

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
 Data File : VX027930.D
 Acq On : 02 Apr 2022 13:59
 Operator : JC/MD
 Sample : N2172-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7R

Quant Time: Apr 04 04:14:49 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)

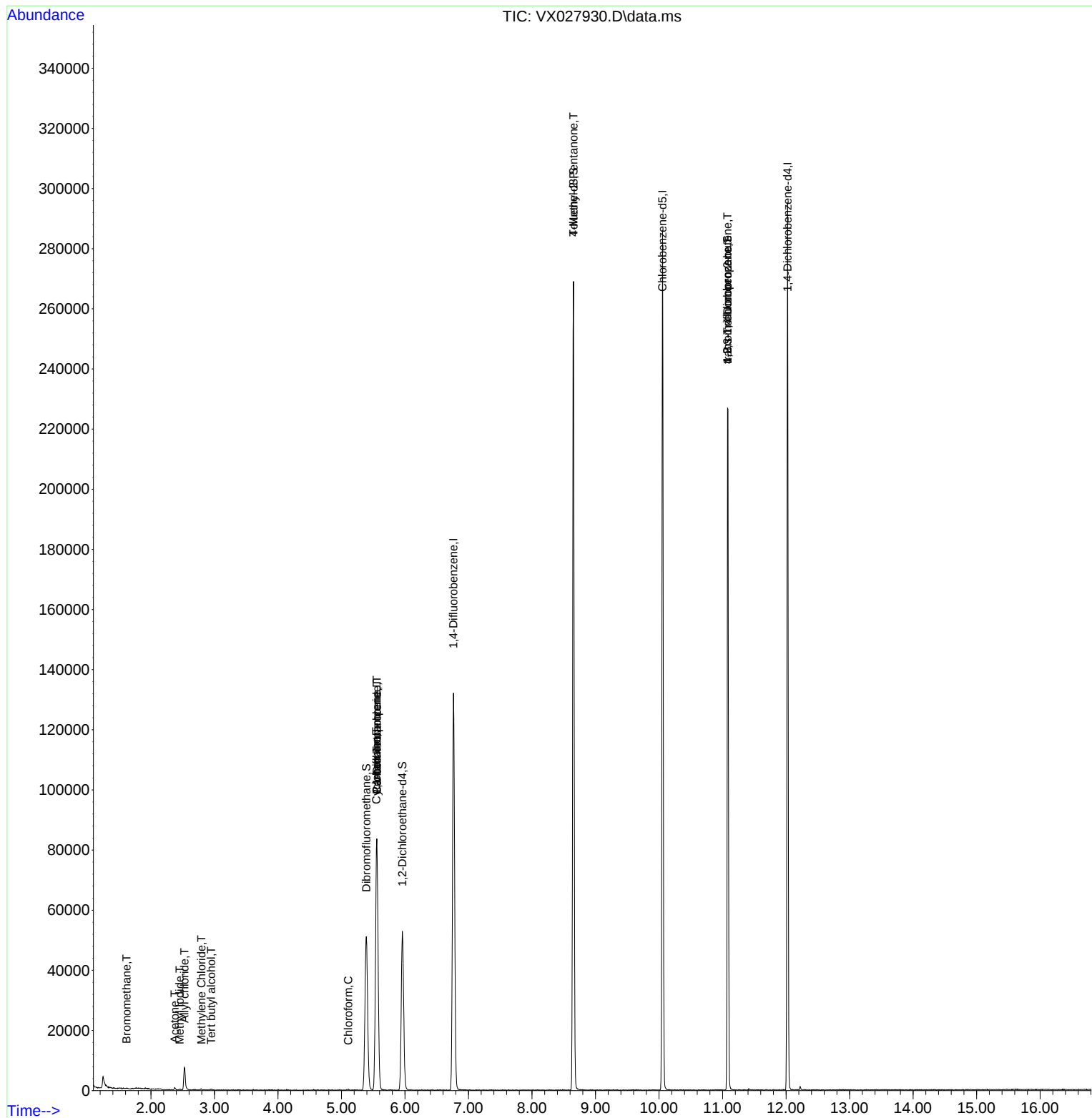
Internal Standards						
1) Pentafluorobenzene	5.556	168	78295	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	135088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51725	51.202	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.400%	
35) Dibromofluoromethane	5.391	113	45306	51.959	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.920%	
50) Toluene-d8	8.653	98	160334	52.261	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.520%	
62) 4-Bromofluorobenzene	11.079	95	63537	48.734	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.460%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	79	0.272	ug/l	82
10) Methyl Iodide	2.453	142	211	0.248	ug/l	# 88
11) Tert butyl alcohol	2.947	59	178	0.917	ug/l	# 72
14) Allyl chloride	2.526	41	787	0.637	ug/l	# 64
16) Acetone	2.374	43	687	1.537	ug/l	95
20) Methylene Chloride	2.794	84	187	0.233	ug/l	# 81
30) Chloroform	5.105	83	312	0.202	ug/l	# 77
31) Cyclohexane	5.550	56	1602	1.435	ug/l	# 7
36) 1,1-Dichloropropene	5.556	75	5951	5.419	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	8313	6.851	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	653	0.432	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	33528	25.508	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	33528	74.824	ug/l	# 15

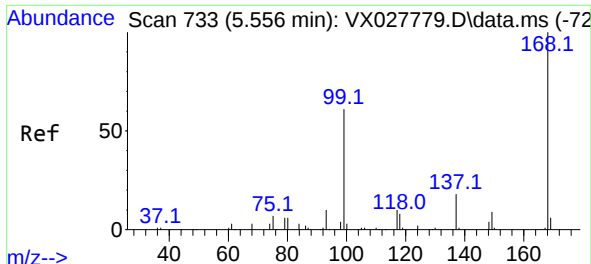
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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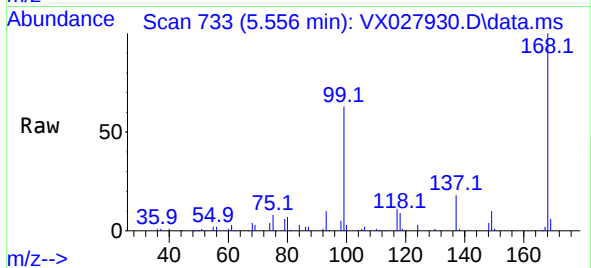
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
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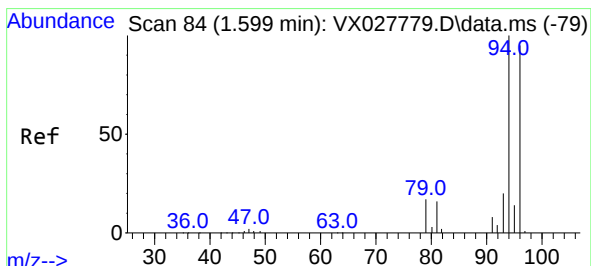
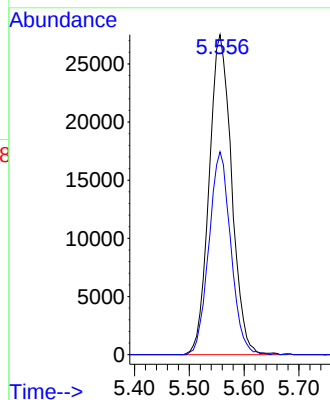


