

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
 Data File : VX036973.D
 Acq On : 14 Aug 2023 18:36
 Operator : JC/MD
 Sample : 03986-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1773

Quant Time: Aug 15 01:31:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

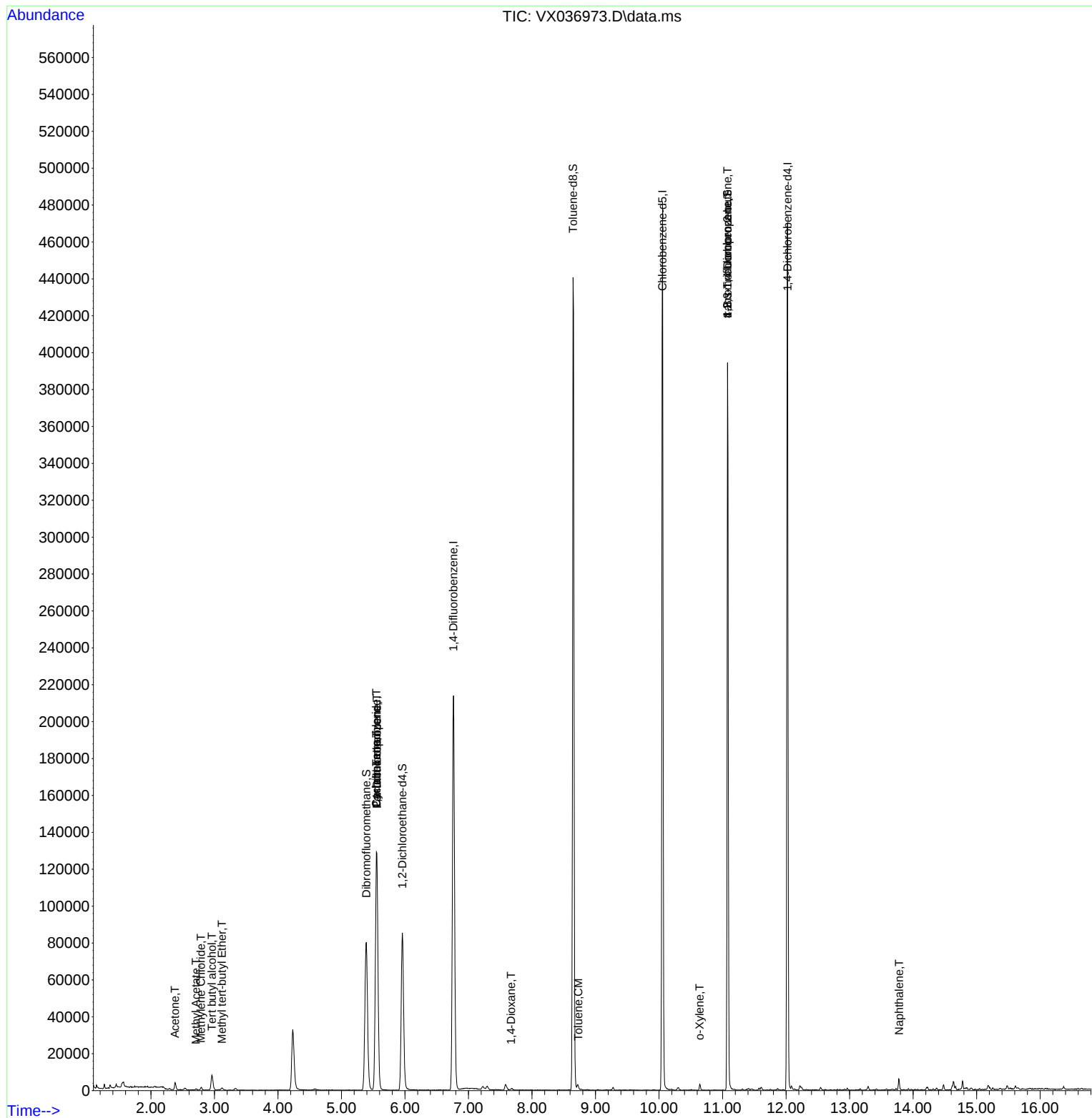
Internal Standards						
1) Pentafluorobenzene	5.556	168	119346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219485	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84738	47.986	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.980%		
35) Dibromofluoromethane	5.391	113	70671	46.845	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.680%		
50) Toluene-d8	8.647	98	263100	49.179	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.360%		
62) 4-Bromofluorobenzene	11.079	95	105238	52.139	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.280%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	10064	24.073	ug/l #	91
16) Acetone	2.380	43	4218	5.756	ug/l	96
18) Methyl Acetate	2.709	43	789	0.256	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	1362	0.271	ug/l	93
20) Methylene Chloride	2.788	84	806	0.495	ug/l #	74
31) Cyclohexane	5.550	56	2647	1.083	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	9961	4.430	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12724	5.323	ug/l #	14
49) 1,4-Dioxane	7.671	88	213	5.175	ug/l #	12
52) Toluene	8.726	92	979	0.239	ug/l	88
69) o-Xylene	10.640	106	799	0.252	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	54943	23.747	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54943	53.825	ug/l #	5
95) Naphthalene	13.780	128	4441	0.624	ug/l	97

