

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027890.D
 Acq On : 01 Apr 2022 18:42
 Operator : JC/MD
 Sample : N2074-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01S-20220320RE

Quant Time: Apr 02 05:10:21 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)

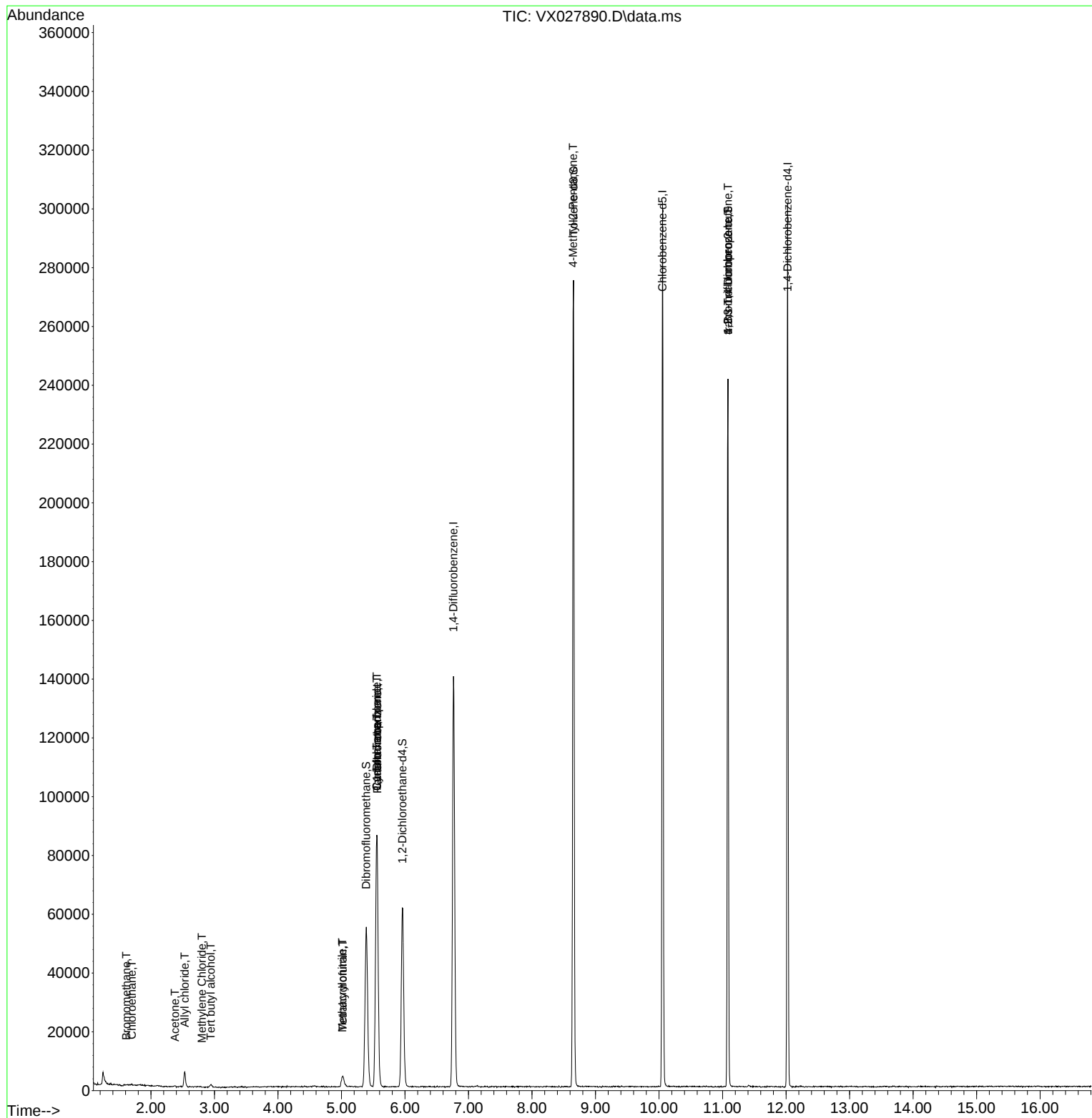
Internal Standards						
1) Pentafluorobenzene	5.562	168	75513	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	134052	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62147	63.785	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 127.560%	
35) Dibromofluoromethane	5.385	113	46922	54.228	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.460%	
50) Toluene-d8	8.653	98	159123	52.267	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.540%	
62) 4-Bromofluorobenzene	11.085	95	65162	50.366	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	78	0.279	ug/l	# 3
6) Chloroethane	1.697	64	367	0.878	ug/l	# 43
11) Tert butyl alcohol	2.941	59	735	3.927	ug/l	# 72
14) Allyl chloride	2.532	41	554	0.465	ug/l	# 50
16) Acetone	2.380	43	531	1.231	ug/l	# 99
20) Methylene Chloride	2.800	84	207	0.267	ug/l	# 34
29) Tetrahydrofuran	5.019	42	3450	8.560	ug/l	# 81
31) Cyclohexane	5.556	56	2011	1.867	ug/l	# 48
36) 1,1-Dichloropropene	5.556	75	6913	6.343	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	8379	6.959	ug/l	# 17
41) Methacrylonitrile	5.013	41	2103	2.926	ug/l	# 39
51) 4-Methyl-2-Pentanone	8.647	43	714	0.476	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	34791	25.336	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	34791	74.343	ug/l	# 15

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

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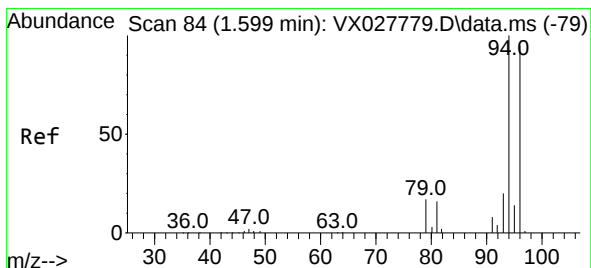
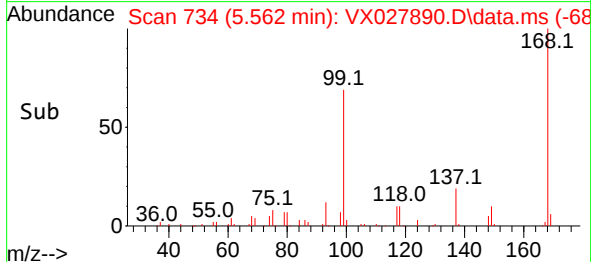
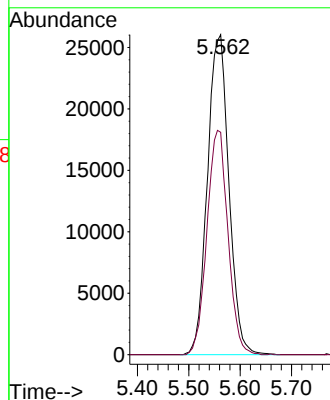
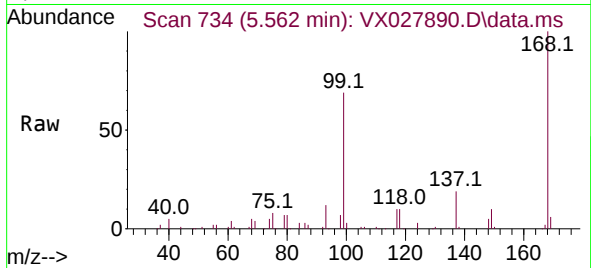