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027930.D
Acq: 02 Apr 2022 13:59

Instrument :
MSVOA_X
ClientSampleId :
MW-7R

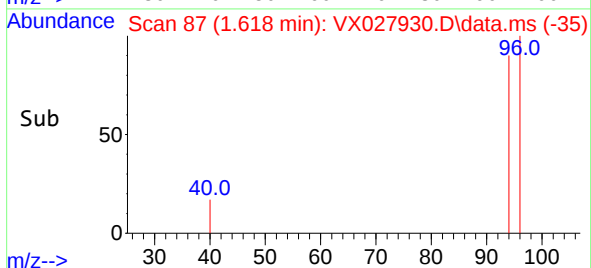
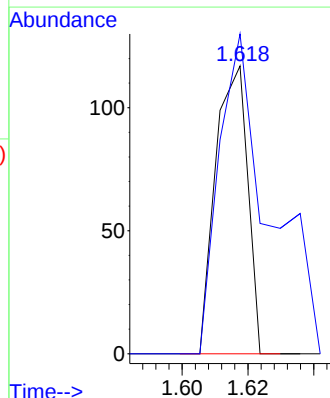
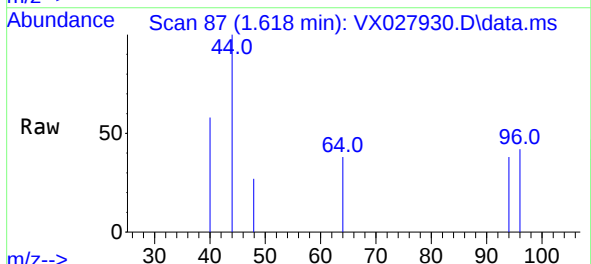


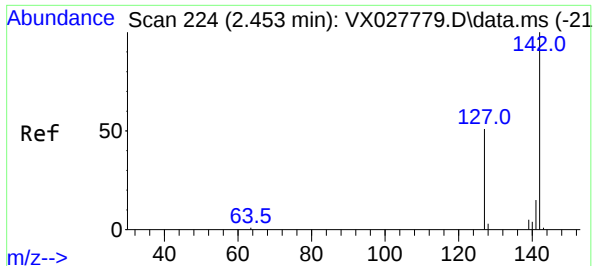
Tgt Ion:168 Resp: 78295
Ion Ratio Lower Upper
168 100
99 63.4 41.7 62.5#



#5
Bromomethane
Concen: 0.272 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027930.D
Acq: 02 Apr 2022 13:59

Tgt Ion: 94 Resp: 79
Ion Ratio Lower Upper
94 100
96 111.1 75.3 112.9

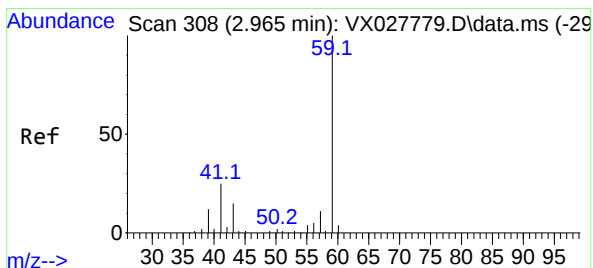
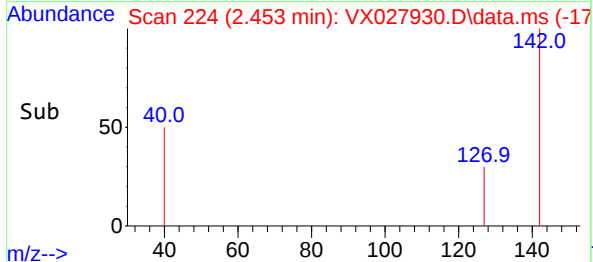
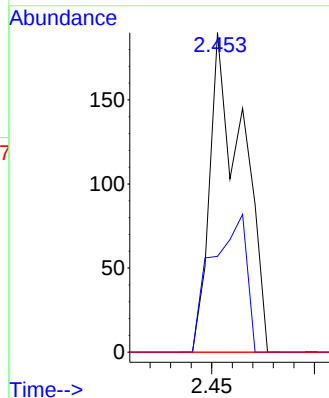
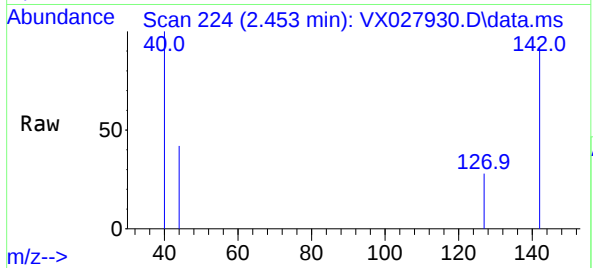




#10
Methyl Iodide
Concen: 0.248 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX027930.D
Acq: 02 Apr 2022 13:59

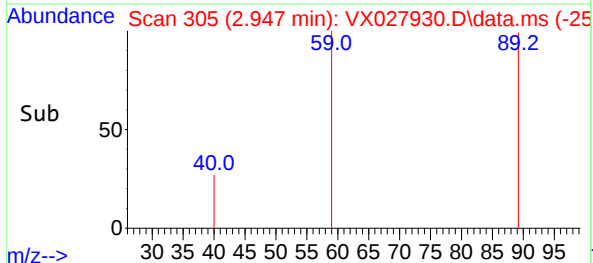
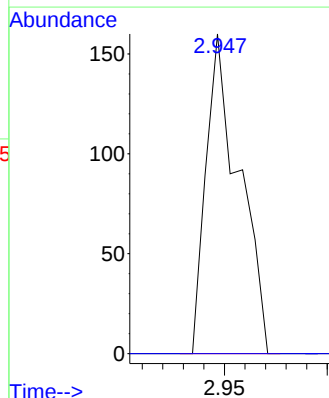
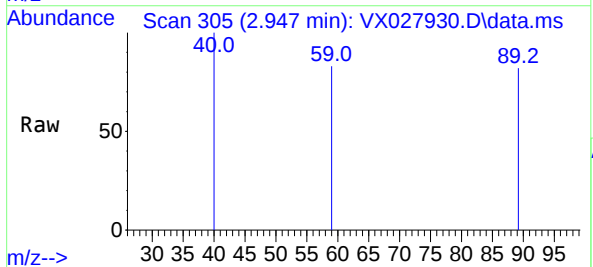
Instrument :
MSVOA_X
ClientSampleId :
MW-7R

