

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027053.D
 Acq On : 16 Feb 2022 16:39
 Operator : JC/MD
 Sample : N1575-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7R

Quant Time: Feb 17 07:14:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

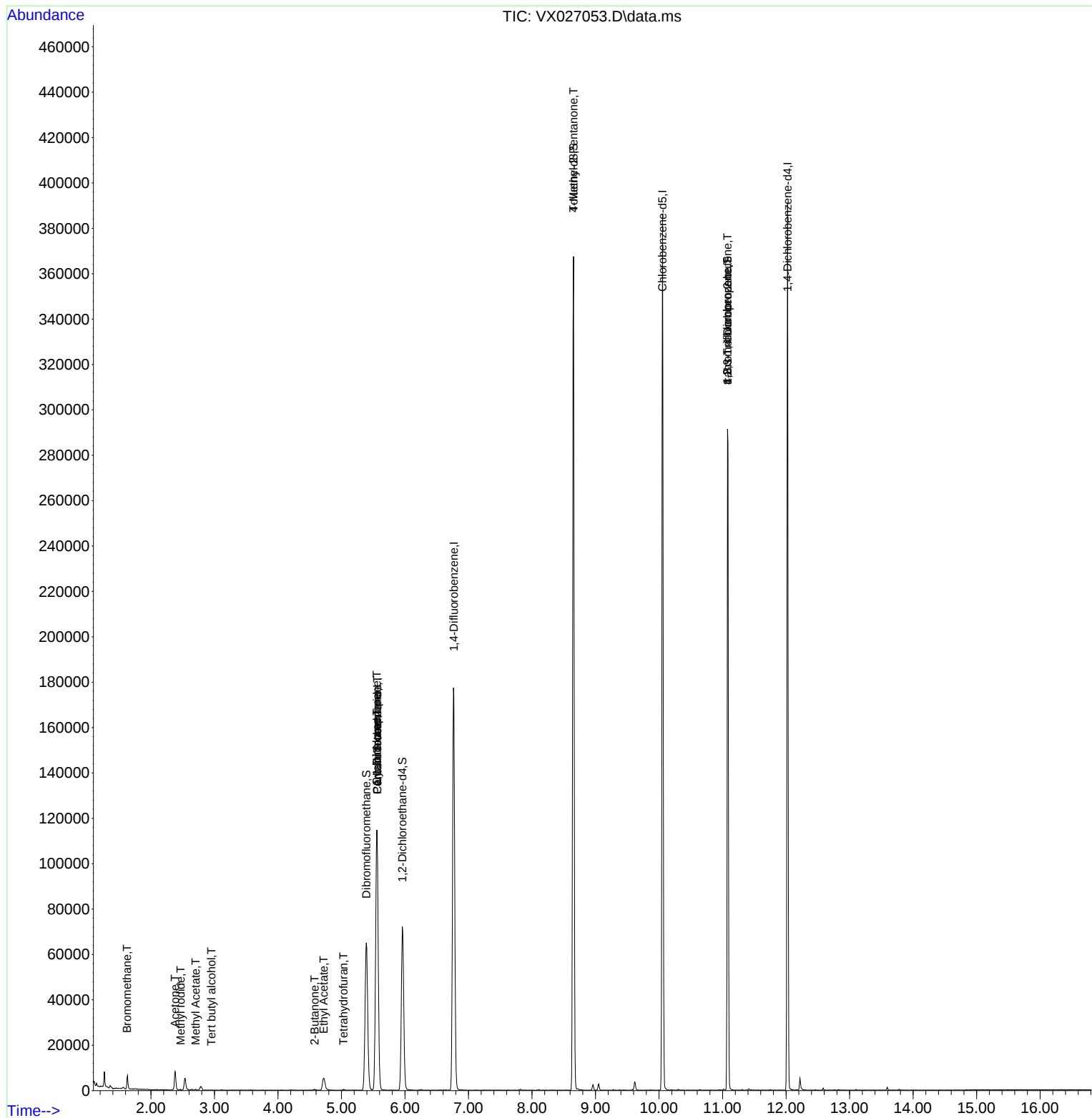
Internal Standards						
1) Pentafluorobenzene	5.562	168	110760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	183956	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69613	52.358	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.720%	
35) Dibromofluoromethane	5.391	113	57679	52.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.260%	
50) Toluene-d8	8.653	98	214840	53.403	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.800%	
62) 4-Bromofluorobenzene	11.079	95	82183	58.024	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.040%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	136	0.273	ug/l	87
10) Methyl Iodide	2.465	142	230	2.394	ug/l #	60
11) Tert butyl alcohol	2.953	59	142	0.591	ug/l #	75
16) Acetone	2.380	43	8930	15.292	ug/l	94
18) Methyl Acetate	2.703	43	501	0.298	ug/l #	53
25) 2-Butanone	4.574	43	817	0.868	ug/l #	85
29) Tetrahydrofuran	5.032	42	318	0.497	ug/l #	39
31) Cyclohexane	5.556	56	2192	1.038	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8339	4.823	ug/l #	51
37) Ethyl Acetate	4.721	43	10090	5.135	ug/l	99
38) Carbon Tetrachloride	5.562	117	11222	6.189	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	893	0.487	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40715	24.433	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	40715	74.603	ug/l #	3

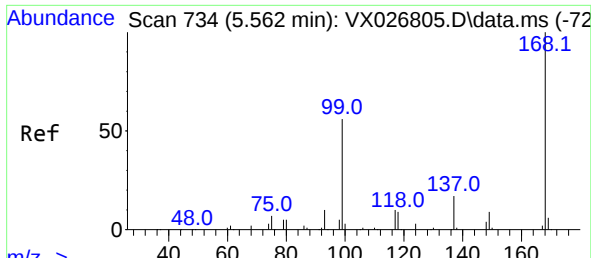
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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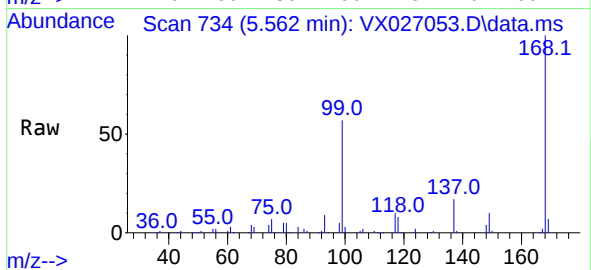
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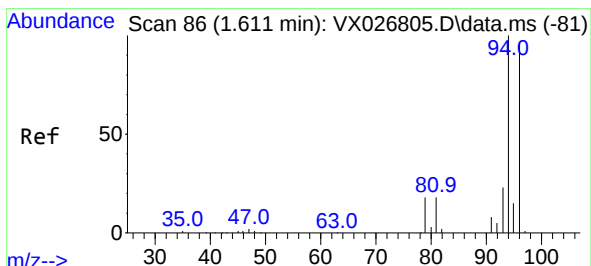
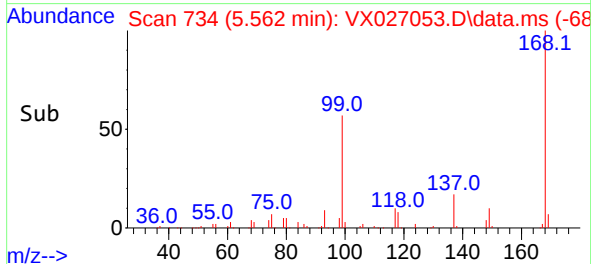
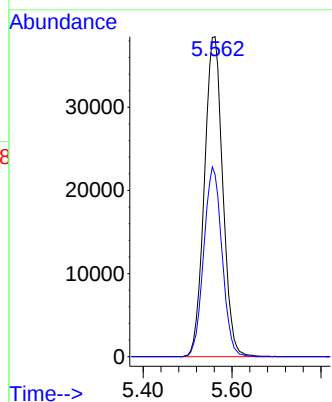


