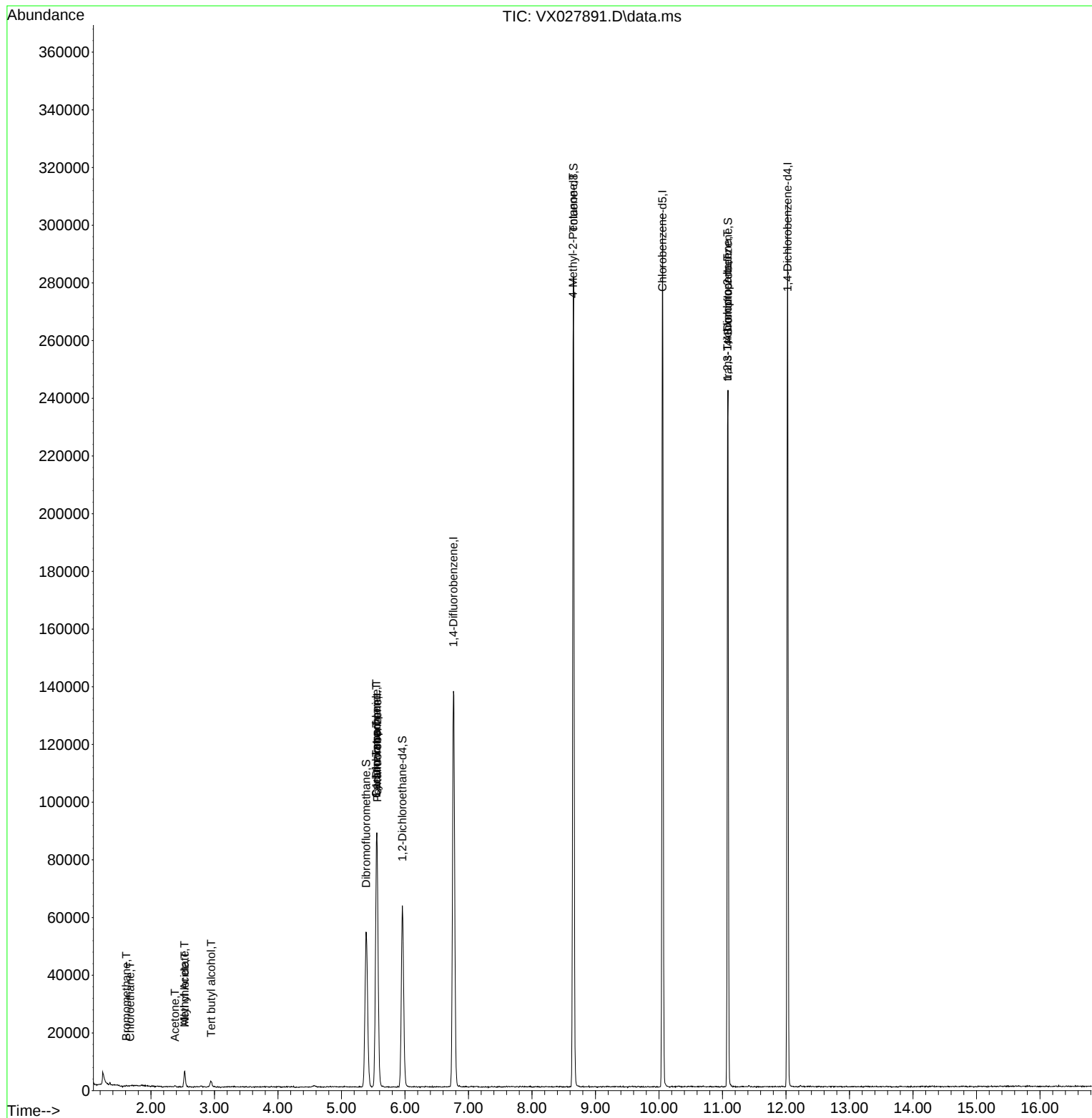
Internal Standards						
1) Pentafluorobenzene	5.562	168	75781	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	135230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62549	63.970	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 127.940%	
35) Dibromofluoromethane	5.385	113	46408	53.167	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.340%	
50) Toluene-d8	8.653	98	160076	52.122	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.240%	
62) 4-Bromofluorobenzene	11.085	95	65740	50.370	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	104	0.371	ug/l #	3
6) Chloroethane	1.673	64	141	0.336	ug/l #	43
11) Tert butyl alcohol	2.947	59	1278	6.804	ug/l #	72
14) Allyl chloride	2.532	41	566	0.474	ug/l #	59
16) Acetone	2.380	43	632	1.460	ug/l	90
18) Methyl Acetate	2.526	43	1589	1.490	ug/l #	46
31) Cyclohexane	5.550	56	1912	1.769	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	6742	6.132	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8588	7.071	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	814	0.538	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36327	27.872	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	36327	81.432	ug/l #	15