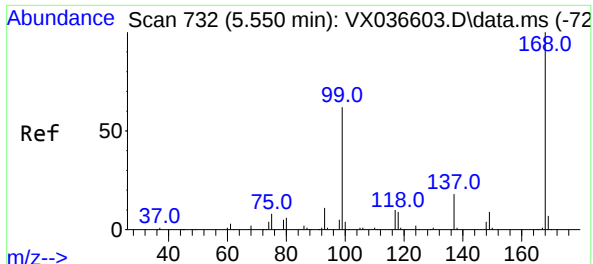
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
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1773

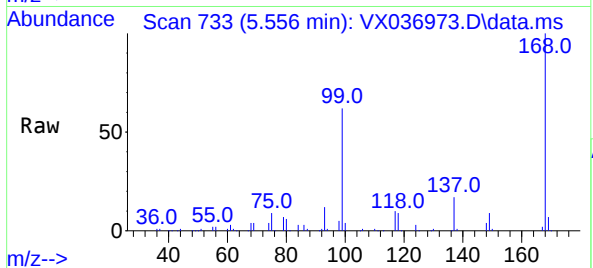
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



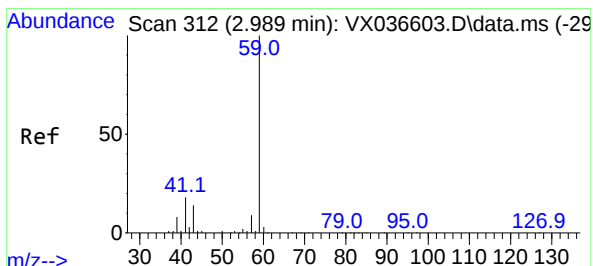
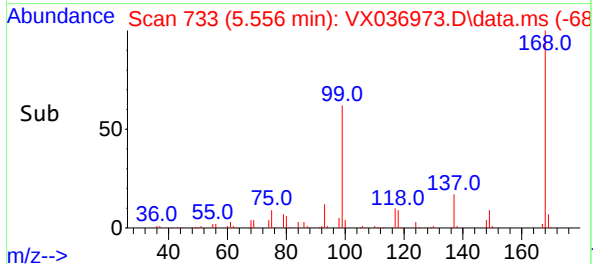
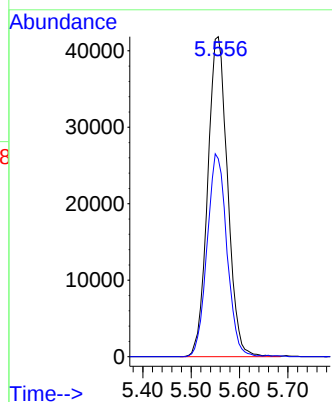