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027053.D
Acq: 16 Feb 2022 16:39

Instrument :
MSVOA_X
ClientSampleId :
MW-7R

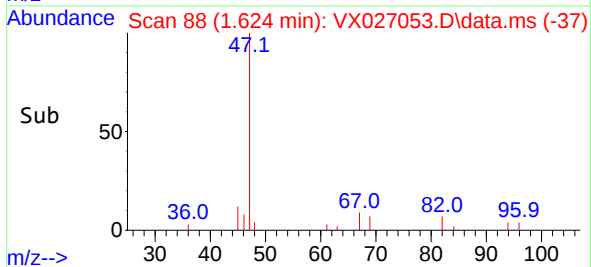
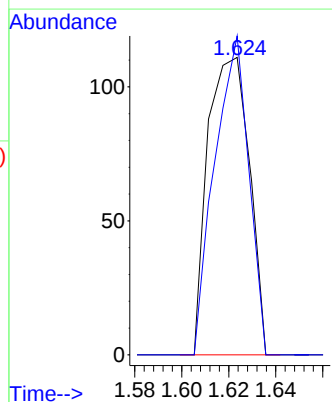
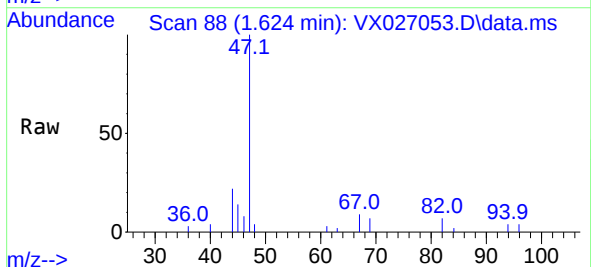


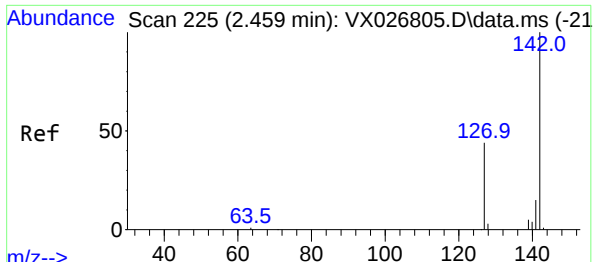
Tgt Ion:168 Resp: 110760
Ion Ratio Lower Upper
168 100
99 56.9 50.3 75.5



#5
Bromomethane
Concen: 0.273 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX027053.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 94 Resp: 136
Ion Ratio Lower Upper
94 100
96 107.2 75.9 113.9

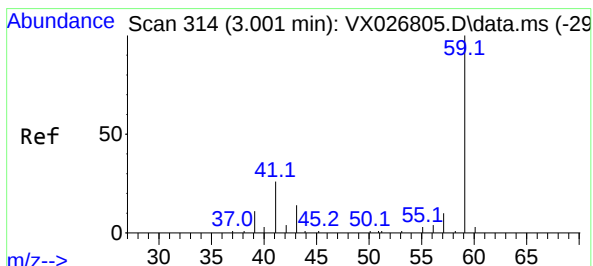
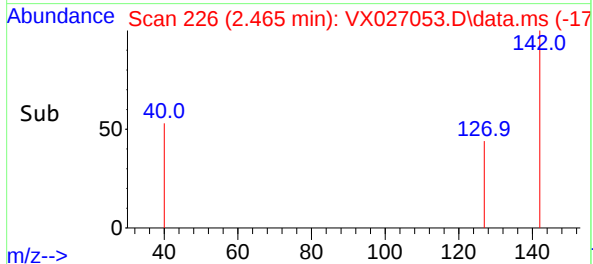
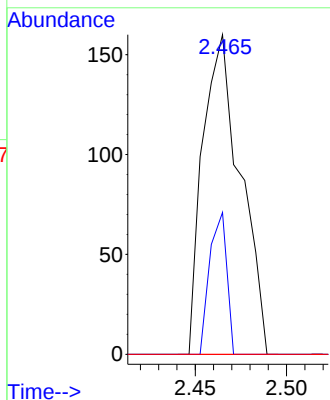
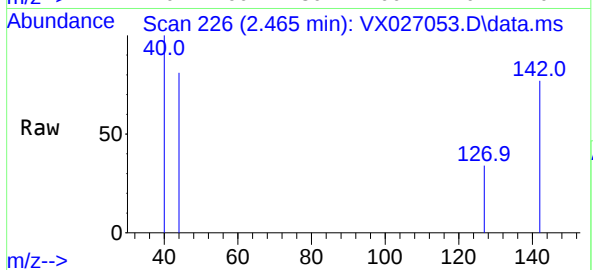




#10
Methyl Iodide
Concen: 2.394 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027053.D
Acq: 16 Feb 2022 16:39

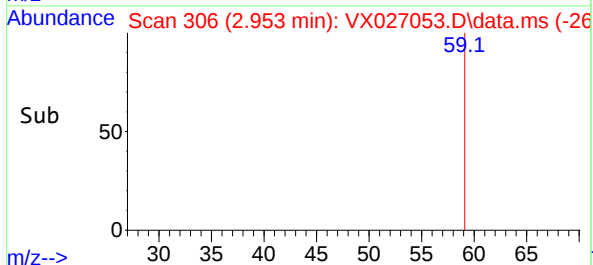
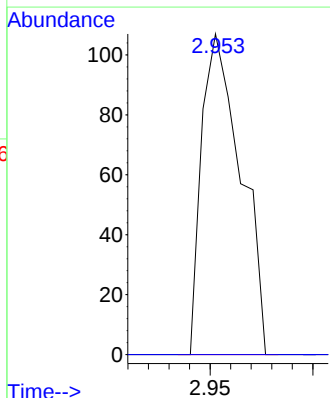
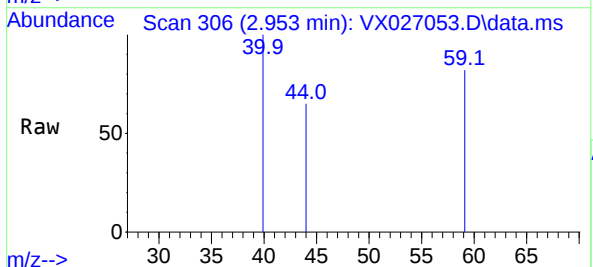
Instrument :
MSVOA_X
ClientSampleId :
MW-7R