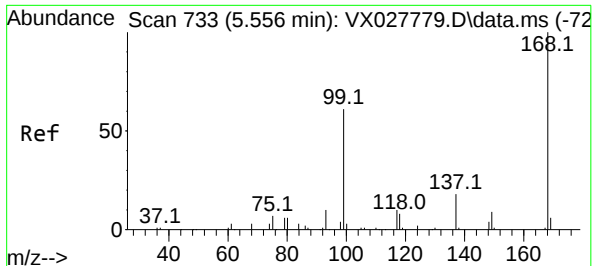
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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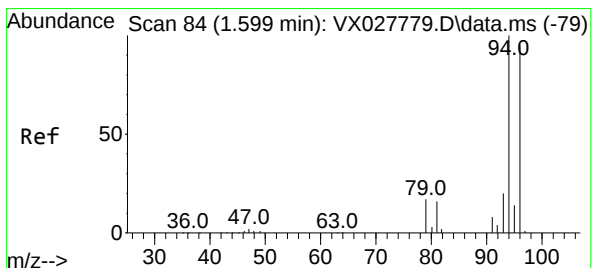
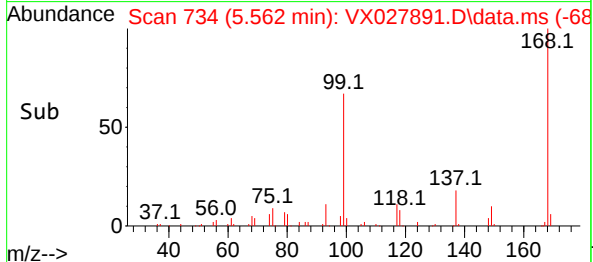
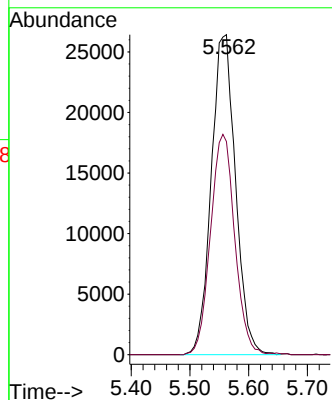
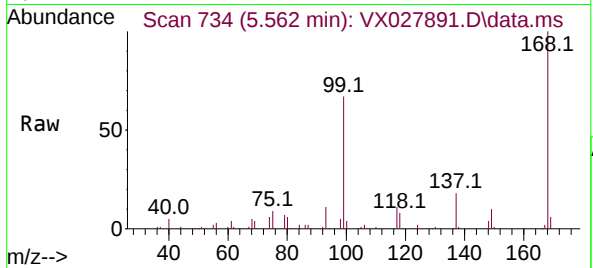




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027891.D
Acq: 01 Apr 2022 19:05

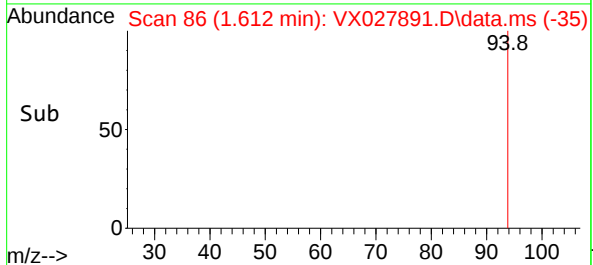
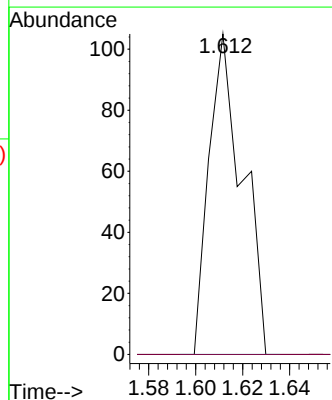
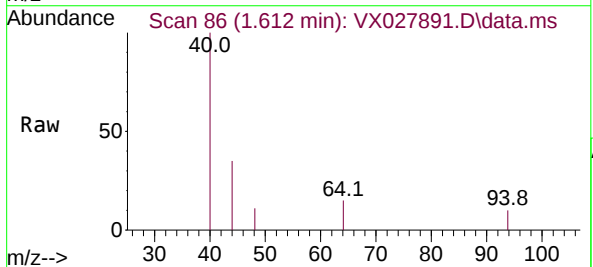
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220320

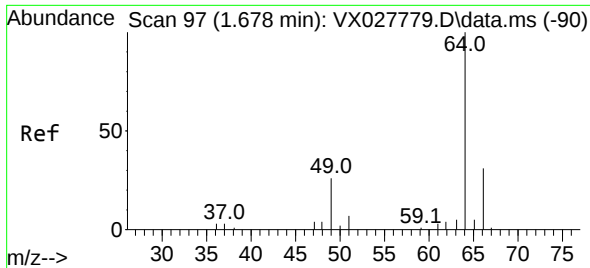
Tgt Ion:168 Resp: 75781
Ion Ratio Lower Upper
168 100
99 66.6 41.7 62.5#



#5
Bromomethane
Concen: 0.371 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX027891.D
Acq: 01 Apr 2022 19:05

Tgt Ion: 94 Resp: 104
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#

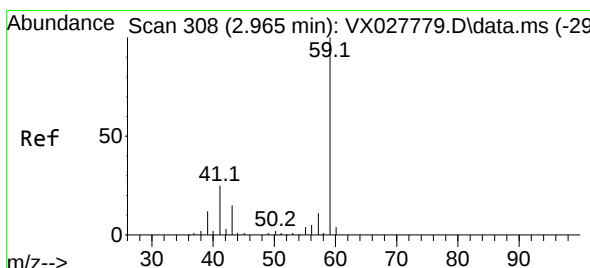
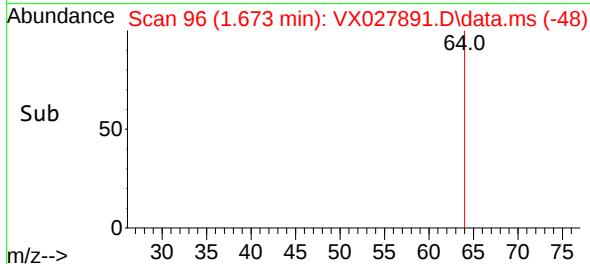
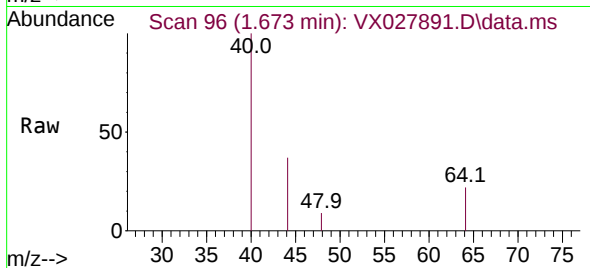




#6
Chloroethane
Concen: 0.336 ug/l
RT: 1.673 min Scan# 90
Delta R.T. -0.005 min
Lab File: VX027891.D
Acq: 01 Apr 2022 19:05