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027890.D
Acq: 01 Apr 2022 18:42

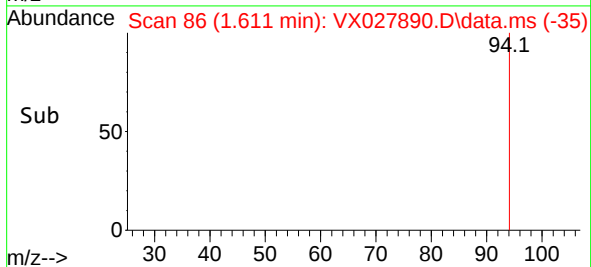
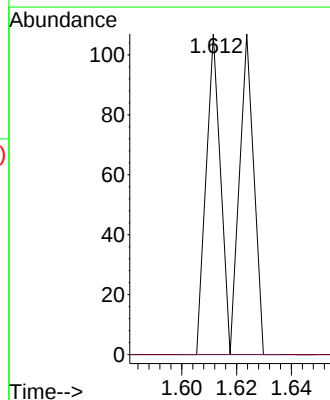
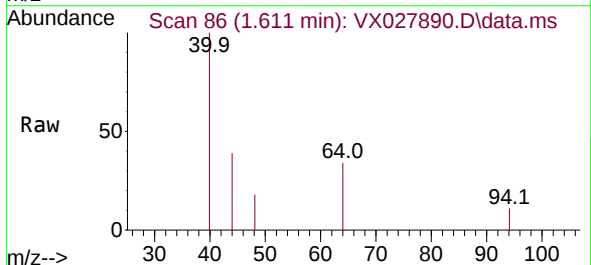
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220320RE

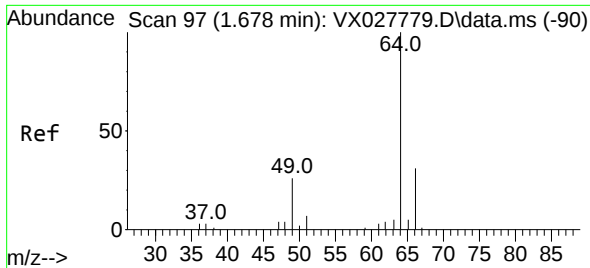
Tgt Ion:168 Resp: 75513
Ion Ratio Lower Upper
168 100
99 69.5 41.7 62.5#



#5
Bromomethane
Concen: 0.279 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027890.D
Acq: 01 Apr 2022 18:42

Tgt Ion: 94 Resp: 78
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#

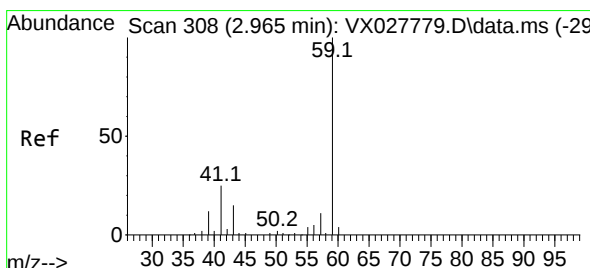
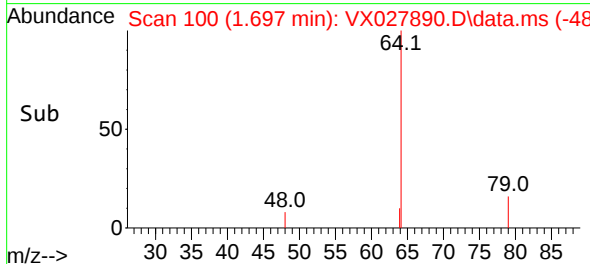
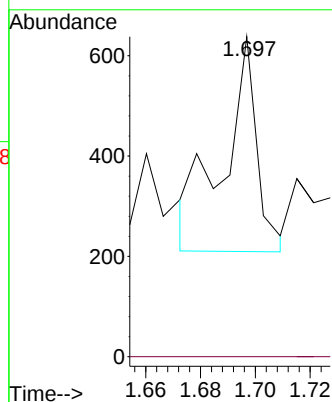
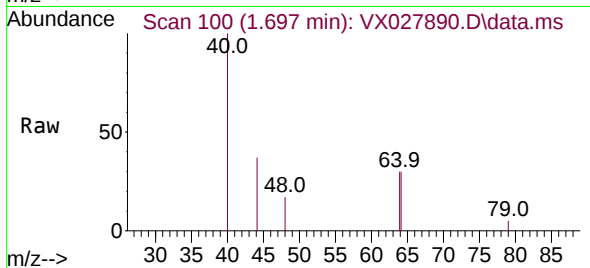




#6
Chloroethane
Concen: 0.878 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX027890.D
Acq: 01 Apr 2022 18:42

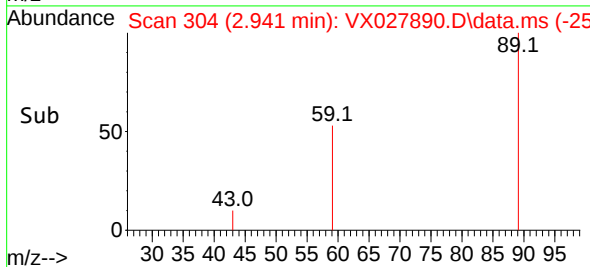
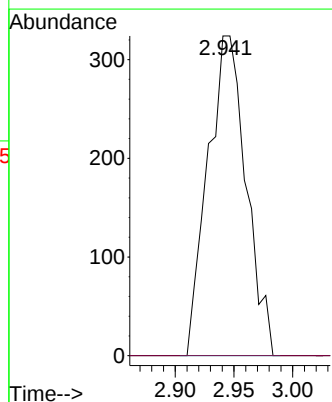
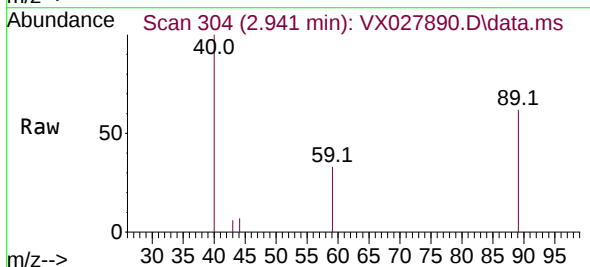
Instrument :
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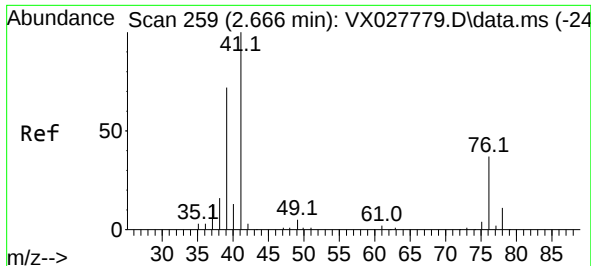
Tgt Ion: 64 Resp: 367
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 3.927 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX027890.D
Acq: 01 Apr 2022 18:42