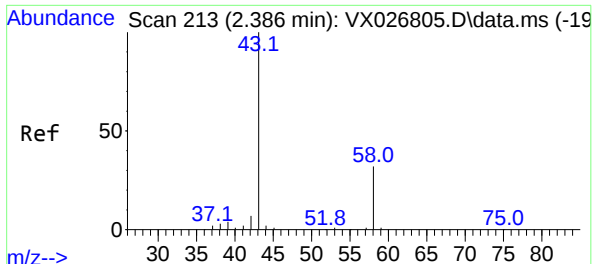
Tgt Ion:142 Resp: 230
Ion Ratio Lower Upper
142 100
127 20.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.591 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.048 min
Lab File: VX027053.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 59 Resp: 142
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

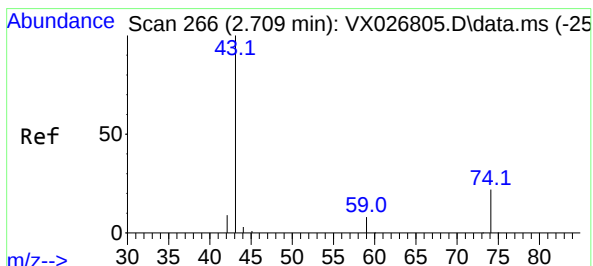
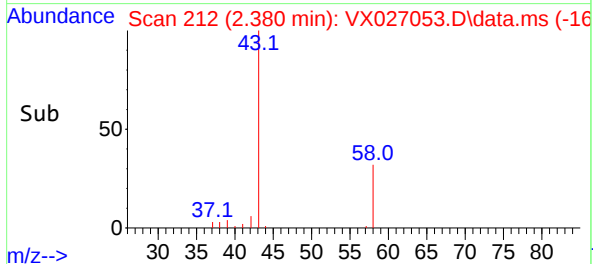
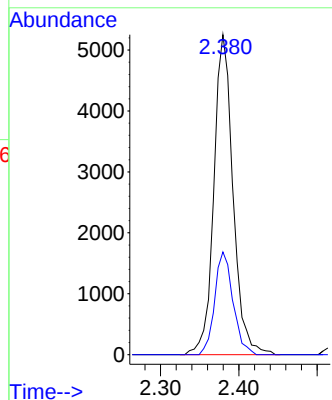
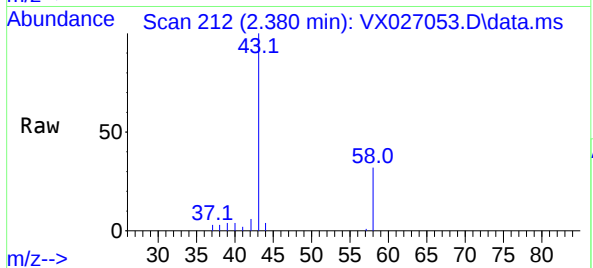




#16
Acetone
Concen: 15.292 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX027053.D
Acq: 16 Feb 2022 16:39

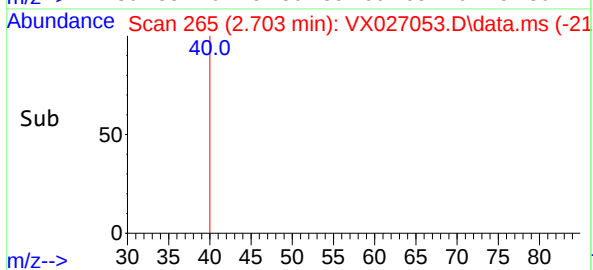
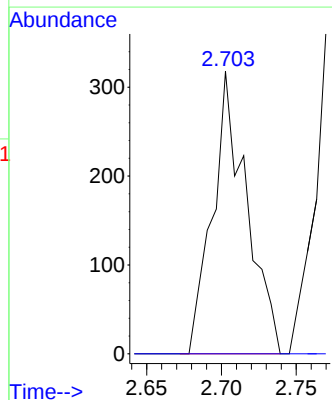
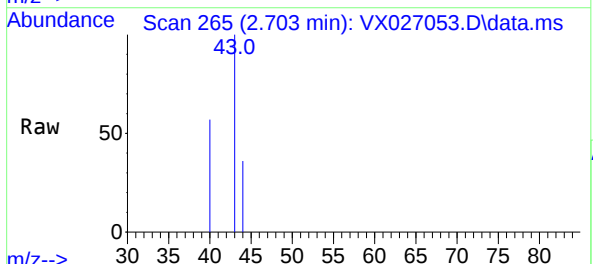
Instrument :
MSVOA_X
ClientSampleId :
MW-7R

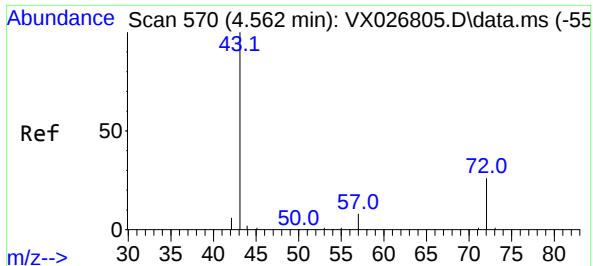
Tgt Ion: 43 Resp: 8930
Ion Ratio Lower Upper
43 100
58 32.1 23.0 34.6



#18
Methyl Acetate
Concen: 0.298 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX027053.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 43 Resp: 501
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#





#25

2-Butanone

Concen: 0.868 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX027053.D

Acq: 16 Feb 2022 16:39

Instrument :

MSVOA_X

ClientSampleId :