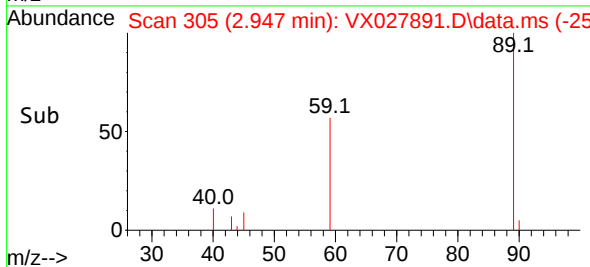
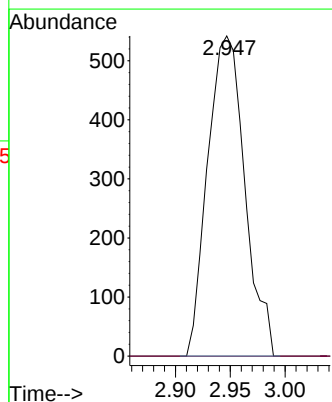
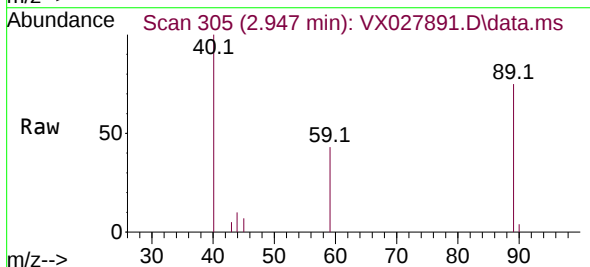
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220320

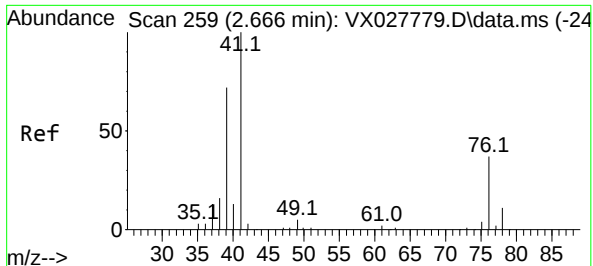
Tgt Ion: 64 Resp: 141
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 6.804 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX027891.D
Acq: 01 Apr 2022 19:05

Tgt Ion: 59 Resp: 1278
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

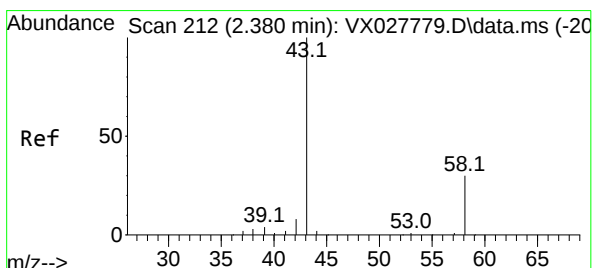
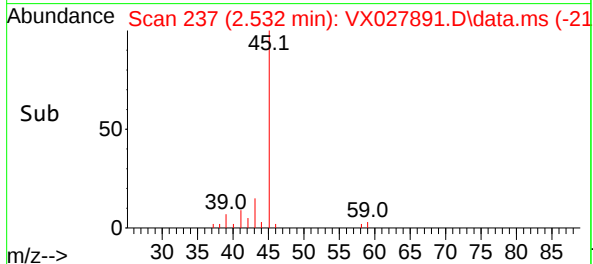
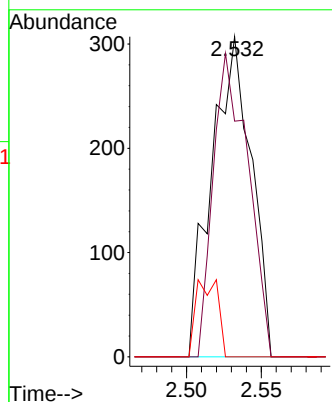
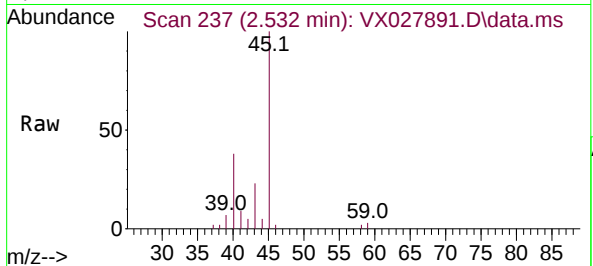




#14
 Allyl chloride
 Concen: 0.474 ug/l
 RT: 2.532 min Scan# 212
 Delta R.T. -0.134 min
 Lab File: VX027891.D
 Acq: 01 Apr 2022 19:05

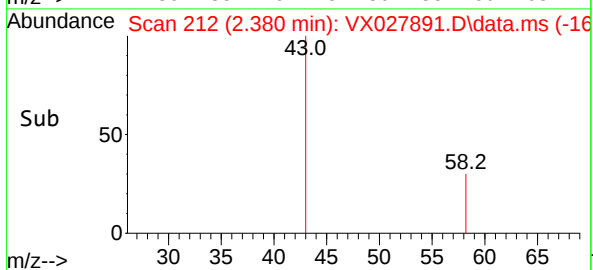
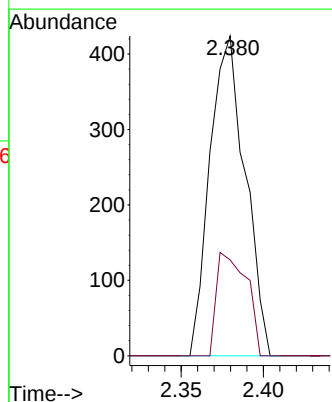
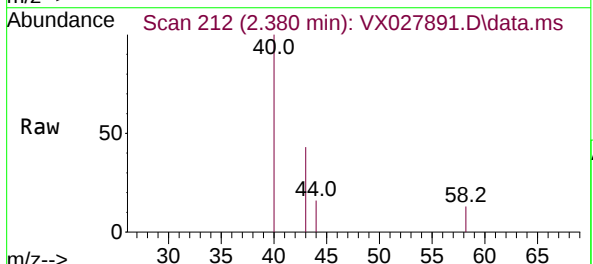
Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D2-20220320