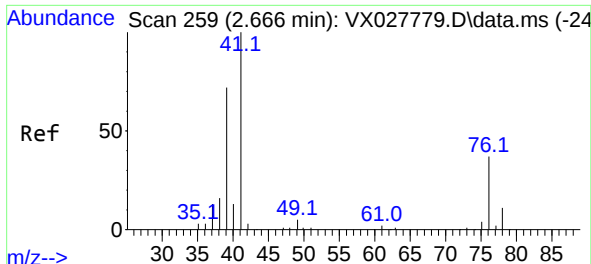
Tgt Ion:	142	Resp:	211
Ion	Ratio	Lower	Upper
142	100		
127	45.5	33.9	50.9
141	0.0	11.4	17.2#



#11
Tert butyl alcohol
Concen: 0.917 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX027930.D
Acq: 02 Apr 2022 13:59

Tgt Ion:	59	Resp:	178
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



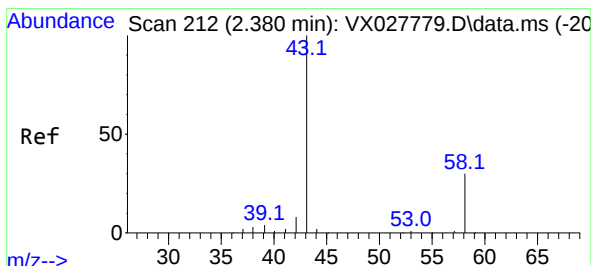
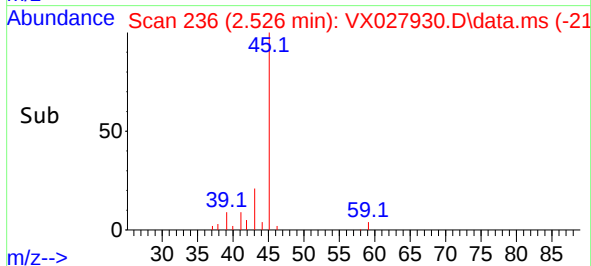
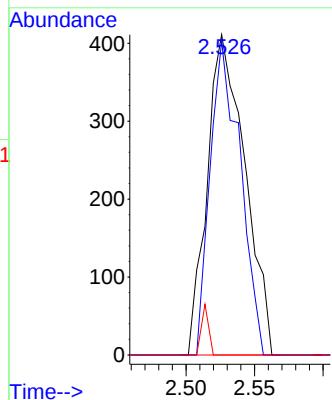
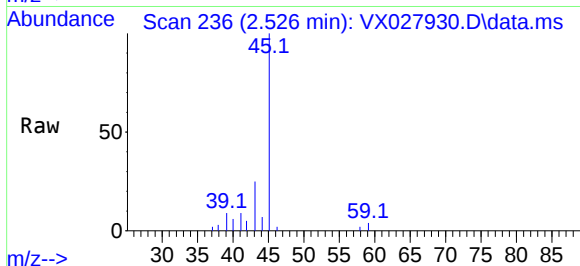


#14
 Allyl chloride
 Concen: 0.637 ug/l
 RT: 2.526 min Scan# 211
 Delta R.T. -0.140 min
 Lab File: VX027930.D
 Acq: 02 Apr 2022 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7R

Tgt Ion: 41 Resp: 787

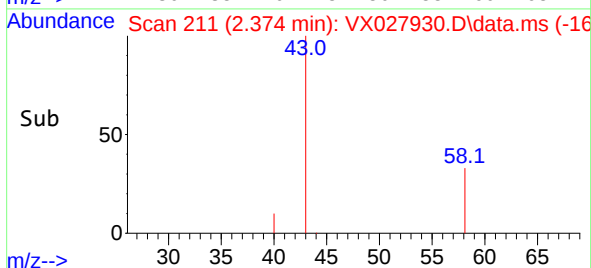
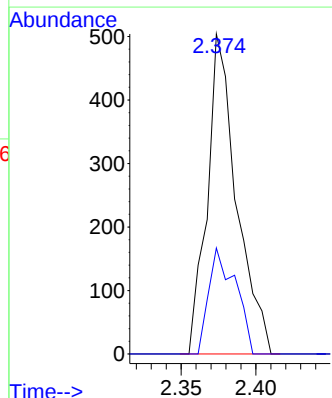
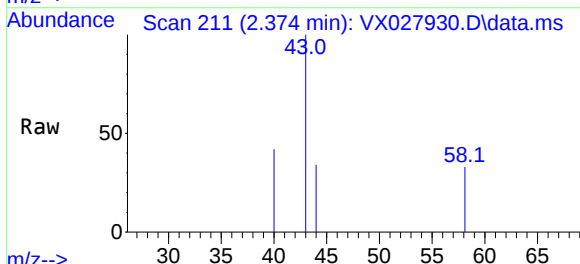
Ion	Ratio	Lower	Upper
41	100		
39	77.9	50.4	75.6#
76	3.0	32.7	49.1#

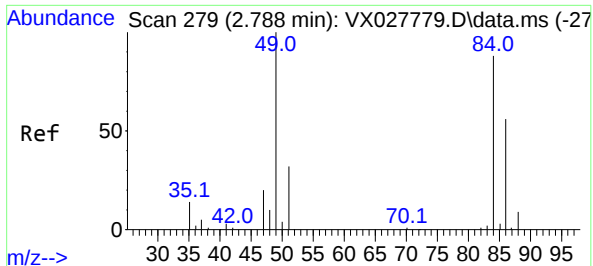


#16
 Acetone
 Concen: 1.537 ug/l
 RT: 2.374 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VX027930.D
 Acq: 02 Apr 2022 13:59