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

Instrument :
MSVOA_X
ClientSampleId :
1773

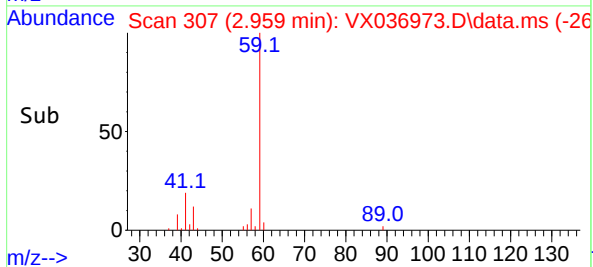
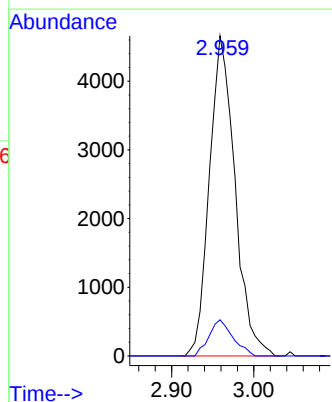
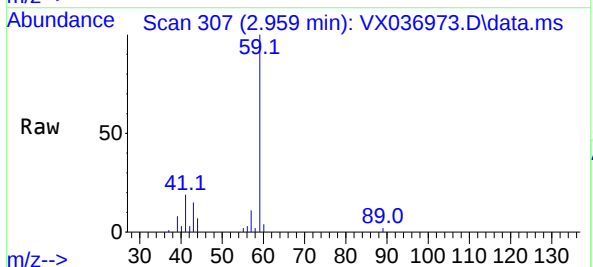


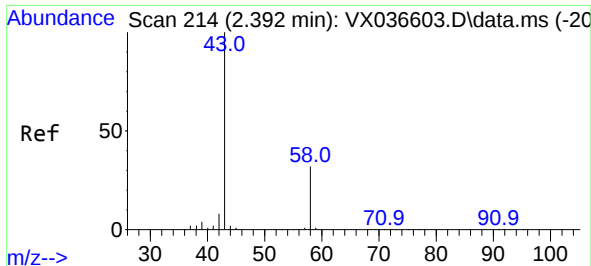
Tgt Ion:168 Resp: 119346
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 24.073 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

Tgt Ion: 59 Resp: 10064
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0#

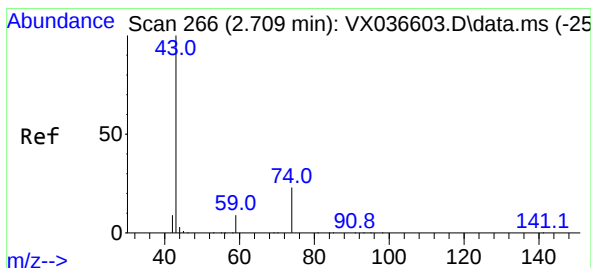
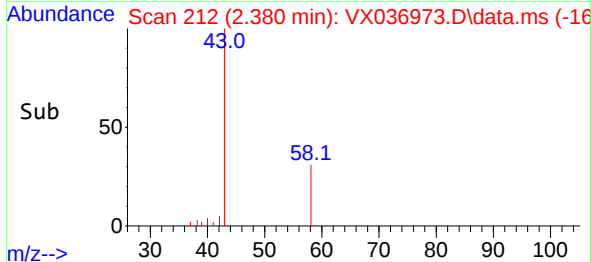
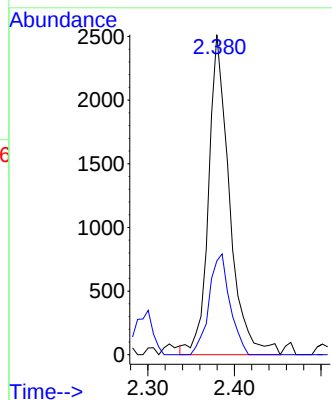
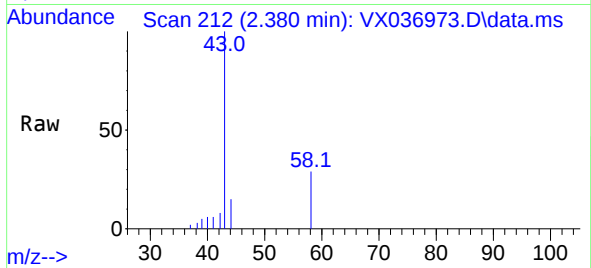