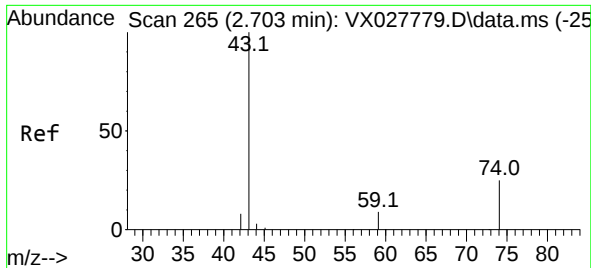
Tgt Ion: 41 Resp: 566
 Ion Ratio Lower Upper
 41 100
 39 82.9 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 1.460 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX027891.D
 Acq: 01 Apr 2022 19:05

Tgt Ion: 43 Resp: 632
 Ion Ratio Lower Upper
 43 100
 58 30.0 28.8 43.2





#18

Methyl Acetate

Concen: 1.490 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.177 min

Lab File: VX027891.D

Acq: 01 Apr 2022 19:05

Instrument :

MSVOA_X

ClientSampleId :

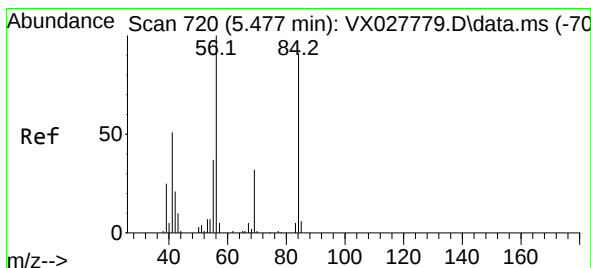
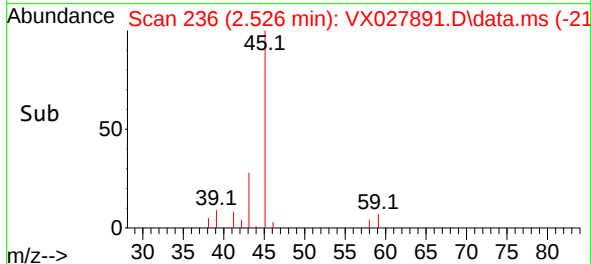
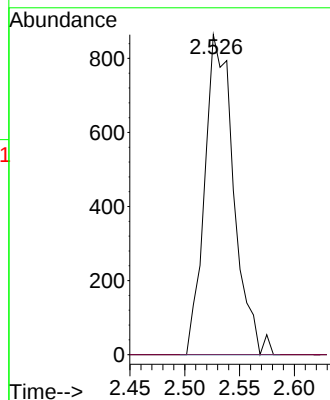
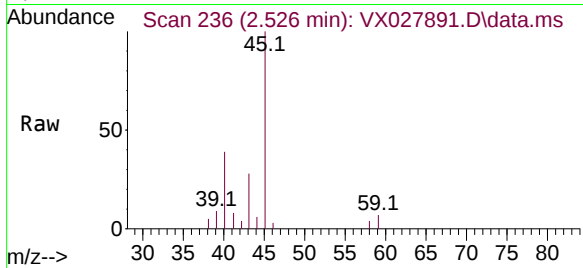
RW8-MW01D2-20220320

Tgt Ion: 43 Resp: 1589

Ion Ratio Lower Upper

43 100

74 0.0 22.8 34.2#



#31

Cyclohexane

Concen: 1.769 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX027891.D

Acq: 01 Apr 2022 19:05

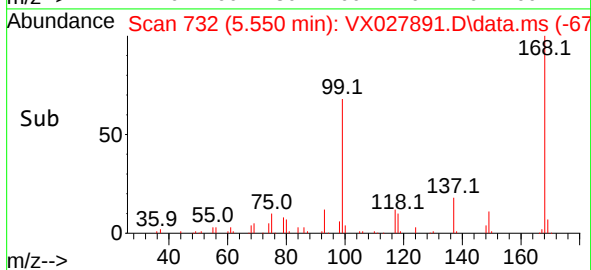
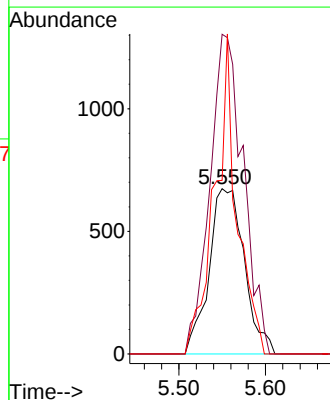
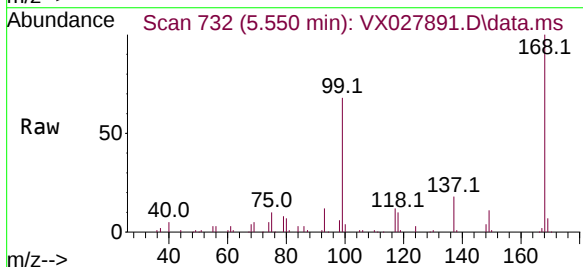
Tgt Ion: 56 Resp: 1912

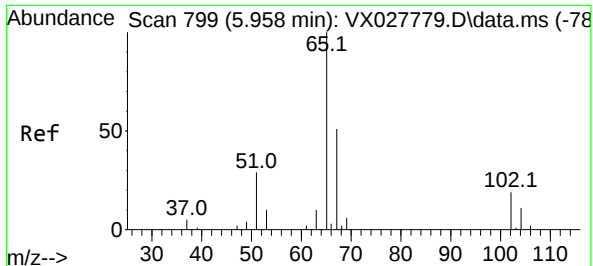
Ion Ratio Lower Upper

56 100

69 193.5 26.7 40.1#

84 105.0 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 63.970 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027891.D

Acq: 01 Apr 2022 19:05

Instrument :

MSVOA_X

ClientSampleId :