Tgt Ion: 59 Resp: 735
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

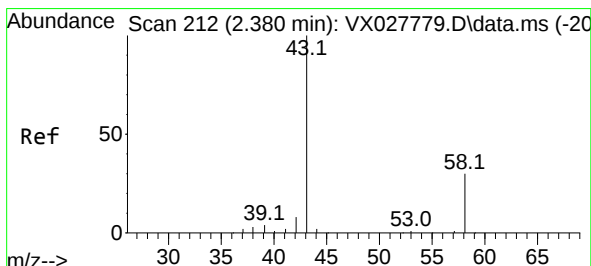
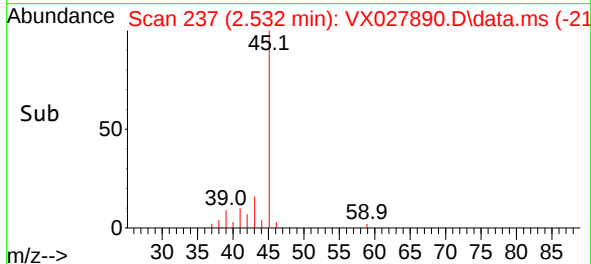
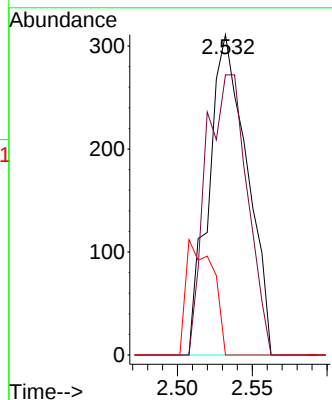
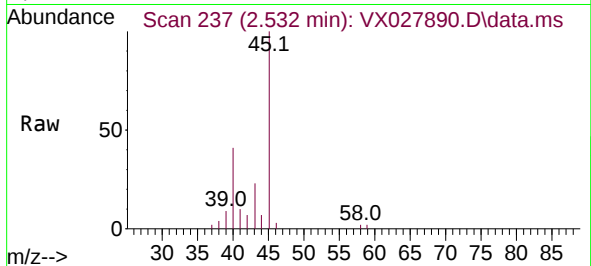




#14
 Allyl chloride
 Concen: 0.465 ug/l
 RT: 2.532 min Scan# 21
 Delta R.T. -0.134 min
 Lab File: VX027890.D
 Acq: 01 Apr 2022 18:42

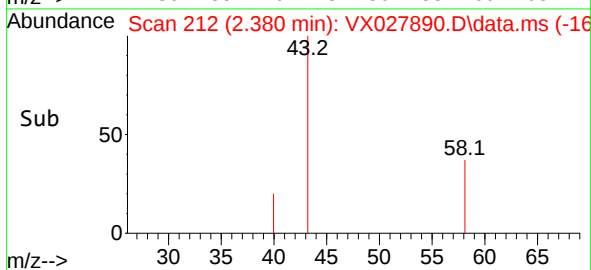
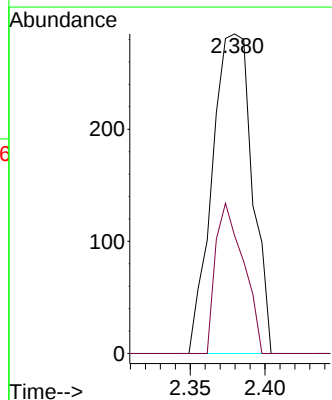
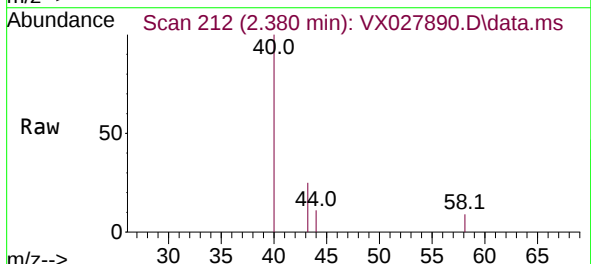
Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01S-20220320RE

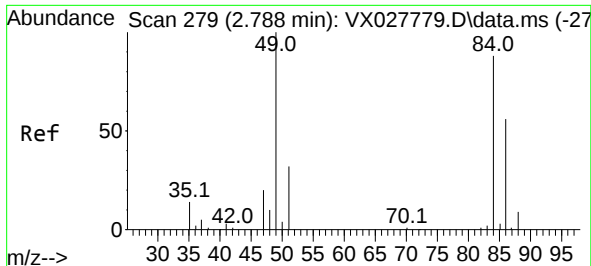
Tgt Ion: 41 Resp: 554
 Ion Ratio Lower Upper
 41 100
 39 94.2 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 1.231 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX027890.D
 Acq: 01 Apr 2022 18:42

Tgt Ion: 43 Resp: 531
 Ion Ratio Lower Upper
 43 100
 58 36.8 28.8 43.2





#20

Methylene Chloride

Concen: 0.267 ug/l

RT: 2.800 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX027890.D

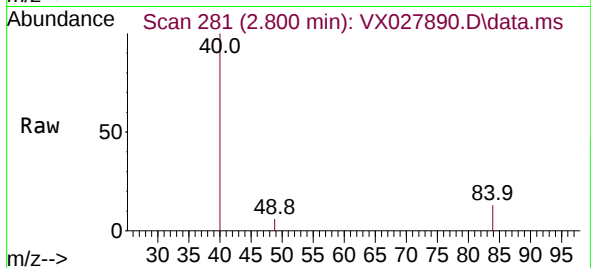
Acq: 01 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01S-20220320RE