Tgt Ion: 43 Resp: 687

Ion	Ratio	Lower	Upper
43	100		
58	33.1	28.8	43.2



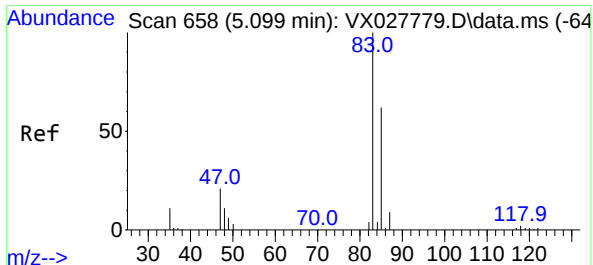
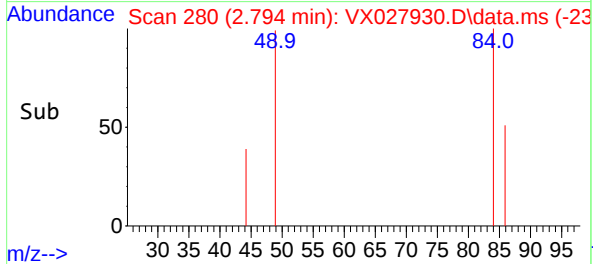
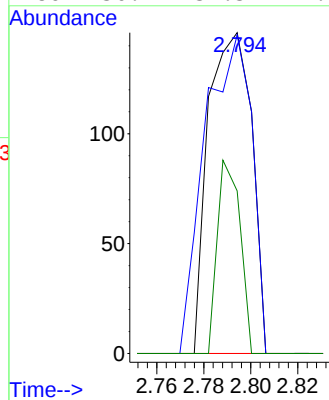
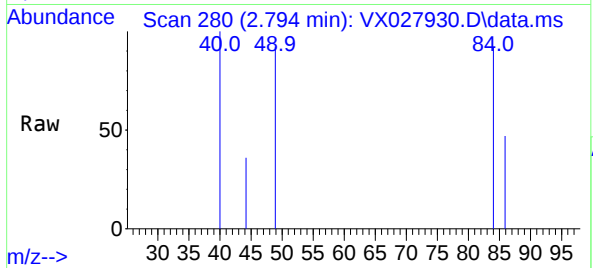


#20
Methylene Chloride
Concen: 0.233 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027930.D
Acq: 02 Apr 2022 13:59

Instrument :
MSVOA_X
ClientSampleId :
MW-7R

Tgt Ion: 84 Resp: 187

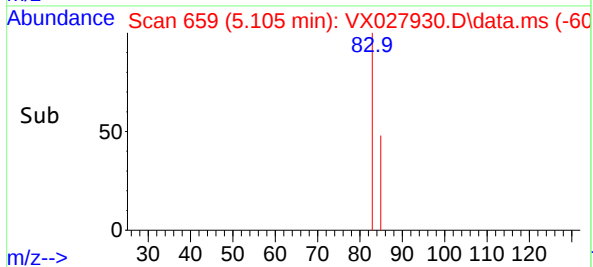
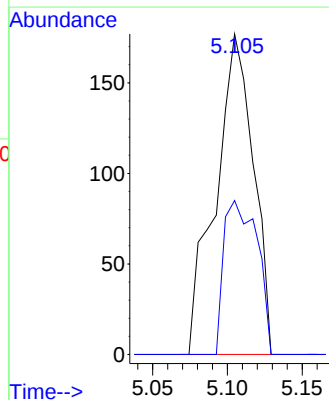
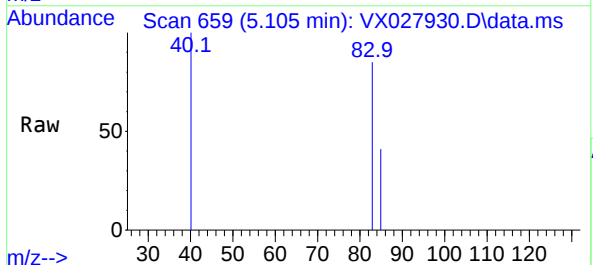
Ion	Ratio	Lower	Upper
84	100		
49	99.3	85.5	128.3
51	0.0	26.6	39.8#
86	50.7	51.5	77.3#

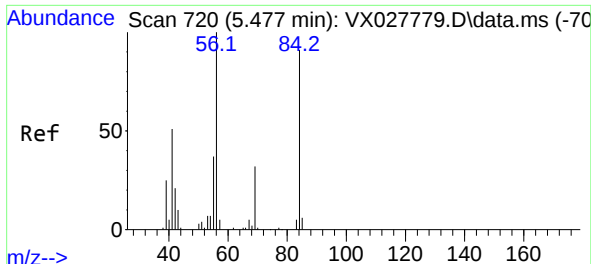


#30
Chloroform
Concen: 0.202 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX027930.D
Acq: 02 Apr 2022 13:59

Tgt Ion: 83 Resp: 312

Ion	Ratio	Lower	Upper
83	100		
85	48.0	52.7	79.1#

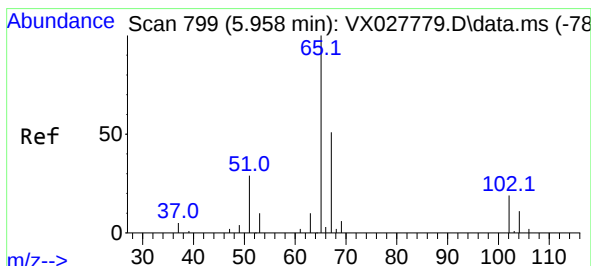
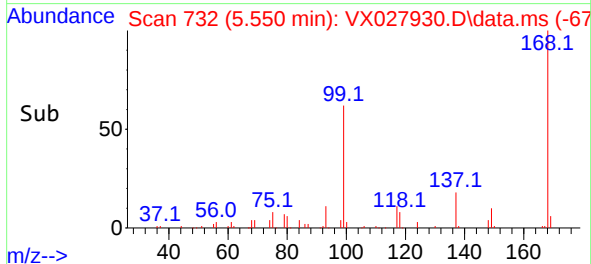
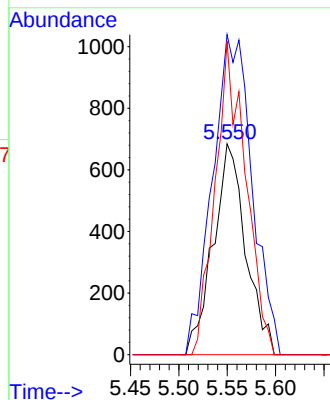
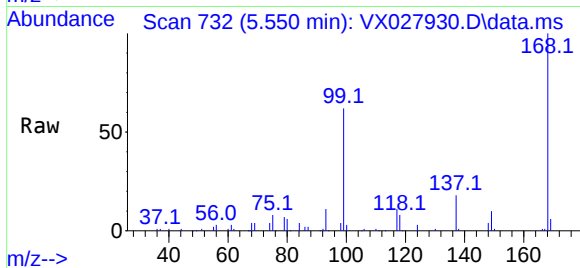