#16
Acetone
Concen: 5.756 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

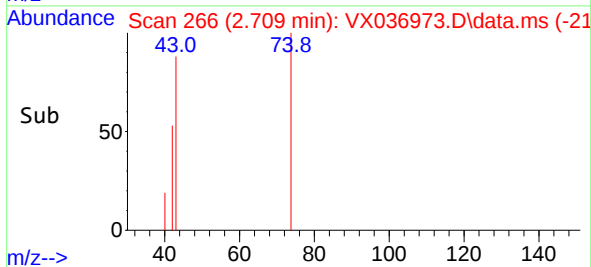
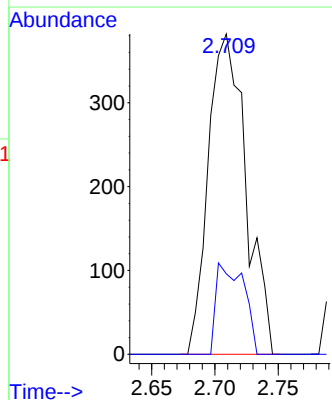
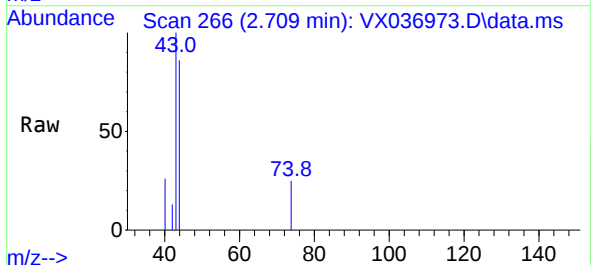
Instrument :
MSVOA_X
ClientSampleId :
1773

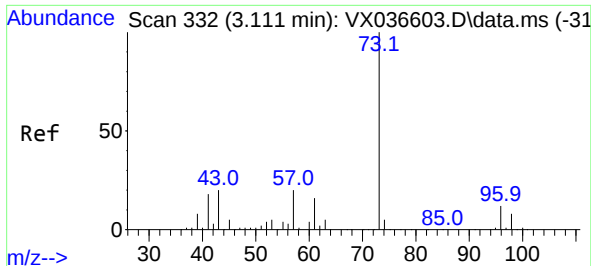
Tgt Ion: 43 Resp: 4218
Ion Ratio Lower Upper
43 100
58 29.3 21.9 32.9



#18
Methyl Acetate
Concen: 0.256 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

Tgt Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
74 20.9 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 0.271 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX036973.D

Acq: 14 Aug 2023 18:36

Instrument :

MSVOA_X

ClientSampleId :