Tgt Ion: 84 Resp: 207

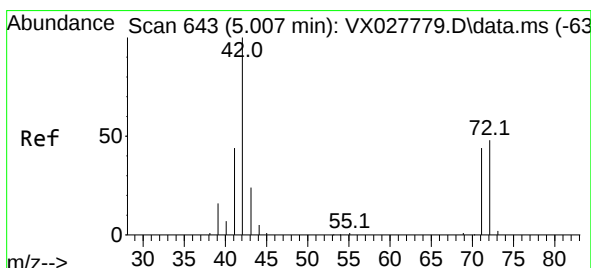
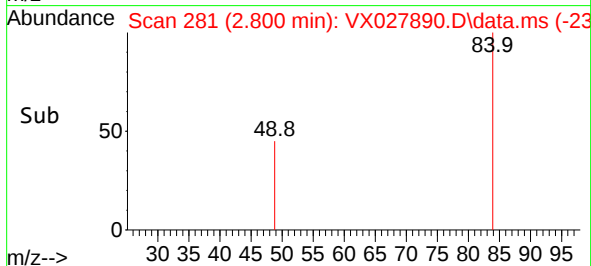
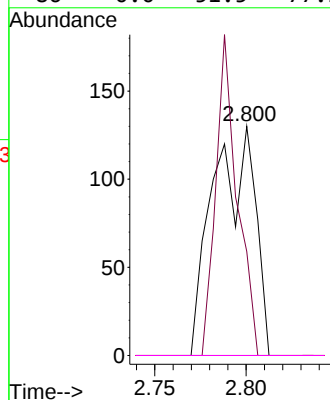
Ion Ratio Lower Upper

84 100

49 45.4 85.5 128.3#

51 0.0 26.6 39.8#

86 0.0 51.5 77.3#



#29

Tetrahydrofuran

Concen: 8.560 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.012 min

Lab File: VX027890.D

Acq: 01 Apr 2022 18:42

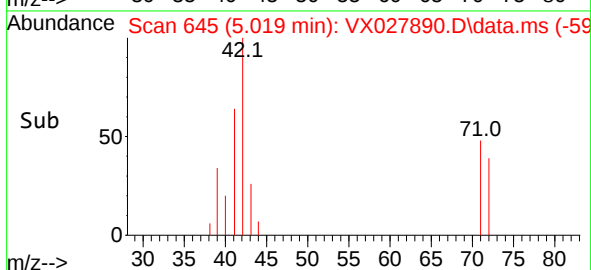
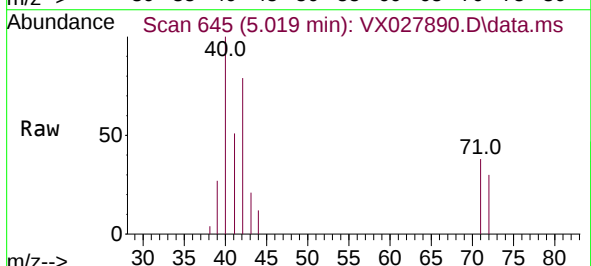
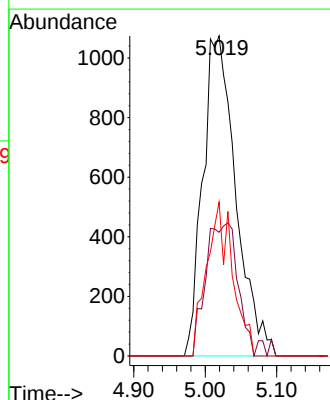
Tgt Ion: 42 Resp: 3450

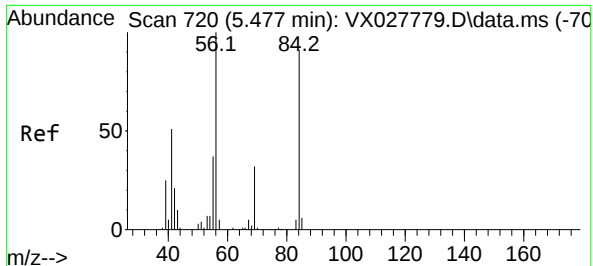
Ion Ratio Lower Upper

42 100

72 40.2 44.1 66.1#

71 37.9 40.5 60.7#





#31

Cyclohexane

Concen: 1.867 ug/l

RT: 5.556 min Scan# 711

Delta R.T. 0.079 min

Lab File: VX027890.D

Acq: 01 Apr 2022 18:42

Instrument :

MSVOA_X

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RW8-MW01S-20220320RE

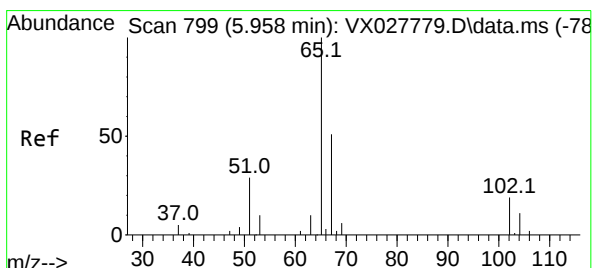
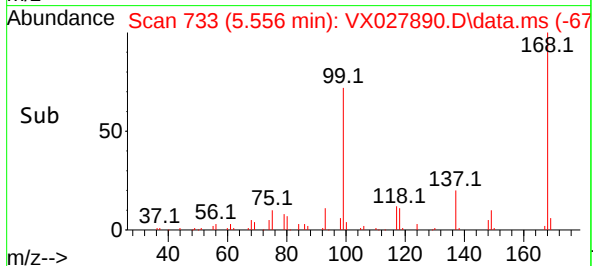
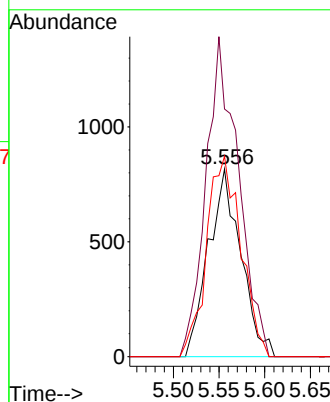
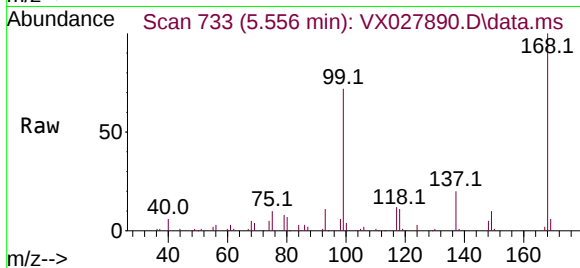
Tgt Ion: 56 Resp: 2011