#31
Cyclohexane
Concen: 1.435 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX027930.D
Acq: 02 Apr 2022 13:59

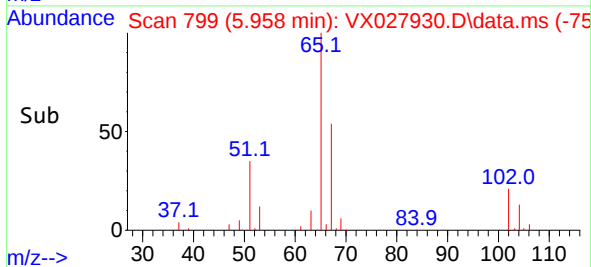
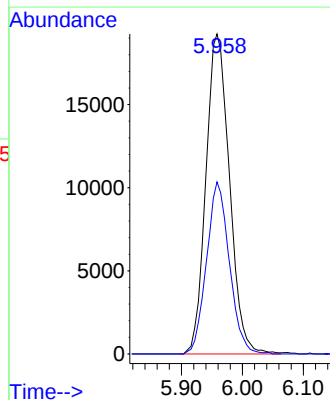
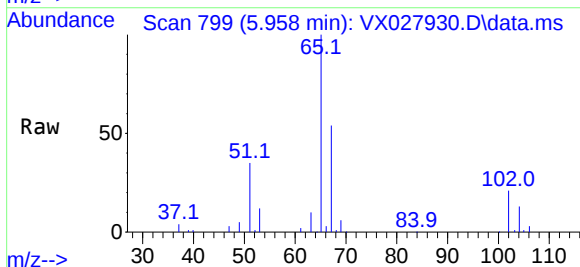
Instrument :
MSVOA_X
ClientSampleId :
MW-7R

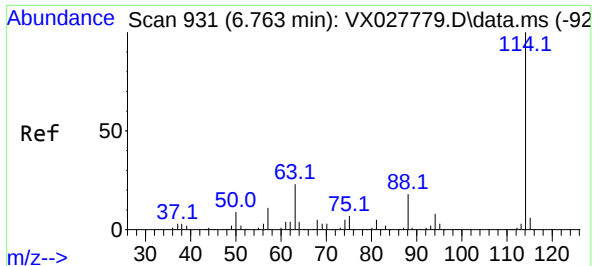
Tgt Ion: 56 Resp: 1602
Ion Ratio Lower Upper
56 100
69 151.7 26.7 40.1#
84 148.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 51.202 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027930.D
Acq: 02 Apr 2022 13:59

Tgt Ion: 65 Resp: 51725
Ion Ratio Lower Upper
65 100
67 52.1 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: VX027930.D

Acq: 02 Apr 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

MW-7R

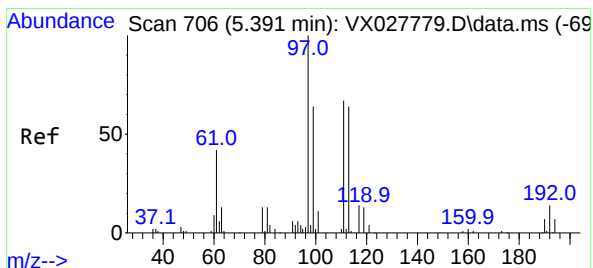
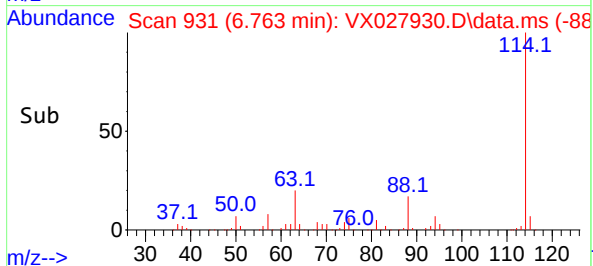
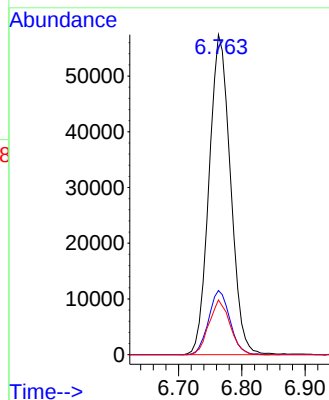
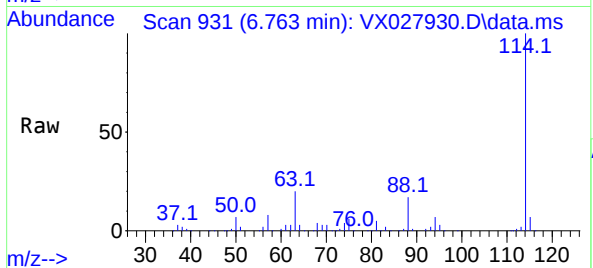
Tgt Ion:114 Resp: 135088

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.8

88 17.1 0.0 32.4



#35

Dibromofluoromethane

Concen: 51.959 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027930.D

Acq: 02 Apr 2022 13:59

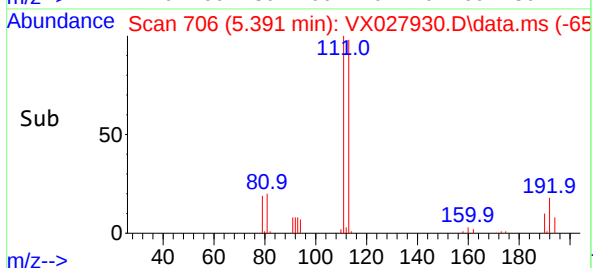
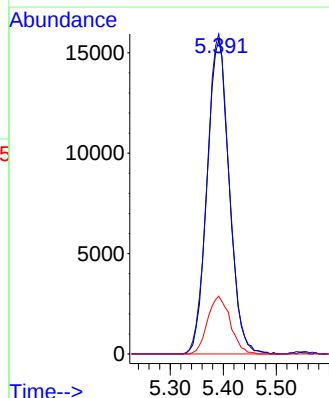
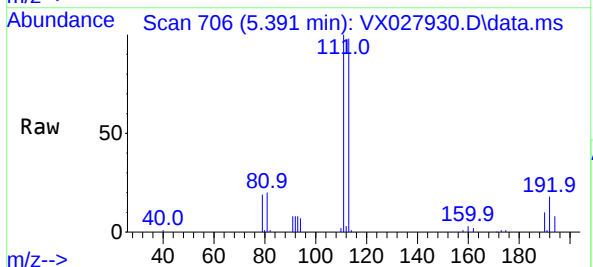
Tgt Ion:113 Resp: 45306