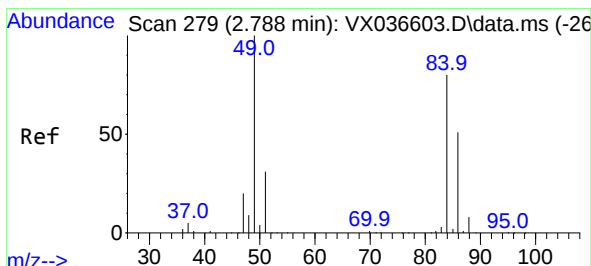
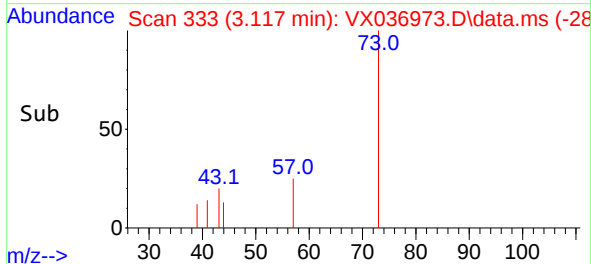
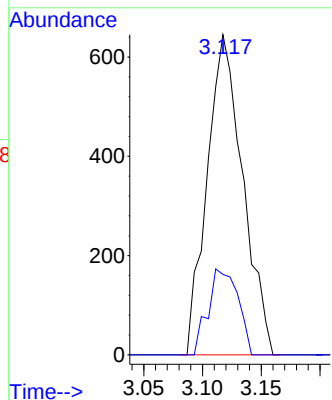
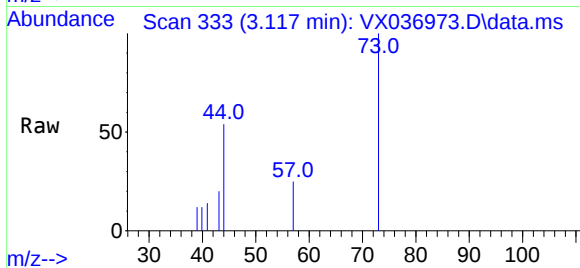
1773

Tgt Ion: 73 Resp: 1362

Ion Ratio Lower Upper

73 100

57 25.1 17.3 25.9



#20

Methylene Chloride

Concen: 0.495 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX036973.D

Acq: 14 Aug 2023 18:36

Tgt Ion: 84 Resp: 806

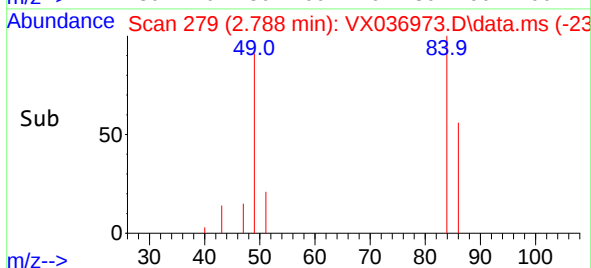
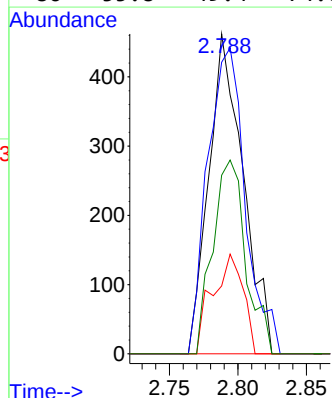
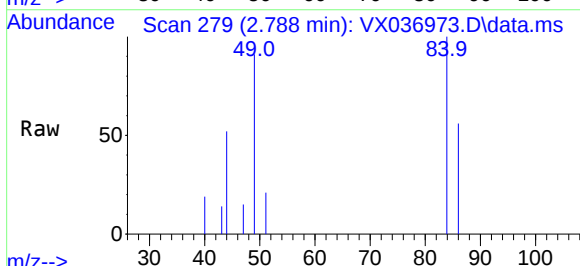
Ion Ratio Lower Upper