Ion Ratio Lower Upper

56 100

69 131.9 26.7 40.1#

84 106.9 77.2 115.8



#33

1,2-Dichloroethane-d4

Concen: 63.785 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027890.D

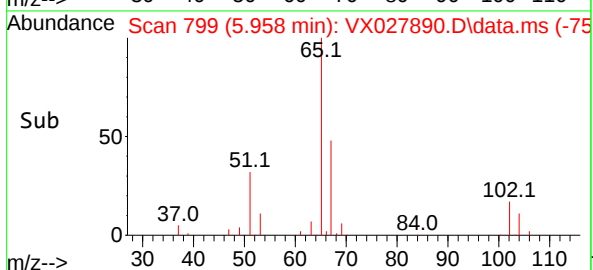
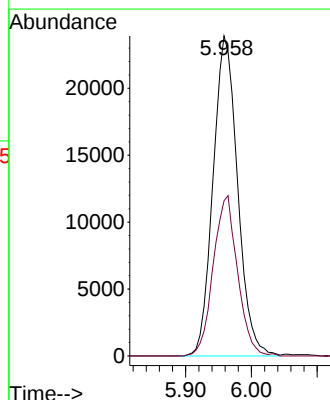
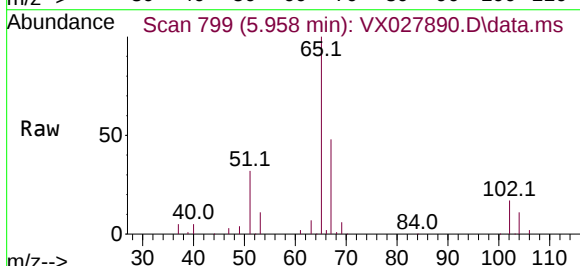
Acq: 01 Apr 2022 18:42

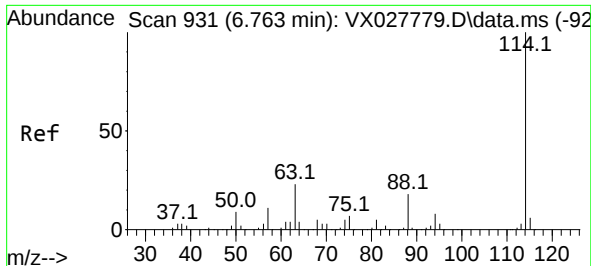
Tgt Ion: 65 Resp: 62147

Ion Ratio Lower Upper

65 100

67 49.6 0.0 107.4

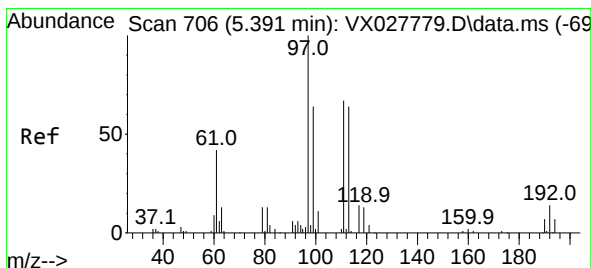
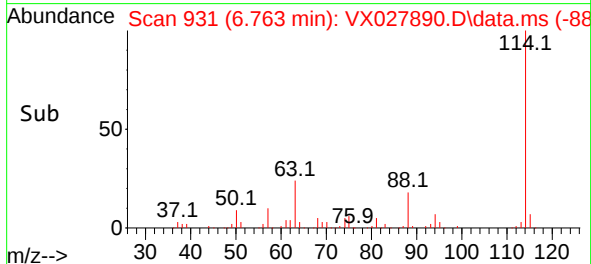
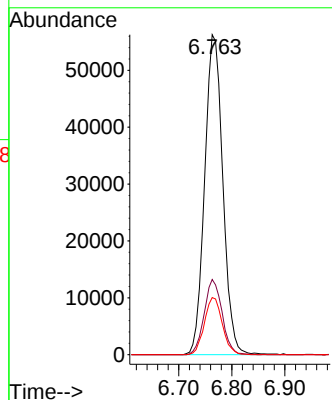
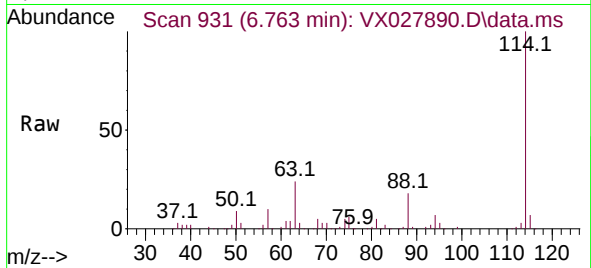




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027890.D
Acq: 01 Apr 2022 18:42

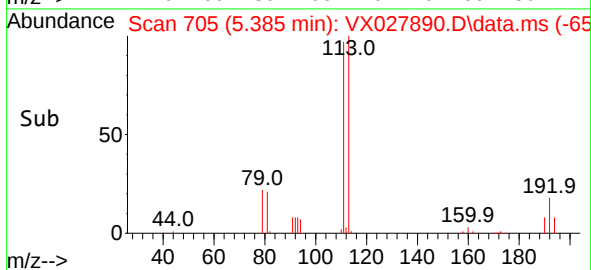
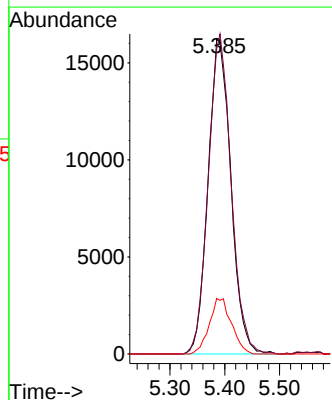
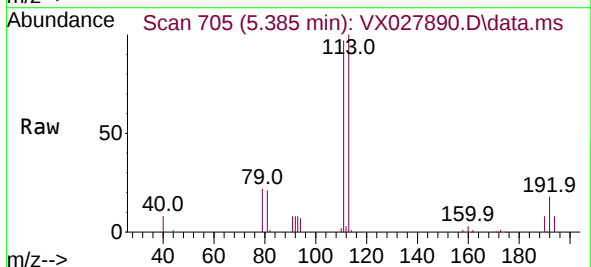
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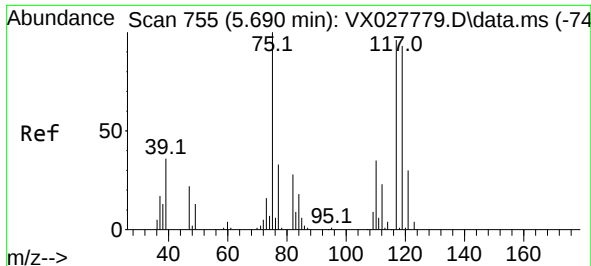
Tgt Ion:114 Resp: 134052
Ion Ratio Lower Upper
114 100
63 23.5 0.0 36.8
88 17.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 54.228 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027890.D
Acq: 01 Apr 2022 18:42

Tgt Ion:113 Resp: 46922
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 17.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.343 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX027890.D

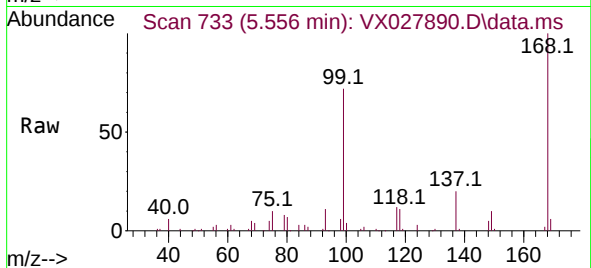
Acq: 01 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