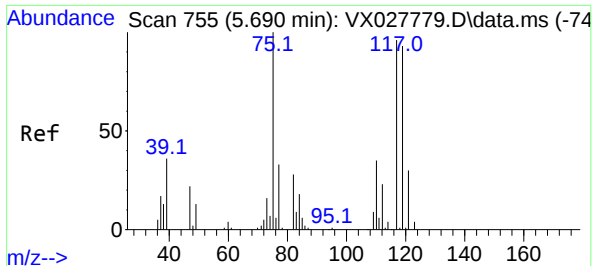
Ion Ratio Lower Upper

113 100

111 101.6 82.8 124.2

192 18.8 16.9 25.3

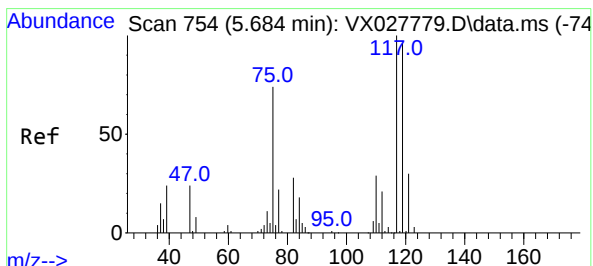
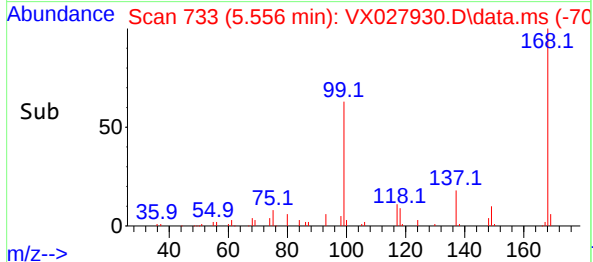
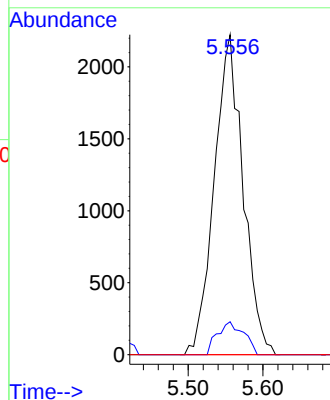
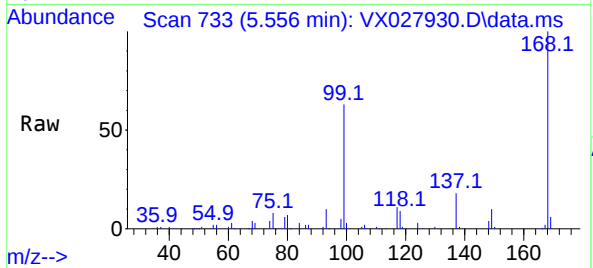




#36
1,1-Dichloropropene
Concen: 5.419 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX027930.D
Acq: 02 Apr 2022 13:59

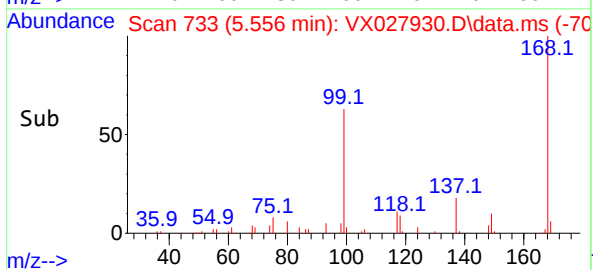
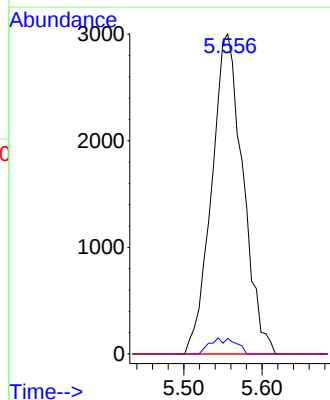
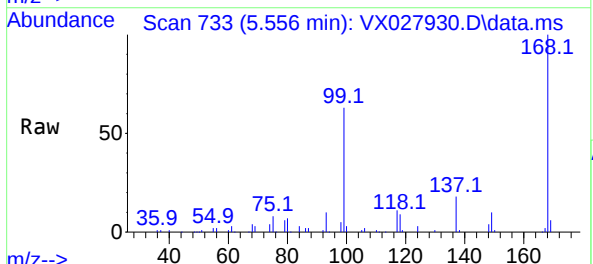
Instrument :
MSVOA_X
ClientSampleId :
MW-7R

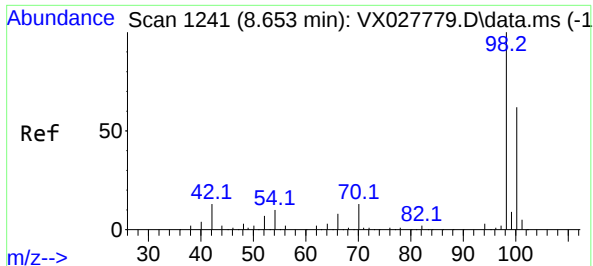
Tgt Ion: 75 Resp: 5951
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.851 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027930.D
Acq: 02 Apr 2022 13:59

Tgt Ion: 117 Resp: 8313
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 52.261 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027930.D