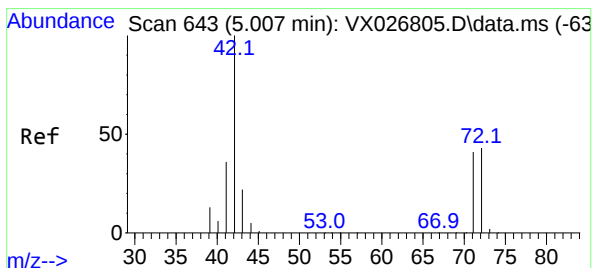
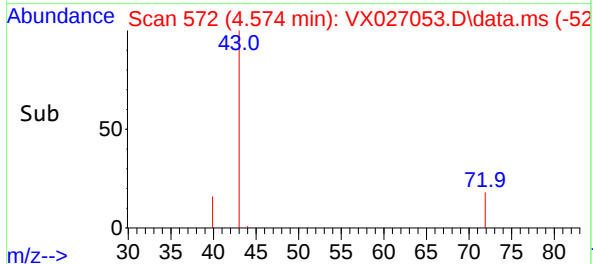
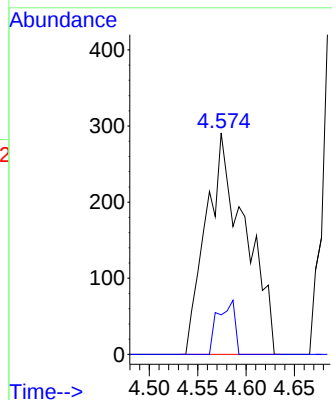
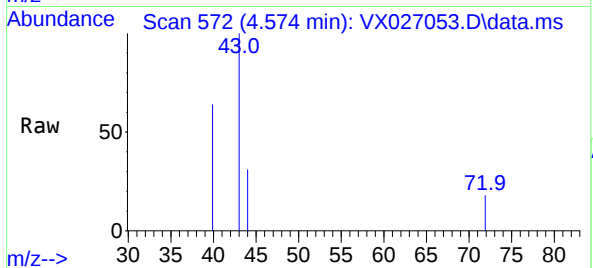
MW-7R

Tgt Ion: 43 Resp: 817

Ion Ratio Lower Upper

43 100

72 17.9 20.4 30.6#



#29

Tetrahydrofuran

Concen: 0.497 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.024 min

Lab File: VX027053.D

Acq: 16 Feb 2022 16:39

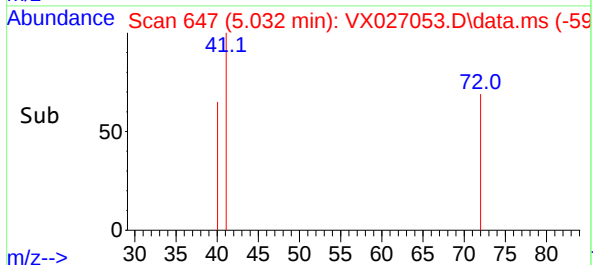
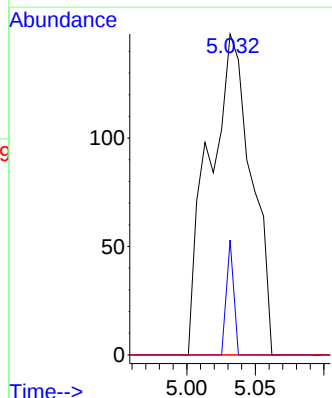
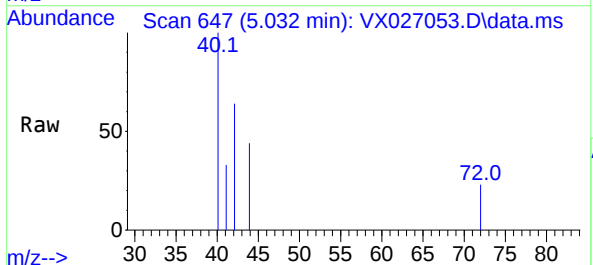
Tgt Ion: 42 Resp: 318

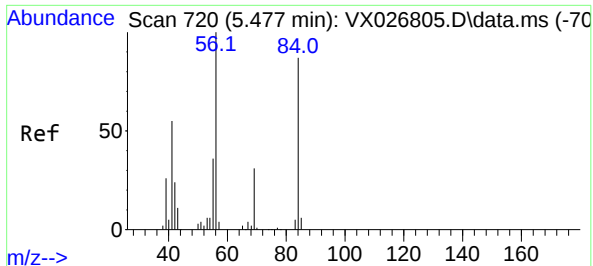
Ion Ratio Lower Upper

42 100

72 6.0 34.6 52.0#

71 0.0 31.8 47.8#

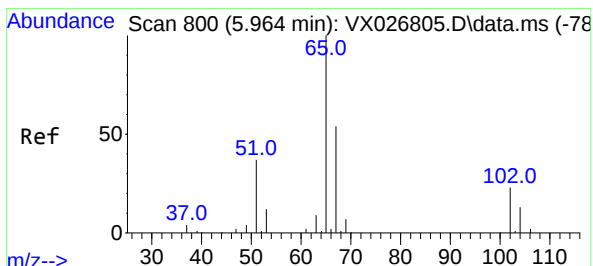
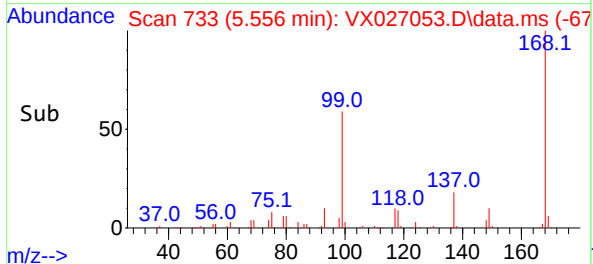
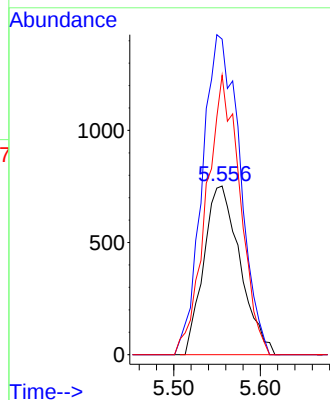
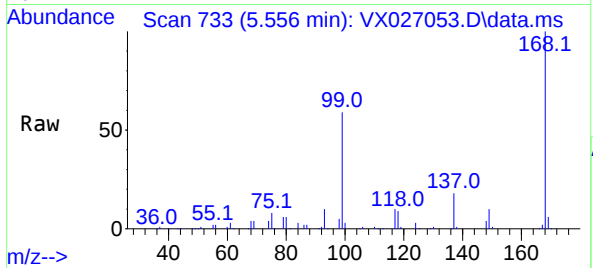




#31
Cyclohexane
Concen: 1.038 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027053.D
Acq: 16 Feb 2022 16:39