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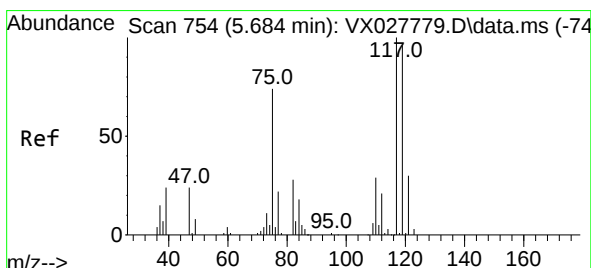
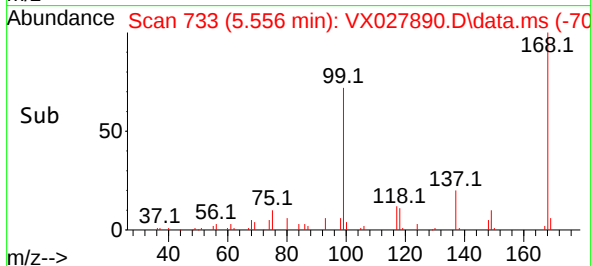
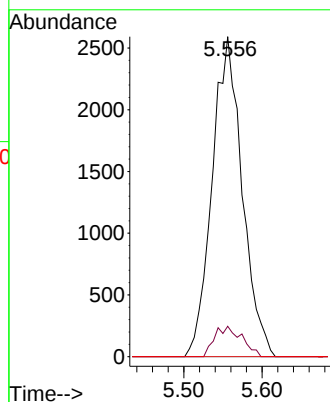
Tgt Ion: 75 Resp: 6913

Ion Ratio Lower Upper

75 100

110 8.6 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.959 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027890.D

Acq: 01 Apr 2022 18:42

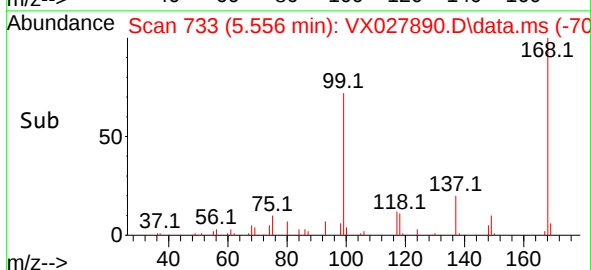
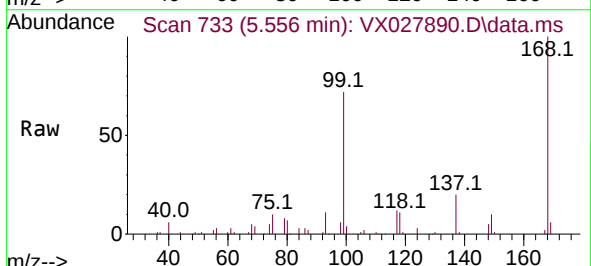
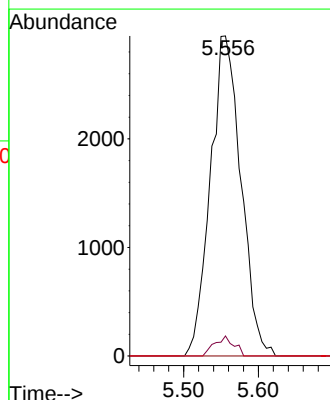
Tgt Ion: 117 Resp: 8379

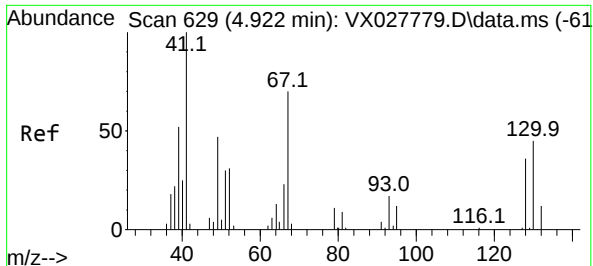
Ion Ratio Lower Upper

117 100

119 6.3 77.3 115.9#

121 0.0 24.2 36.2#

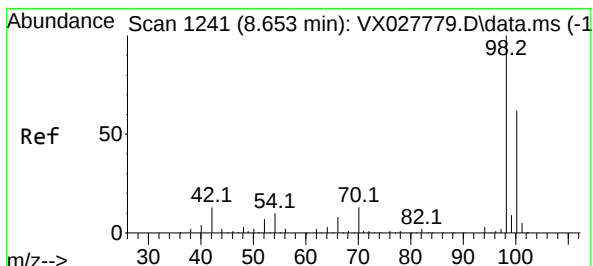
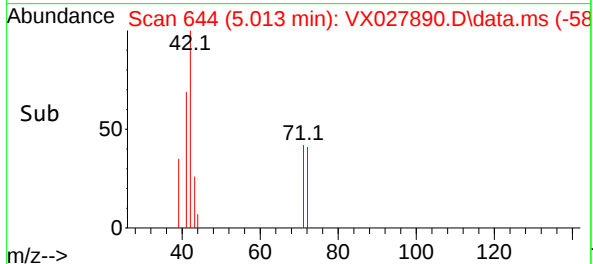
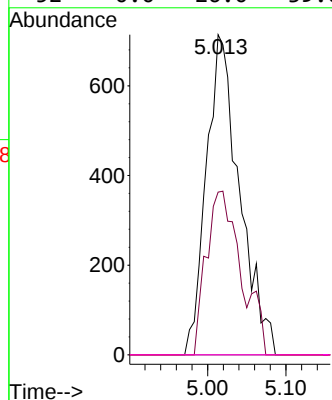
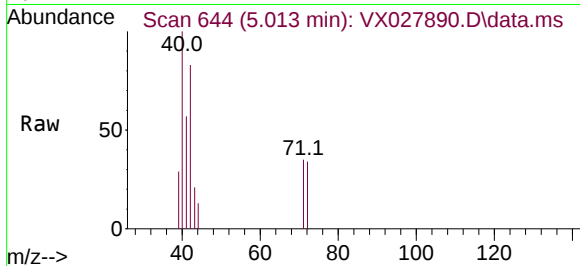




#41
Methacrylonitrile
Concen: 2.926 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.091 min
Lab File: VX027890.D
Acq: 01 Apr 2022 18:42