Acq: 02 Apr 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

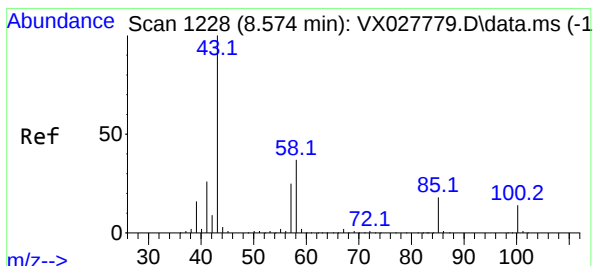
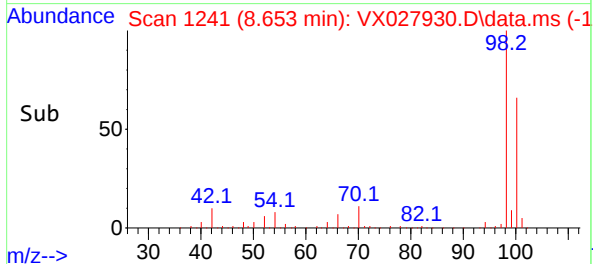
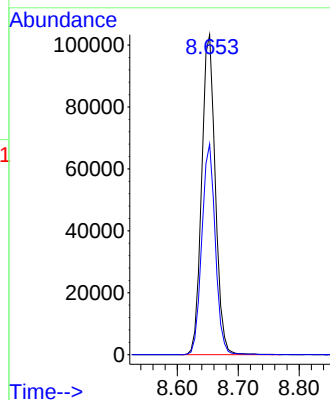
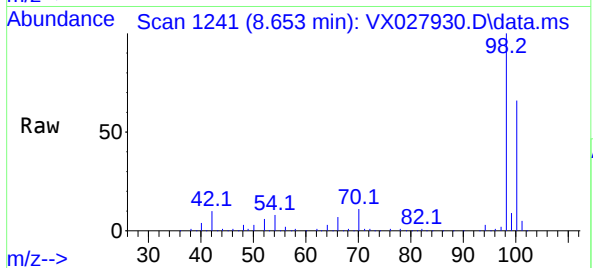
MW-7R

Tgt Ion: 98 Resp: 160334

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.432 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX027930.D

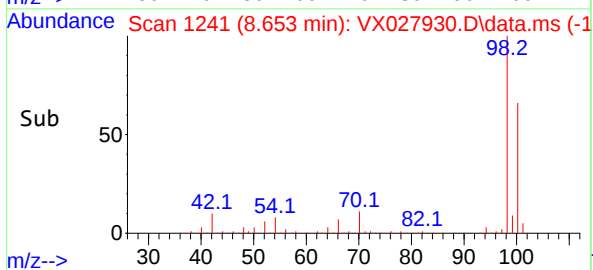
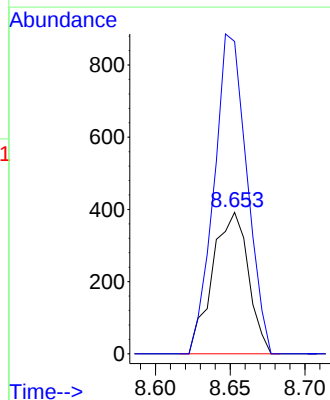
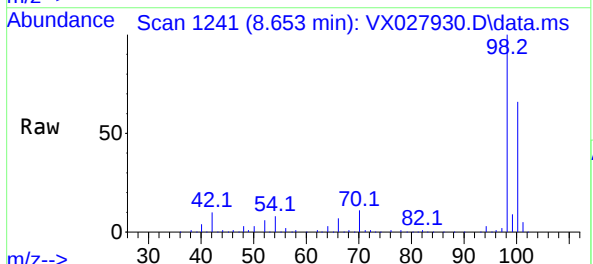
Acq: 02 Apr 2022 13:59

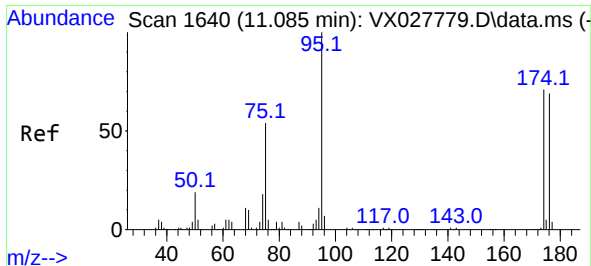
Tgt Ion: 43 Resp: 653

Ion Ratio Lower Upper

43 100

58 207.5 36.1 54.1#

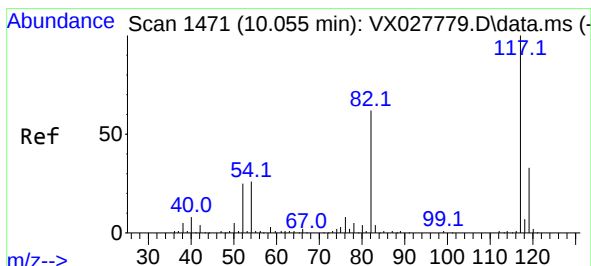
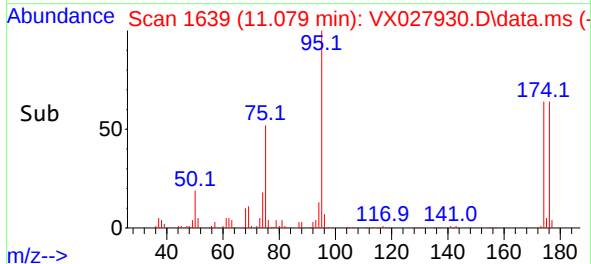
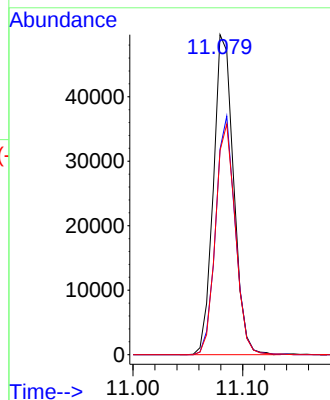
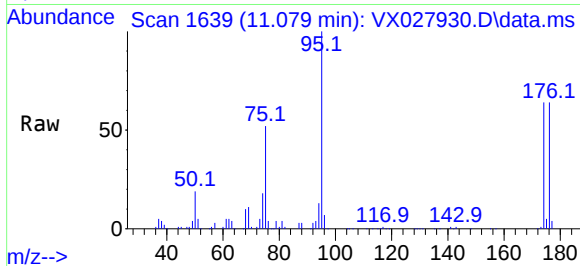




#62
4-Bromofluorobenzene
Concen: 48.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027930.D
Acq: 02 Apr 2022 13:59