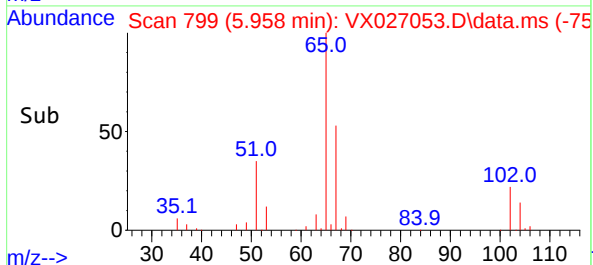
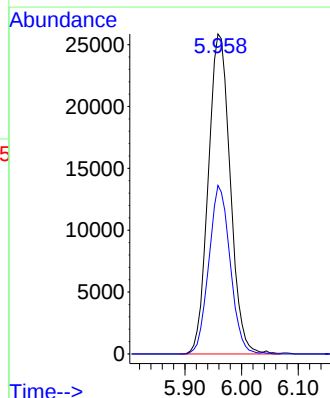
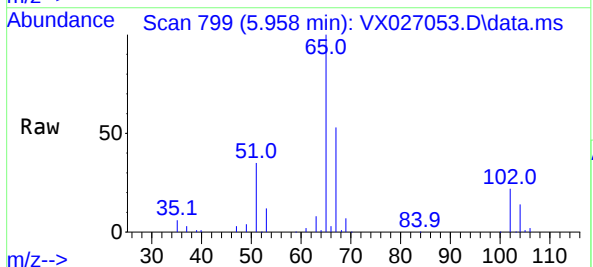
Instrument :
MSVOA_X
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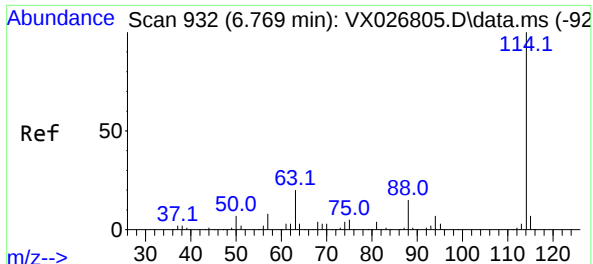
Tgt Ion: 56 Resp: 2192
Ion Ratio Lower Upper
56 100
69 187.1 25.8 38.6#
84 165.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.358 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027053.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 65 Resp: 69613
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX027053.D

Acq: 16 Feb 2022 16:39

Instrument :

MSVOA_X

ClientSampleId :

MW-7R

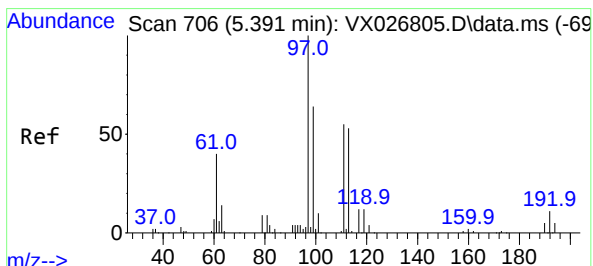
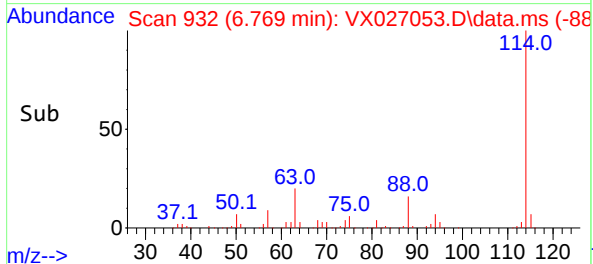
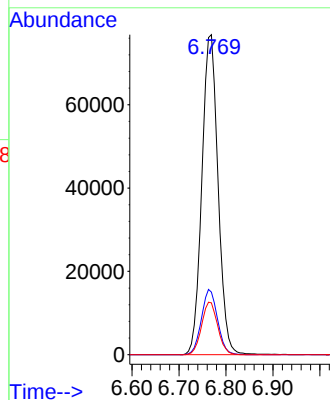
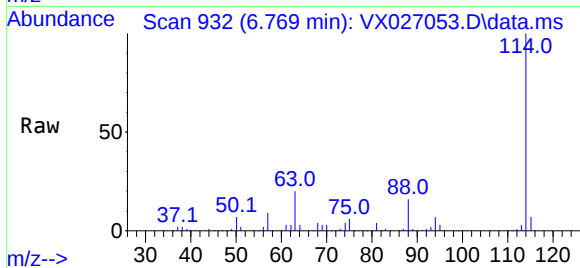
Tgt Ion:114 Resp: 183956

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.8

88 16.2 0.0 33.0



#35

Dibromofluoromethane

Concen: 52.628 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027053.D

Acq: 16 Feb 2022 16:39

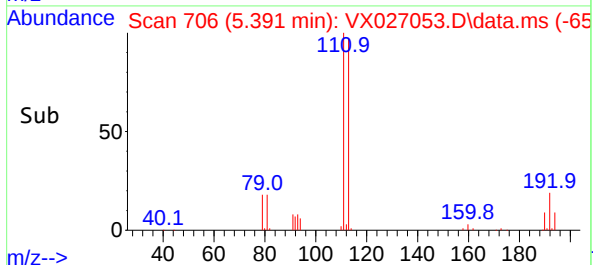
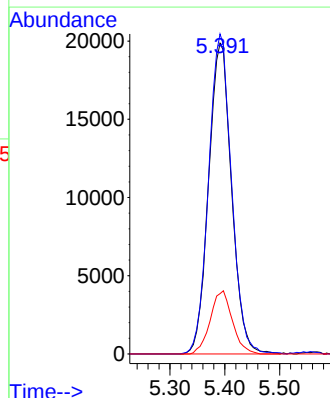
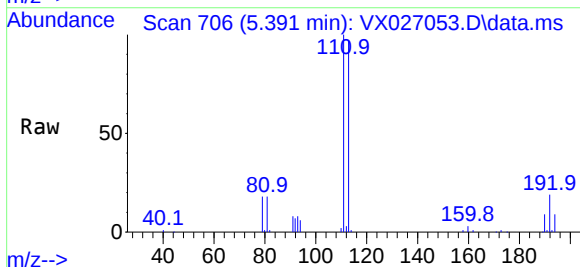
Tgt Ion:113 Resp: 57679

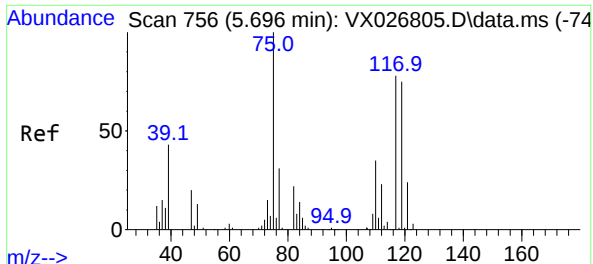
Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