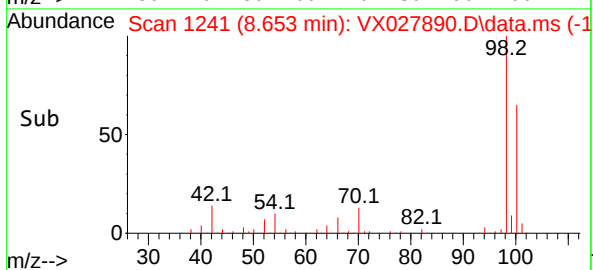
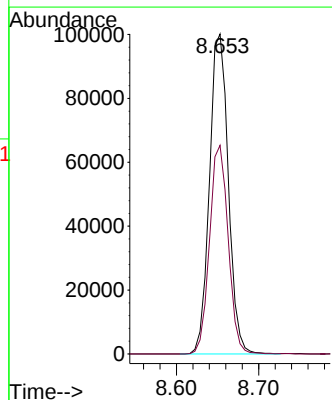
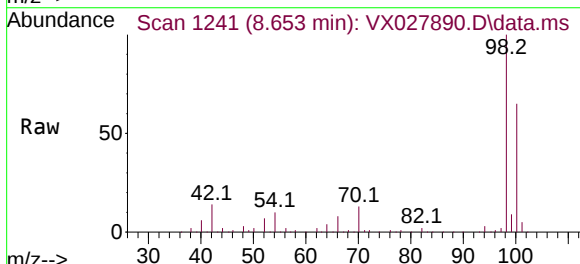
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220320RE

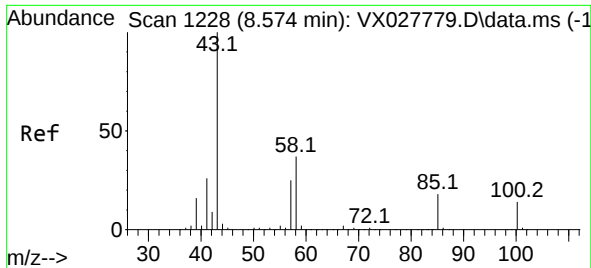
Tgt Ion:	41	Resp:	2103
Ion	Ratio	Lower	Upper
41	100		
39	47.0	43.0	64.4
67	0.0	70.2	105.4#
52	0.0	26.0	39.0#



#50
Toluene-d8
Concen: 52.267 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027890.D
Acq: 01 Apr 2022 18:42

Tgt Ion:	98	Resp:	159123
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.6	78.8

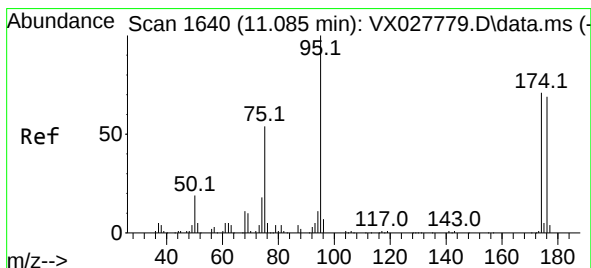
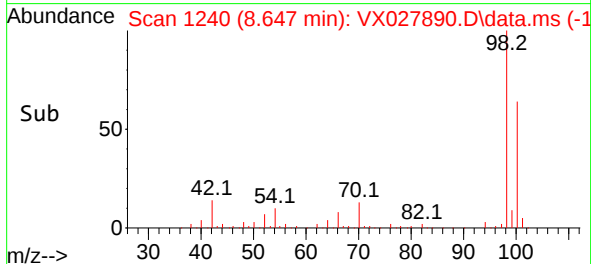
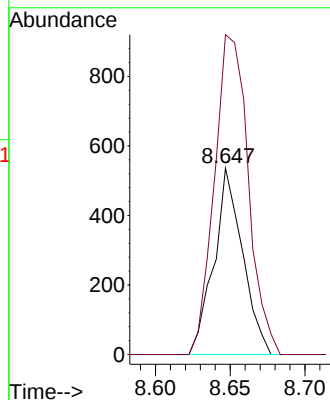
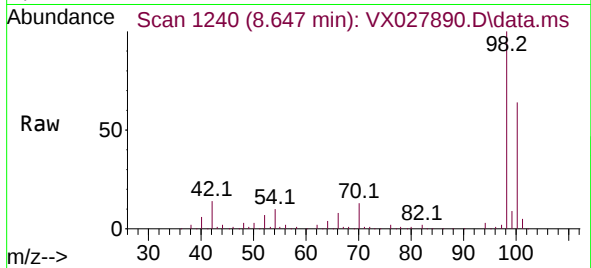




#51
4-Methyl-2-Pentanone
Concen: 0.476 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027890.D
Acq: 01 Apr 2022 18:42

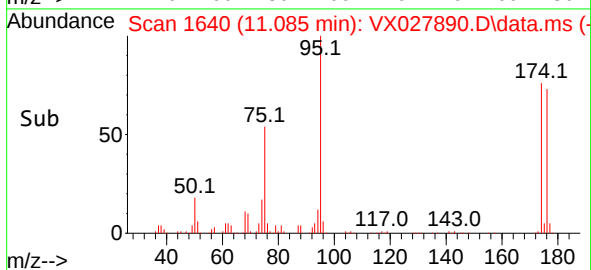
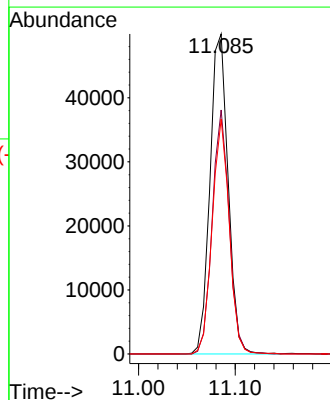
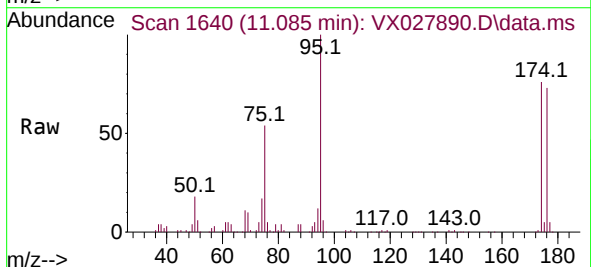
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220320RE

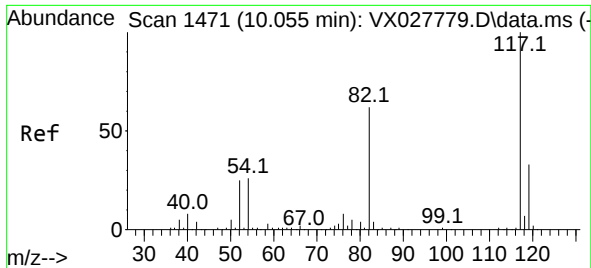
Tgt Ion: 43 Resp: 714
Ion Ratio Lower Upper
43 100
58 203.1 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 50.366 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027890.D
Acq: 01 Apr 2022 18:42

Tgt Ion: 95 Resp: 65162
Ion Ratio Lower Upper
95 100
174 71.2 0.0 163.0
176 68.9 0.0 155.0