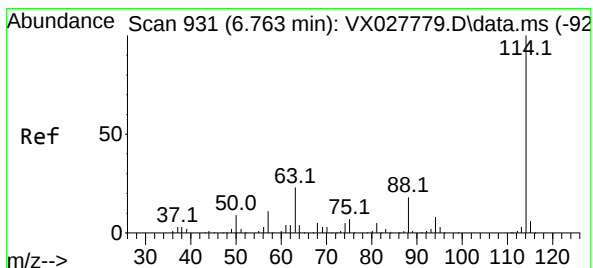
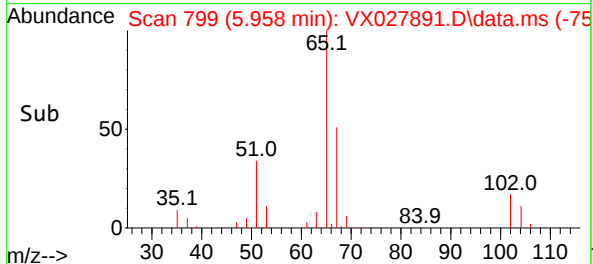
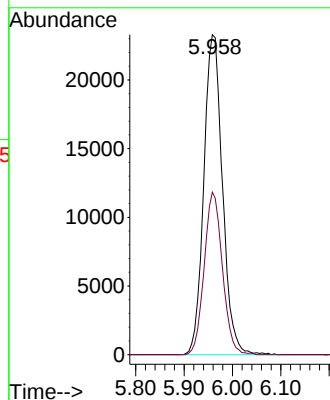
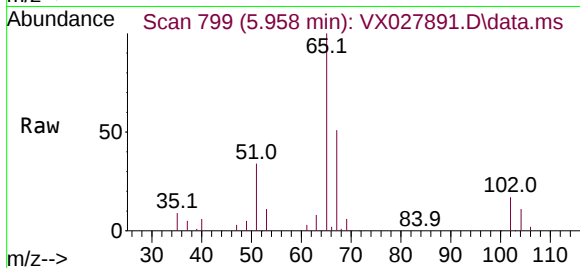
RW8-MW01D2-20220320

Tgt Ion: 65 Resp: 62549

Ion Ratio Lower Upper

65 100

67 49.5 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: VX027891.D

Acq: 01 Apr 2022 19:05

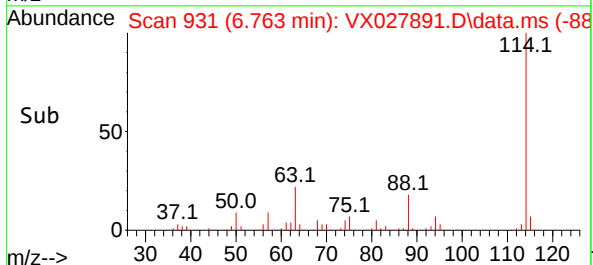
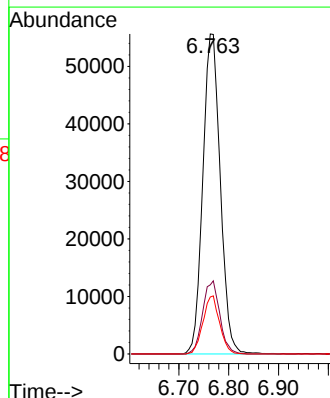
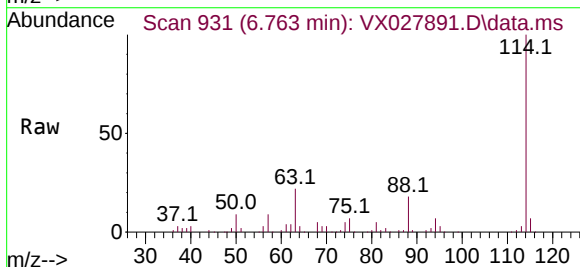
Tgt Ion: 114 Resp: 135230

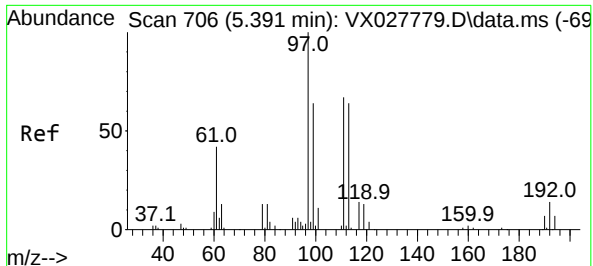
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.8

88 17.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.167 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX027891.D

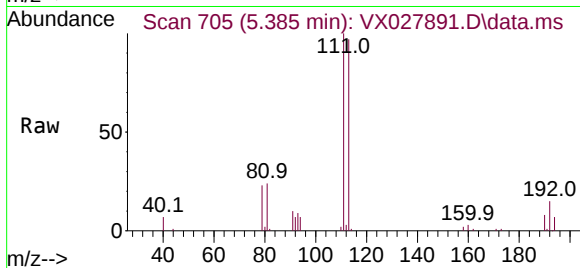
Acq: 01 Apr 2022 19:05

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D2-20220320



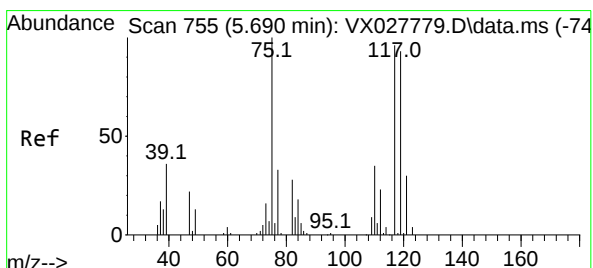
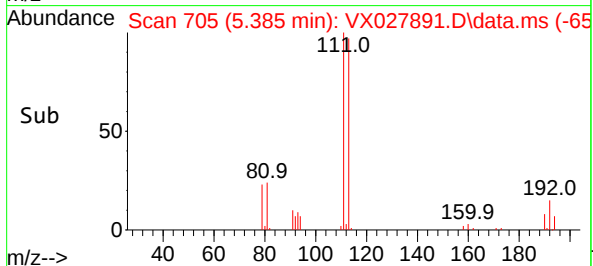
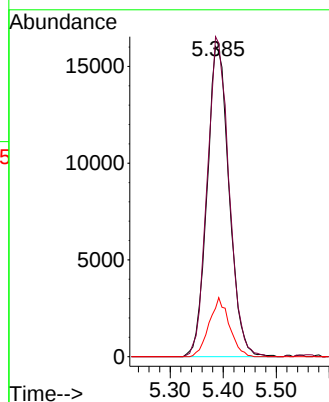
Tgt Ion:113 Resp: 46408

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 17.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 6.132 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX027891.D