192 19.6 15.0 22.4

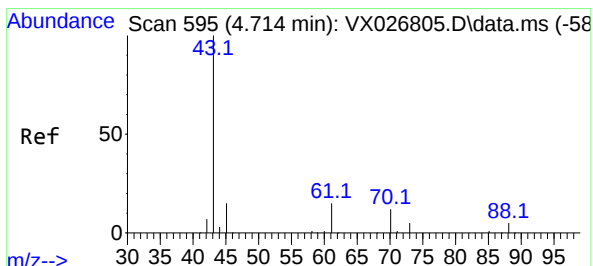
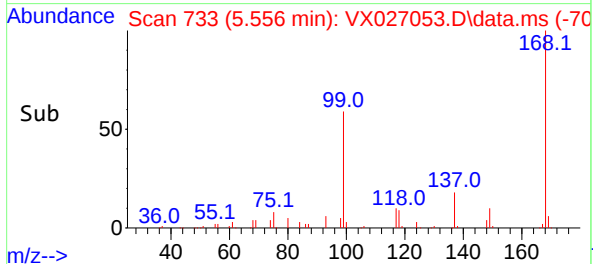
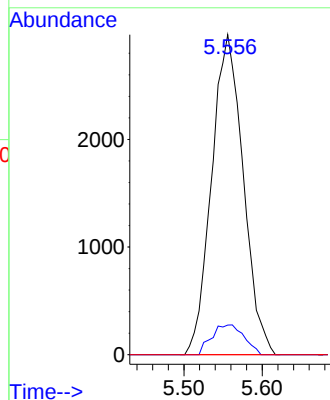
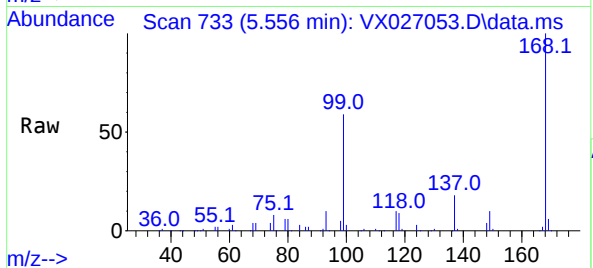




#36
1,1-Dichloropropene
Concen: 4.823 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027053.D
Acq: 16 Feb 2022 16:39

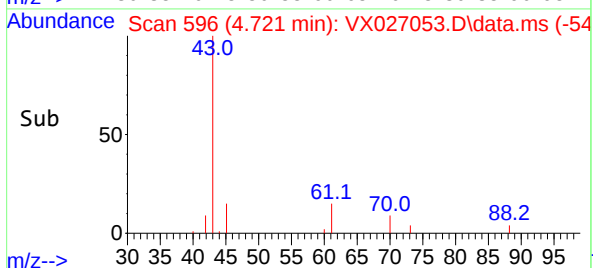
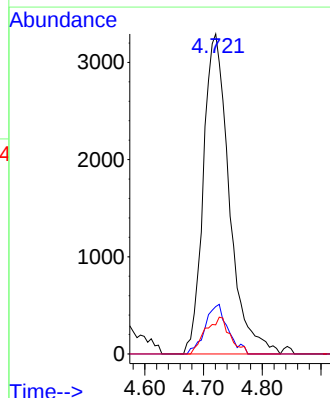
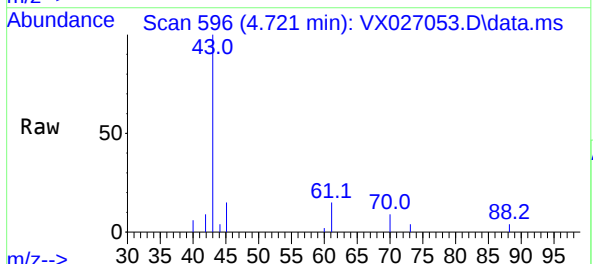
Instrument :
MSVOA_X
ClientSampleId :
MW-7R

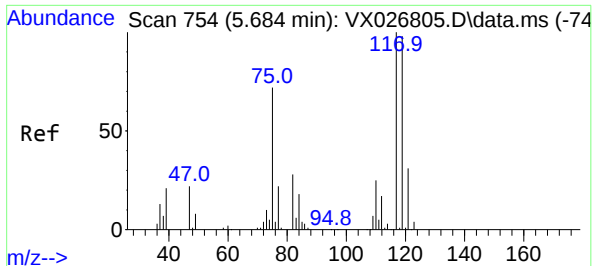
Tgt Ion: 75 Resp: 8339
Ion Ratio Lower Upper
75 100
110 9.6 17.2 51.6#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 5.135 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX027053.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 43 Resp: 10090
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 10.9 8.5 12.7

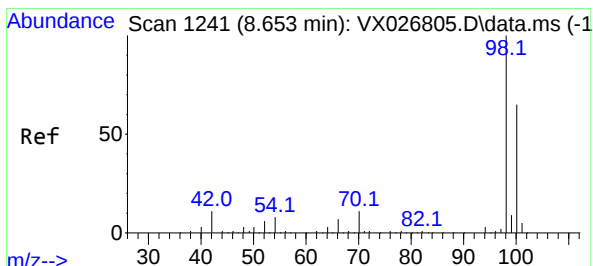
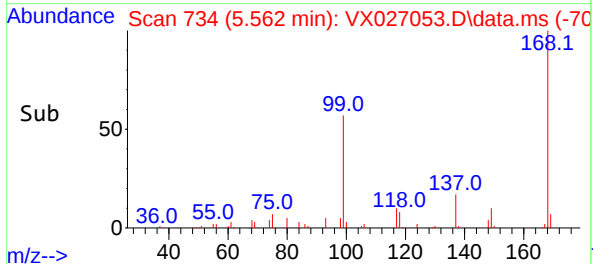
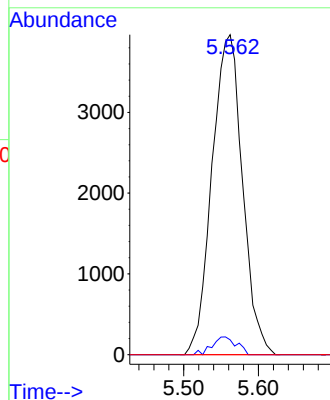
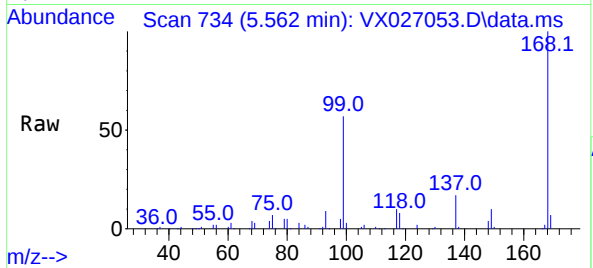




#38
Carbon Tetrachloride
Concen: 6.189 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027053.D
Acq: 16 Feb 2022 16:39