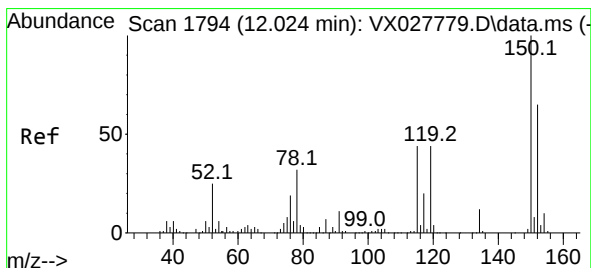
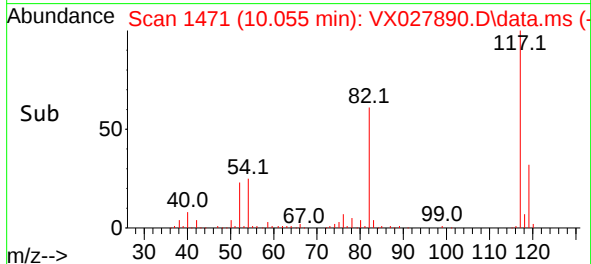
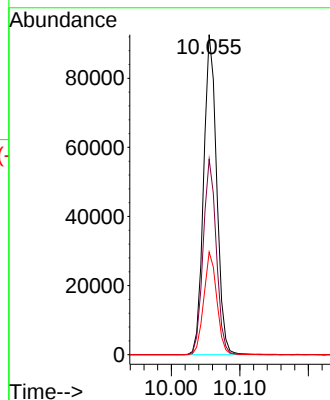
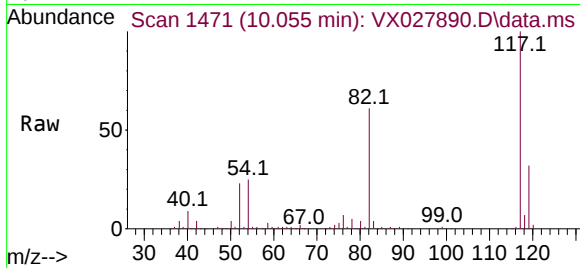




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027890.D
Acq: 01 Apr 2022 18:42

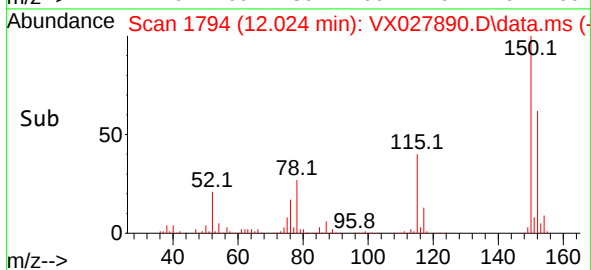
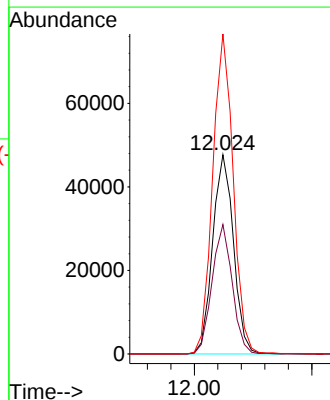
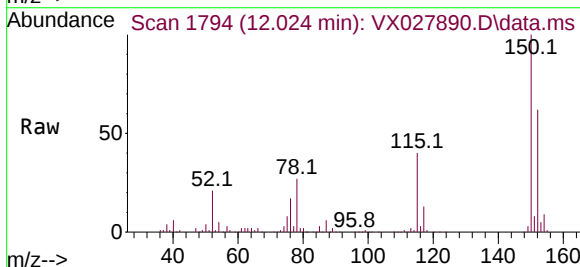
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220320RE

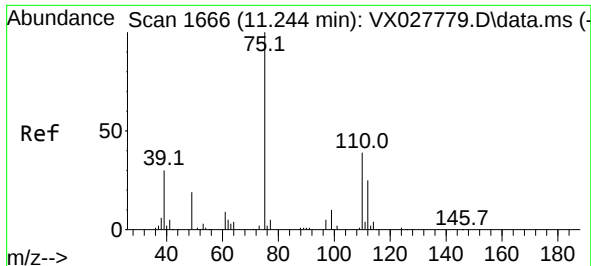
Tgt Ion:117 Resp: 123067
Ion Ratio Lower Upper
117 100
82 61.1 41.8 62.8
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027890.D
Acq: 01 Apr 2022 18:42

Tgt Ion:152 Resp: 58536
Ion Ratio Lower Upper
152 100
115 63.1 37.5 112.7
150 158.1 0.0 338.2

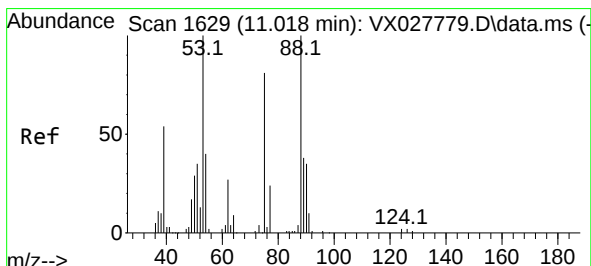
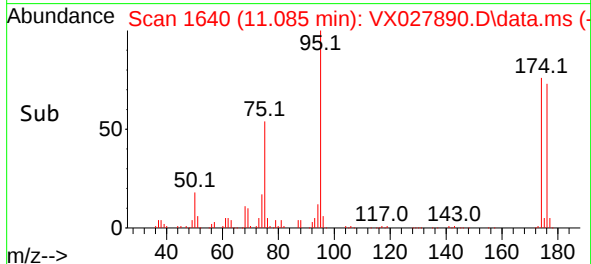
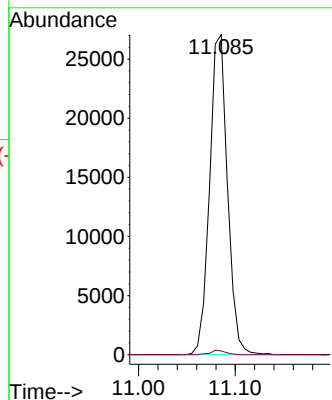
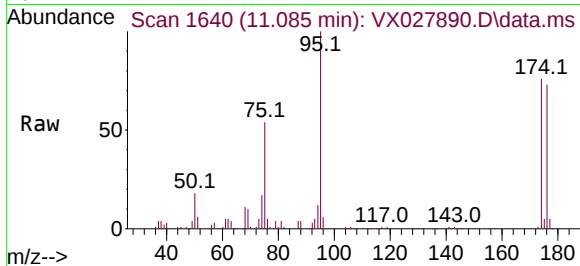




#76
1,2,3-Trichloropropane
Concen: 25.336 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027890.D
Acq: 01 Apr 2022 18:42

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220320RE

Tgt Ion: 75 Resp: 34791
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.343 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027890.D
Acq: 01 Apr 2022 18:42

Tgt Ion: 75 Resp: 34791
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