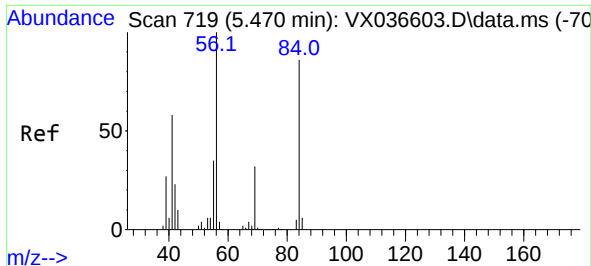
84 100

49 91.1 103.6 155.4#

51 21.2 33.8 50.6#

86 55.8 49.4 74.0

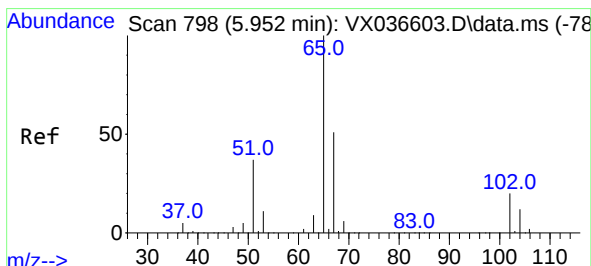
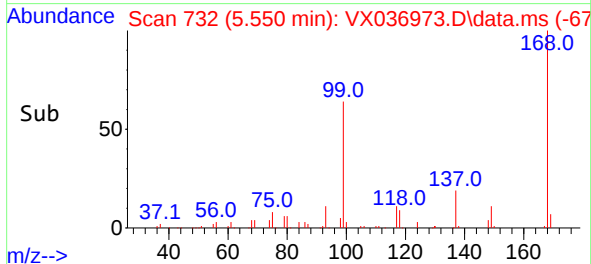
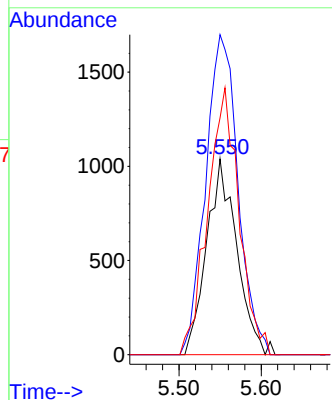
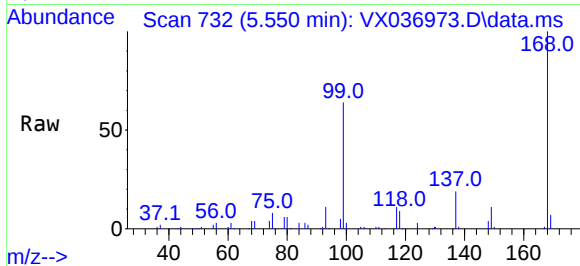




#31
Cyclohexane
Concen: 1.083 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

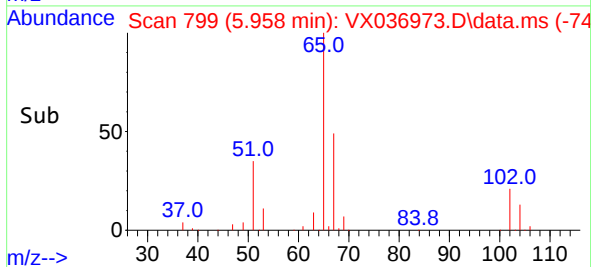
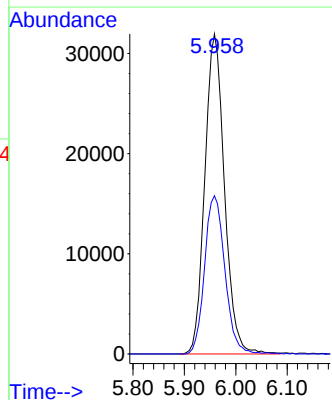
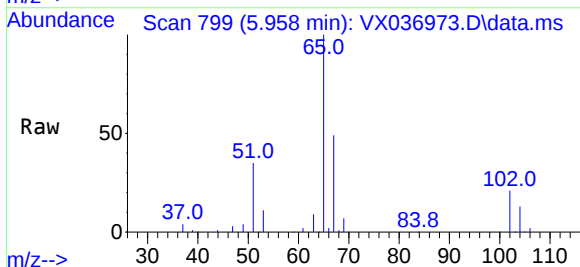
Instrument :
MSVOA_X
ClientSampleId :
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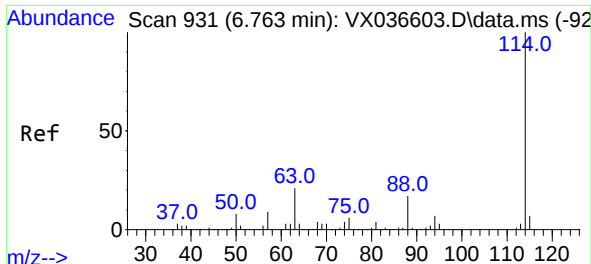
Tgt Ion: 56 Resp: 2647
Ion Ratio Lower Upper
56 100
69 163.4 23.4 35.2#
84 120.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.986 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