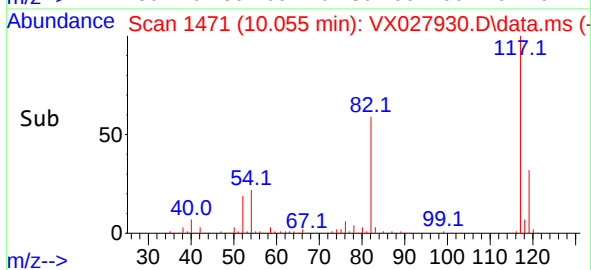
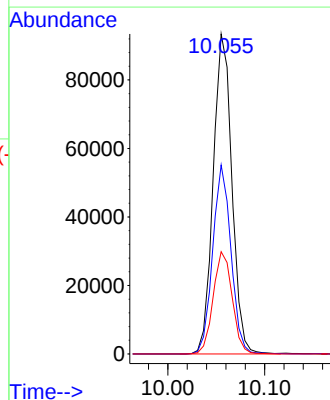
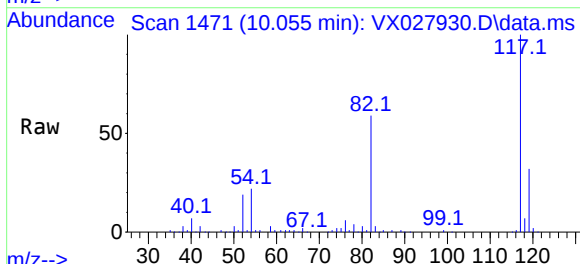
Instrument :
MSVOA_X
ClientSampleId :
MW-7R

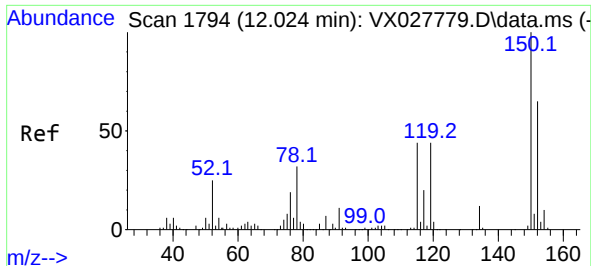
Tgt Ion: 95 Resp: 63537
Ion Ratio Lower Upper
95 100
174 71.9 0.0 163.0
176 70.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027930.D
Acq: 02 Apr 2022 13:59

Tgt Ion: 117 Resp: 125518
Ion Ratio Lower Upper
117 100
82 59.1 41.8 62.8
119 32.0 24.8 37.2

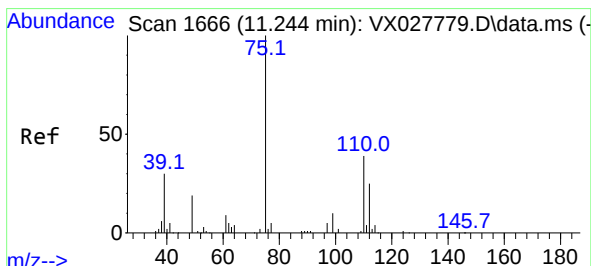
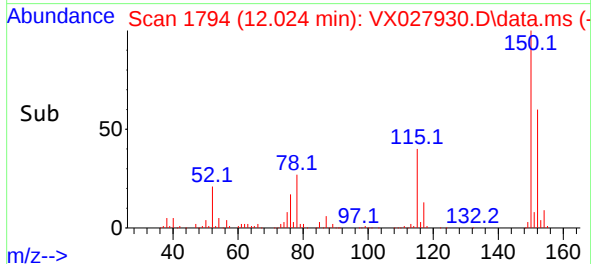
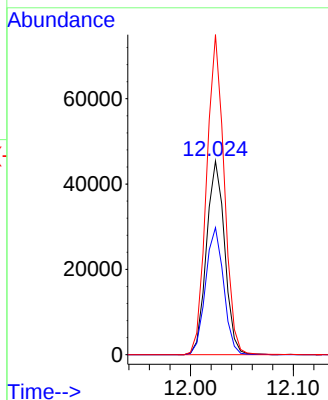
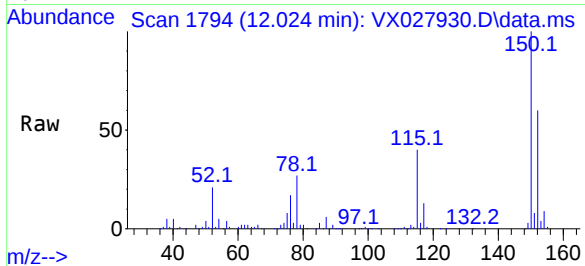




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027930.D
Acq: 02 Apr 2022 13:59

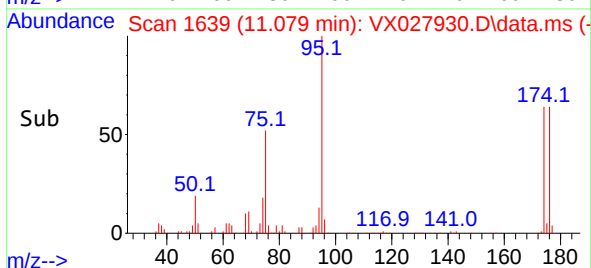
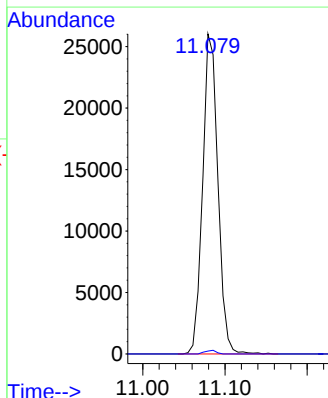
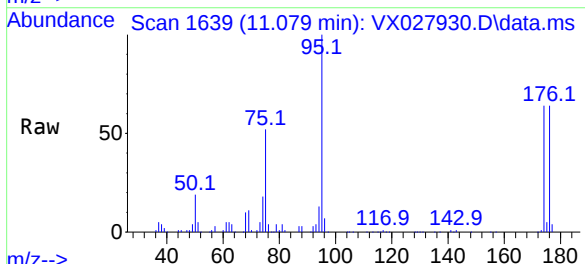
Instrument :
MSVOA_X
ClientSampleId :
MW-7R

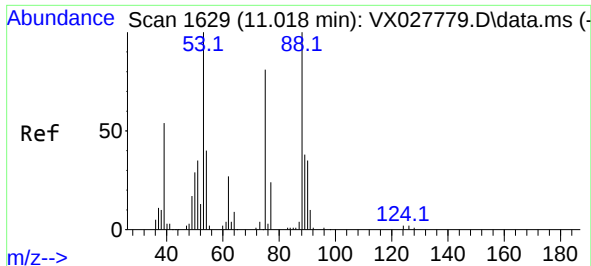
Tgt Ion:152 Resp: 56031
Ion Ratio Lower Upper
152 100
115 65.2 37.5 112.7
150 160.0 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 25.508 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027930.D
Acq: 02 Apr 2022 13:59

Tgt Ion: 75 Resp: 33528
Ion Ratio Lower Upper
75 100
77 0.8 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.824 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027930.D
 Acq: 02 Apr 2022 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7R

Tgt Ion: 75 Resp: 33528
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