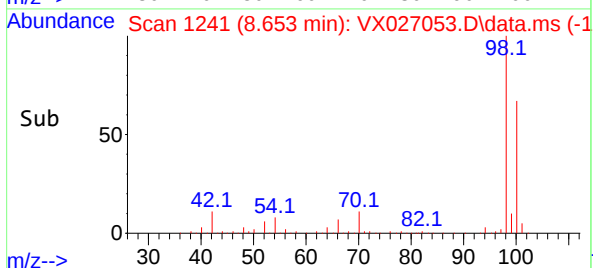
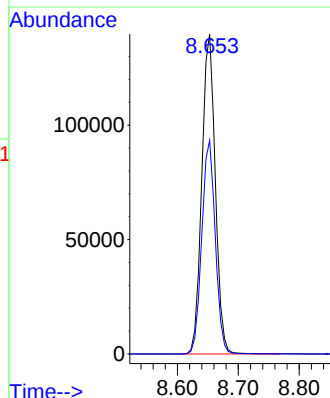
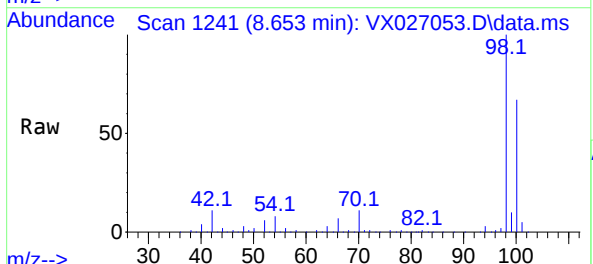
Instrument :
MSVOA_X
ClientSampleId :
MW-7R

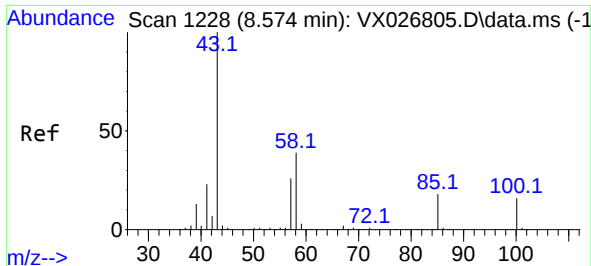
Tgt Ion:117 Resp: 11222
Ion Ratio Lower Upper
117 100
119 4.6 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 53.403 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027053.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 98 Resp: 214840
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.487 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.079 min

Lab File: VX027053.D

Acq: 16 Feb 2022 16:39

Instrument :

MSVOA_X

ClientSampleId :

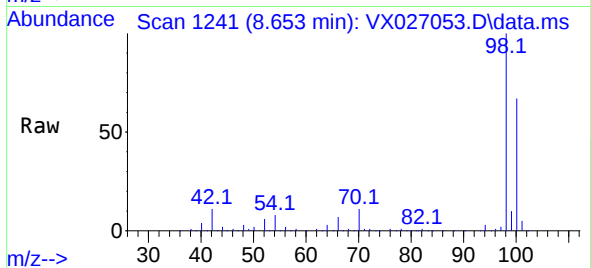
MW-7R

Tgt Ion: 43 Resp: 893

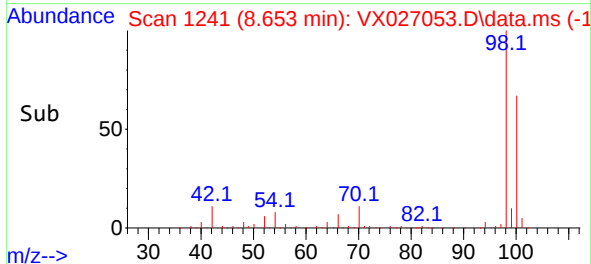
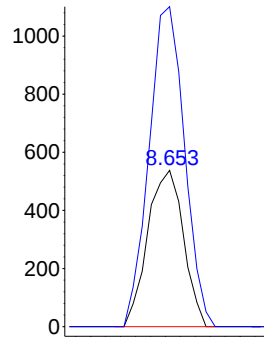
Ion Ratio Lower Upper

43 100

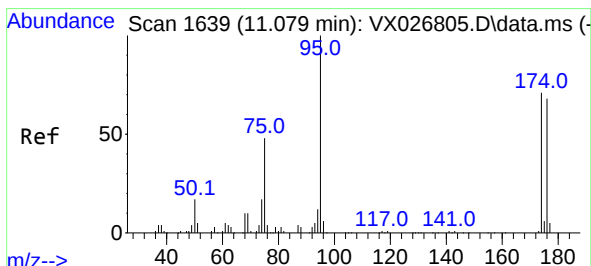
58 203.1 30.5 45.7#



Abundance



Time-->



#62

4-Bromofluorobenzene

Concen: 58.024 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX027053.D

Acq: 16 Feb 2022 16:39

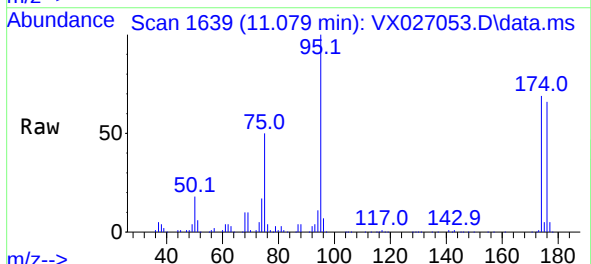
Tgt Ion: 95 Resp: 82183

Ion Ratio Lower Upper

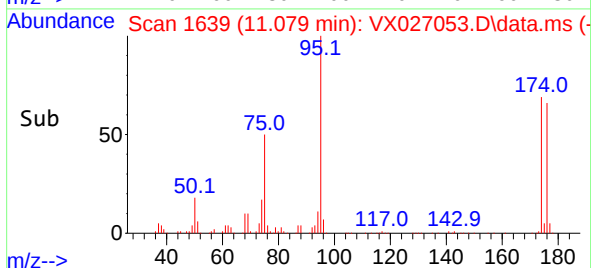
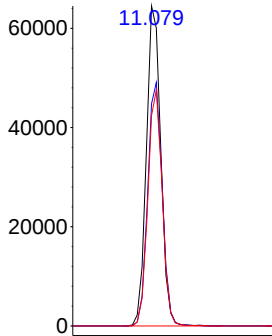
95 100