Tgt Ion: 65 Resp: 84738
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

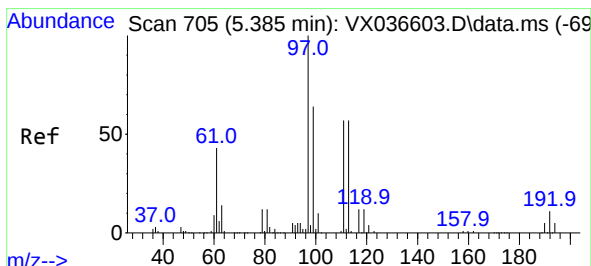
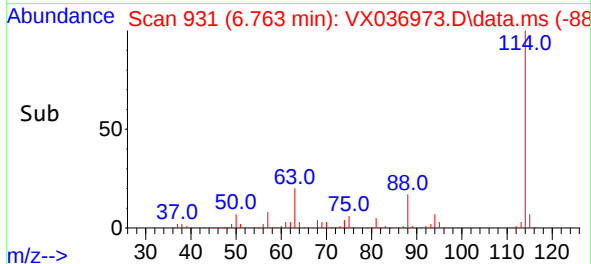
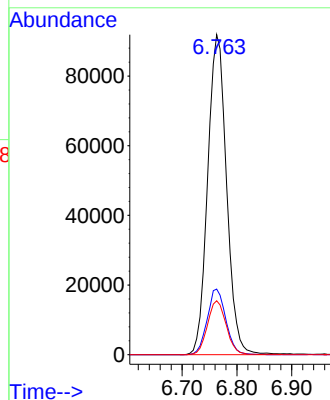
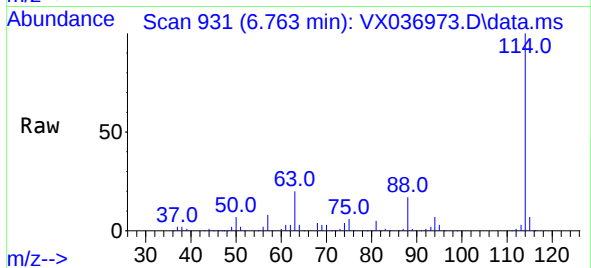




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

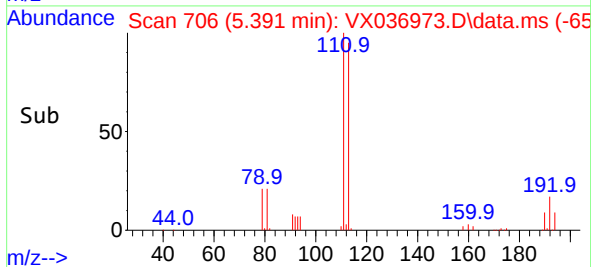
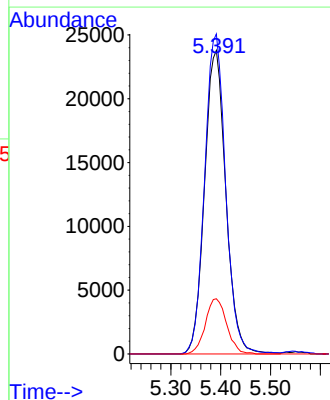
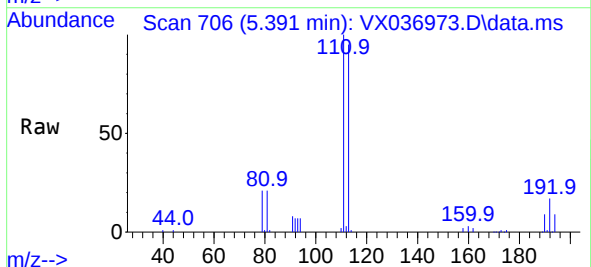
Instrument :
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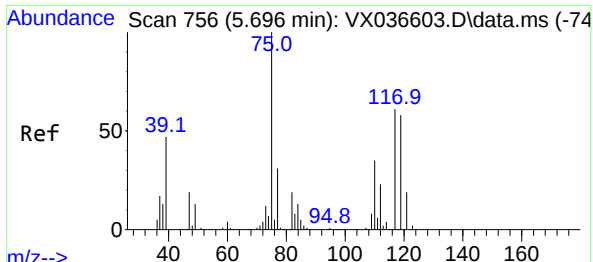
Tgt Ion:114 Resp: 219485
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.845 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