Acq: 01 Apr 2022 19:05

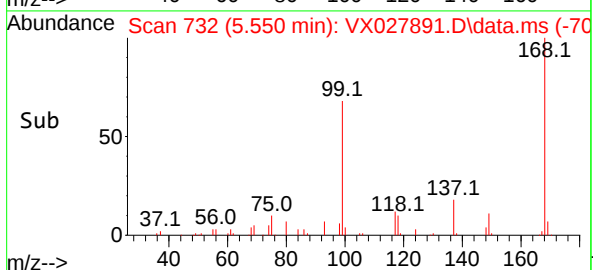
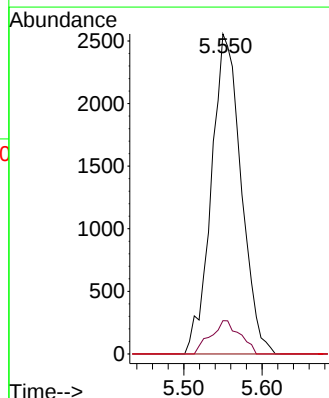
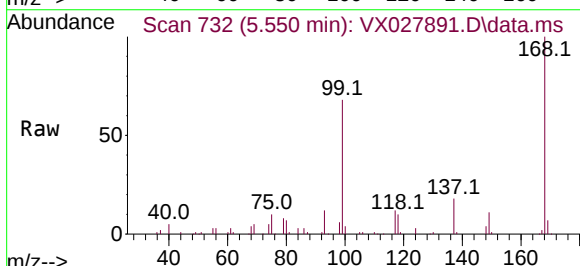
Tgt Ion: 75 Resp: 6742

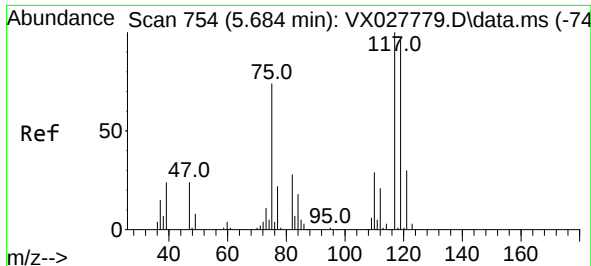
Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 0.0 24.8 37.2#

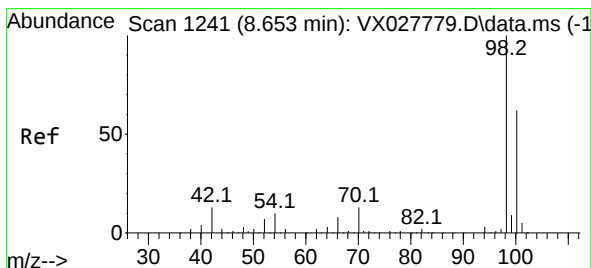
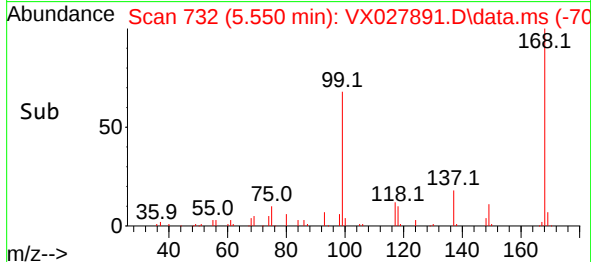
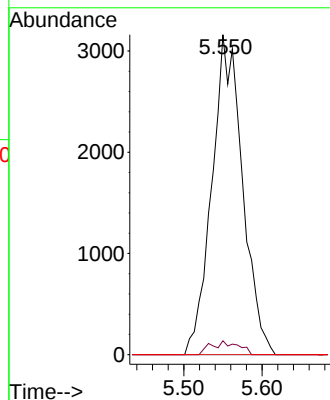
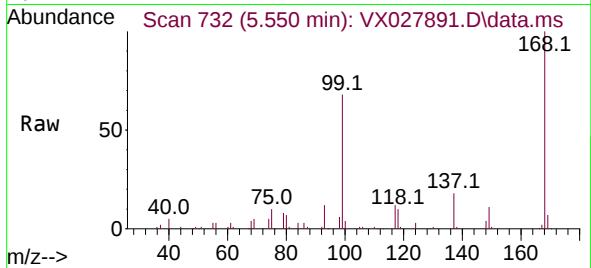




#38
Carbon Tetrachloride
Concen: 7.071 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX027891.D
Acq: 01 Apr 2022 19:05

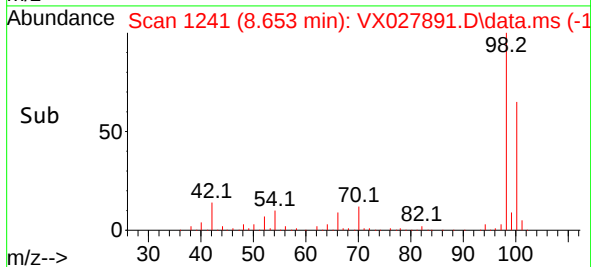
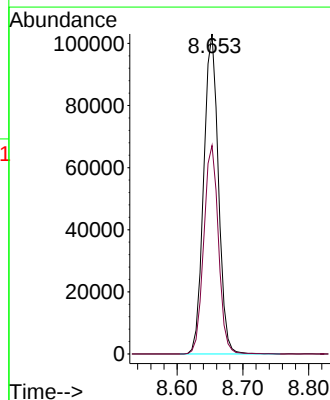
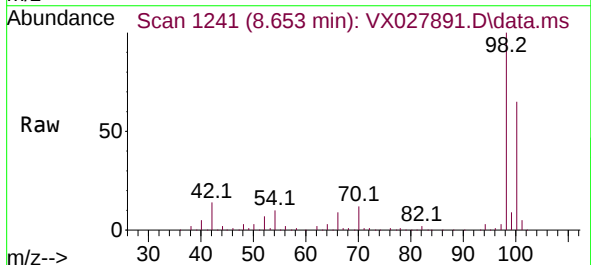
Instrument :
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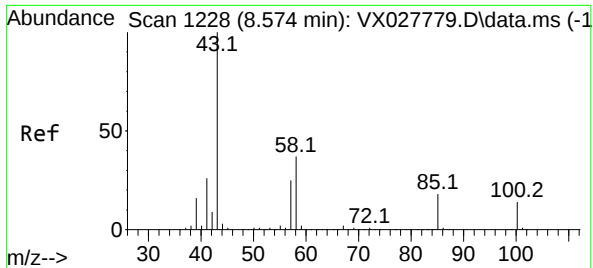
Tgt Ion:117 Resp: 8588
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.122 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027891.D
Acq: 01 Apr 2022 19:05