174 76.7 0.0 148.6

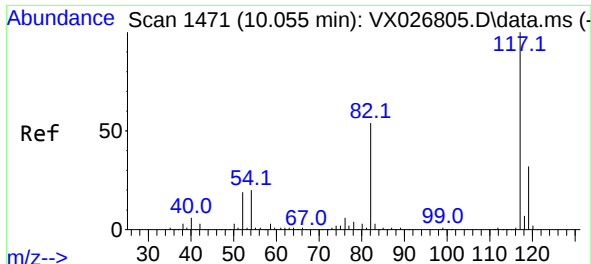
176 73.3 0.0 141.4



Abundance



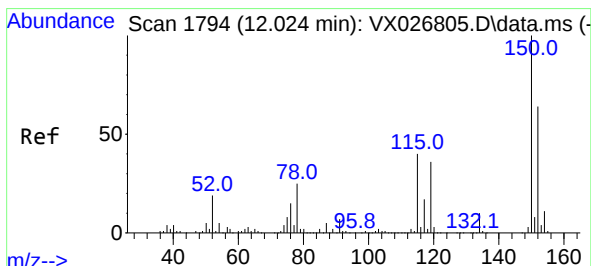
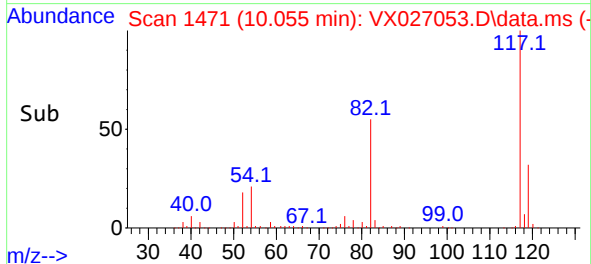
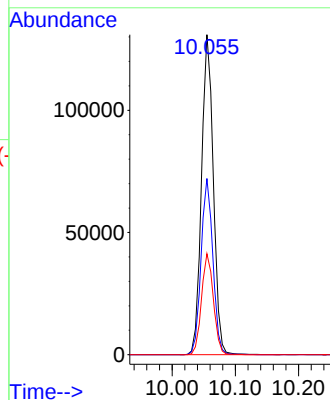
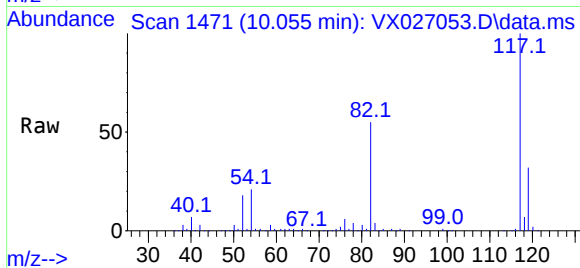
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027053.D
Acq: 16 Feb 2022 16:39

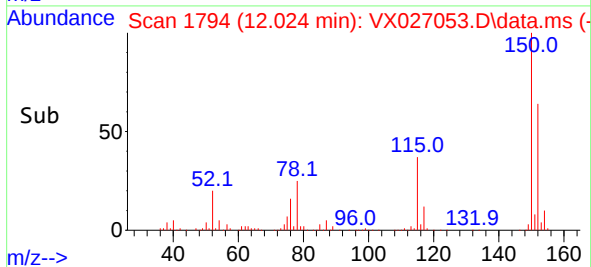
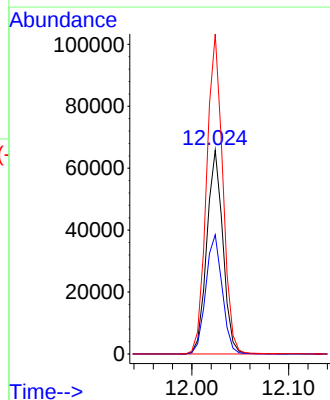
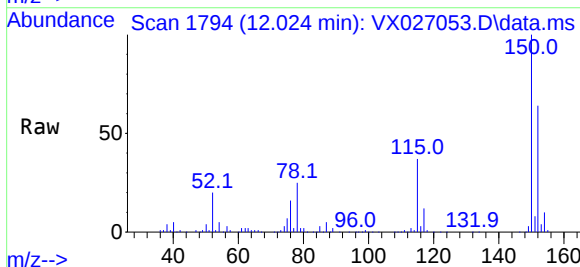
Instrument :
MSVOA_X
ClientSampleId :
MW-7R

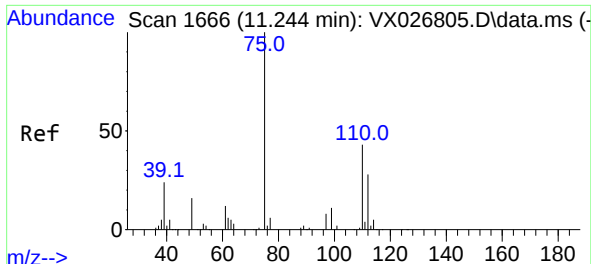
Tgt Ion:117 Resp: 170690
Ion Ratio Lower Upper
117 100
82 55.1 45.2 67.8
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027053.D
Acq: 16 Feb 2022 16:39

Tgt Ion:152 Resp: 76124
Ion Ratio Lower Upper
152 100
115 59.9 44.2 132.6
150 158.4 0.0 348.2

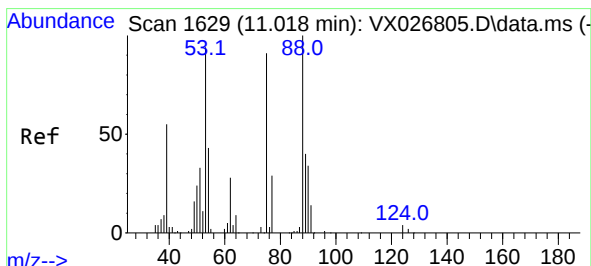
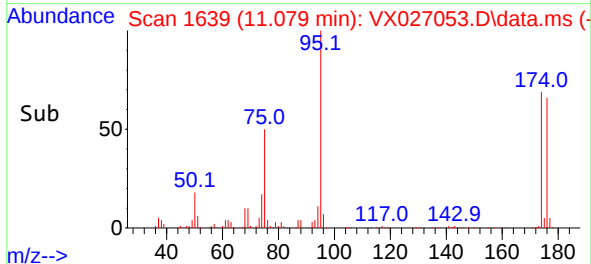
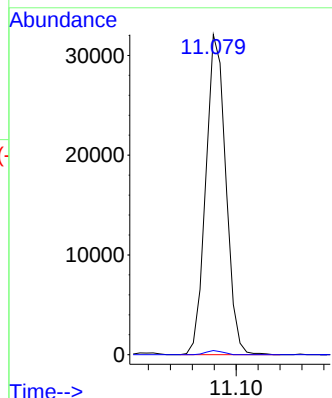
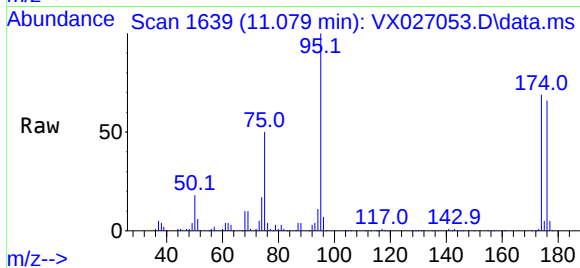




#76
1,2,3-Trichloropropane
Concen: 24.433 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027053.D
Acq: 16 Feb 2022 16:39

Instrument :
MSVOA_X
ClientSampleId :
MW-7R

Tgt Ion: 75 Resp: 40715
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.603 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027053.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 75 Resp: 40715
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