Tgt Ion: 98 Resp: 160076
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

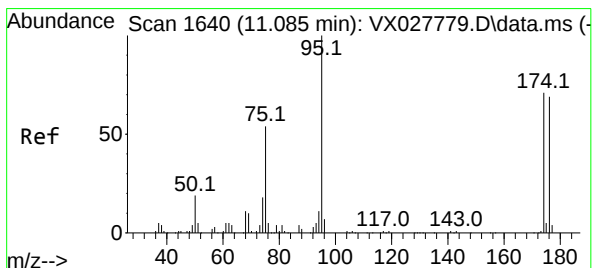
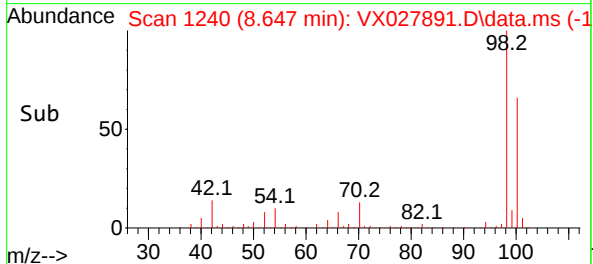
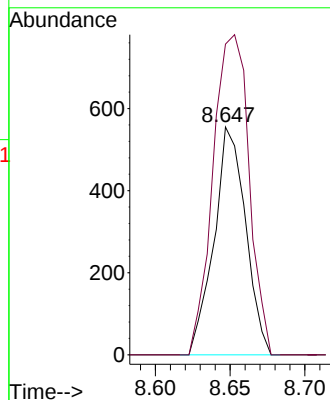
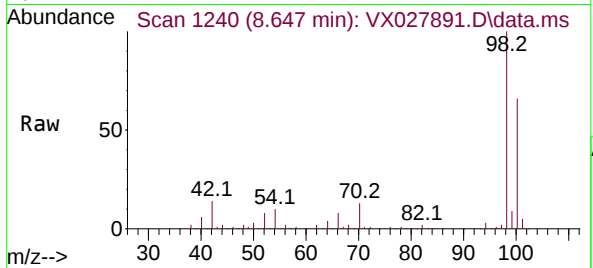




#51
4-Methyl-2-Pentanone
Concen: 0.538 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027891.D
Acq: 01 Apr 2022 19:05

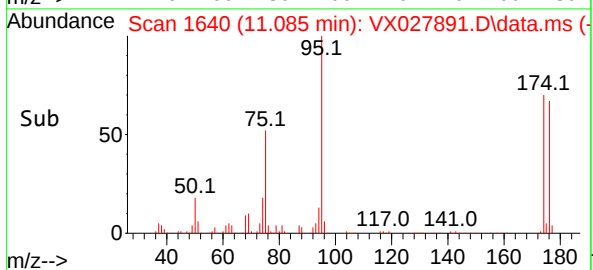
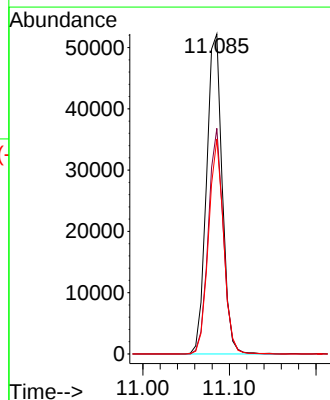
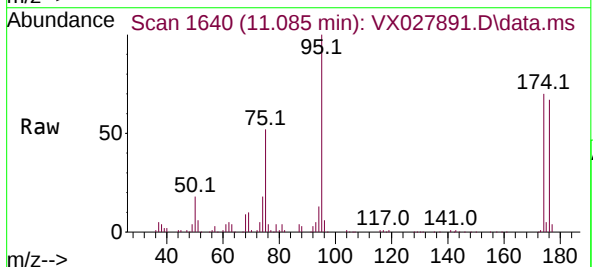
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220320

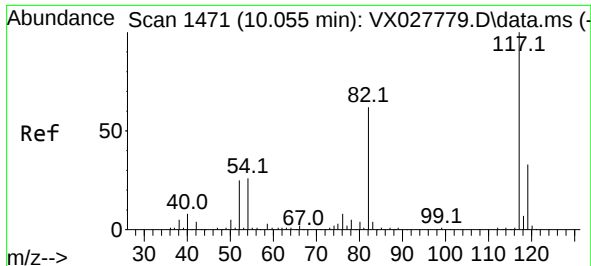
Tgt Ion: 43 Resp: 814
Ion Ratio Lower Upper
43 100
58 160.7 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 50.370 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027891.D
Acq: 01 Apr 2022 19:05

Tgt Ion: 95 Resp: 65740
Ion Ratio Lower Upper
95 100
174 67.3 0.0 163.0
176 64.5 0.0 155.0

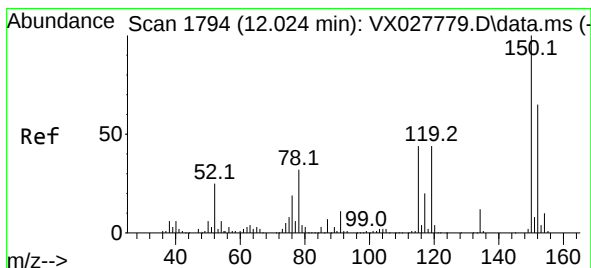
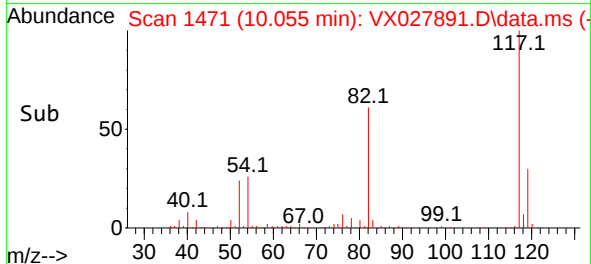
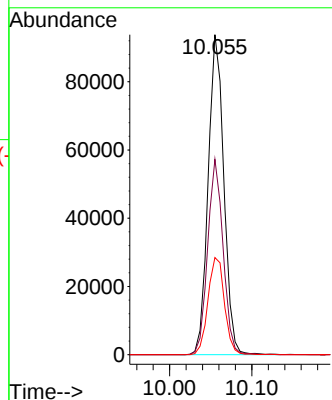
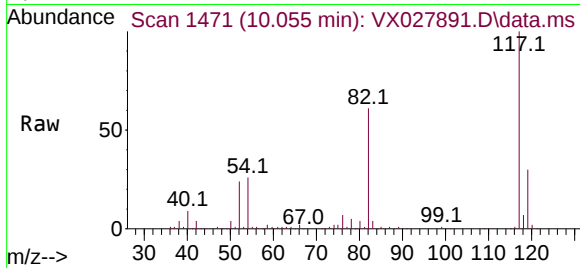




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027891.D
Acq: 01 Apr 2022 19:05

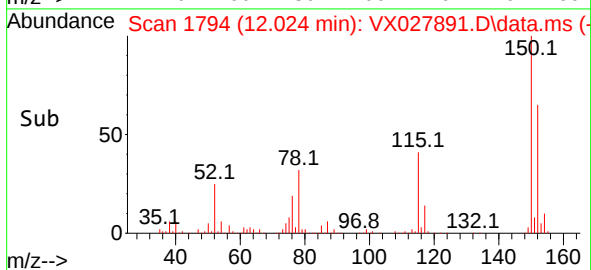
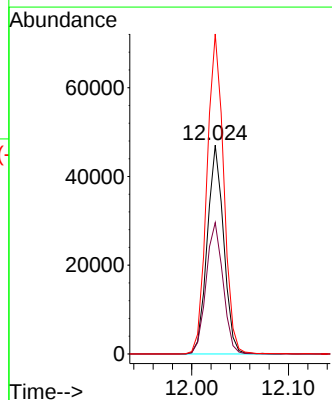
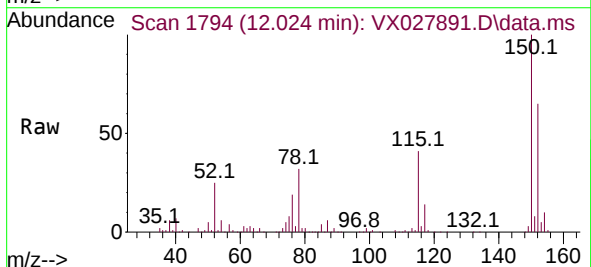
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220320

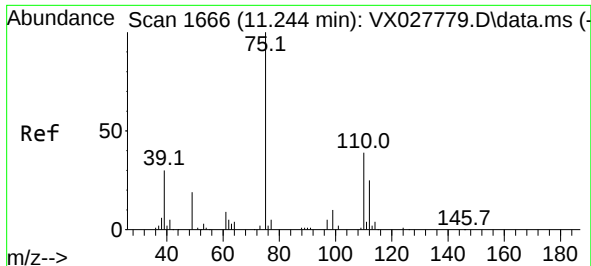
Tgt Ion:117 Resp: 124137
Ion Ratio Lower Upper
117 100
82 61.1 41.8 62.8
119 30.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027891.D
Acq: 01 Apr 2022 19:05

Tgt Ion:152 Resp: 55561
Ion Ratio Lower Upper
152 100
115 64.9 37.5 112.7
150 156.6 0.0 338.2

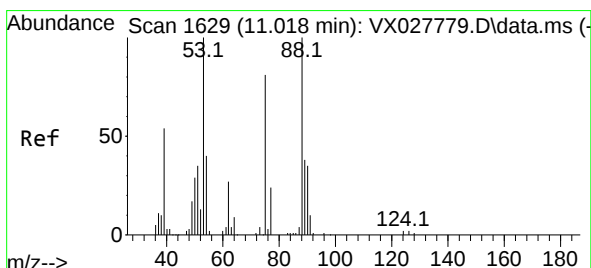
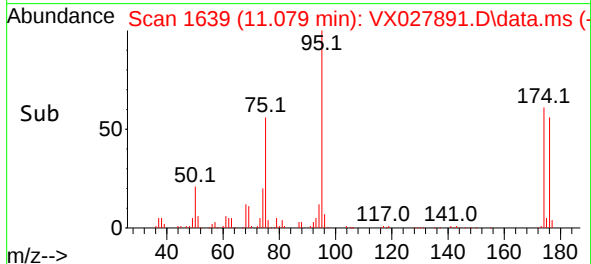
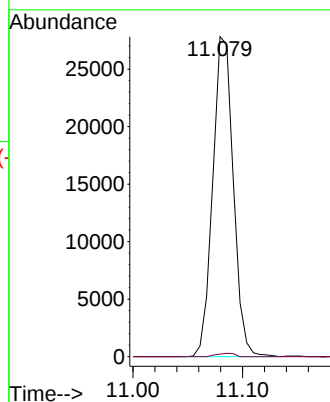
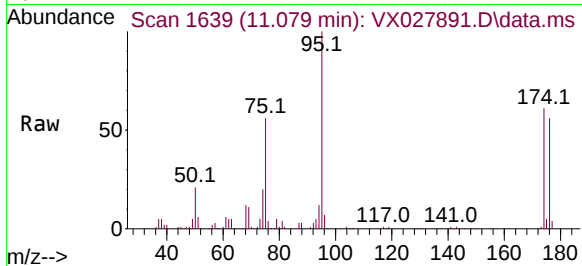




#76
1,2,3-Trichloropropane
Concen: 27.872 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027891.D
Acq: 01 Apr 2022 19:05

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220320

Tgt Ion: 75 Resp: 36327
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.432 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027891.D
Acq: 01 Apr 2022 19:05

Tgt Ion: 75 Resp: 36327
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