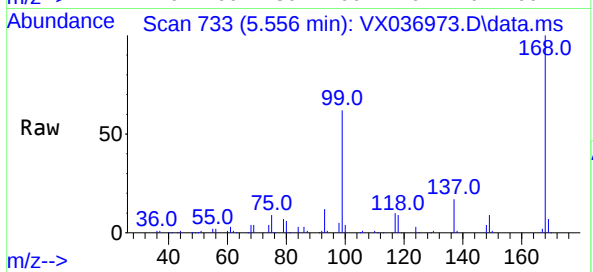
Tgt Ion:113 Resp: 70671
Ion Ratio Lower Upper
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111 103.9 82.9 124.3
192 18.2 13.3 19.9



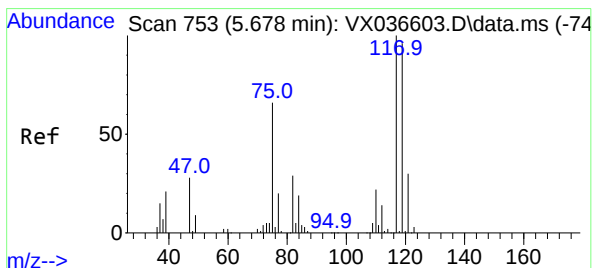
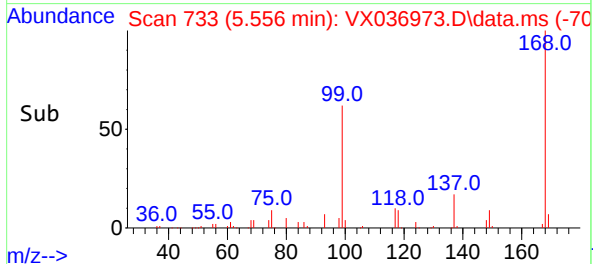
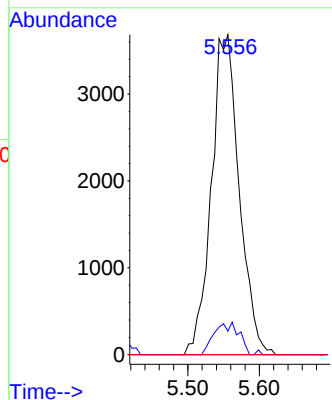


#36
1,1-Dichloropropene
Concen: 4.430 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

Instrument :
MSVOA_X
ClientSampleId :
1773

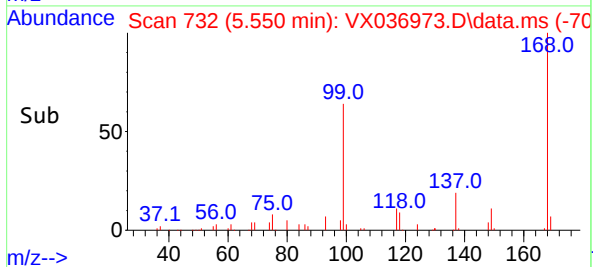
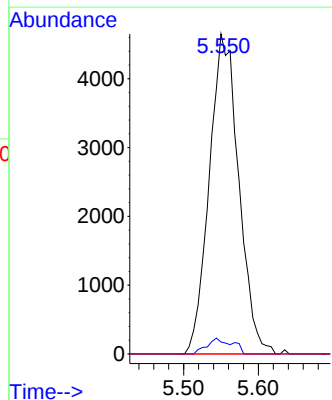
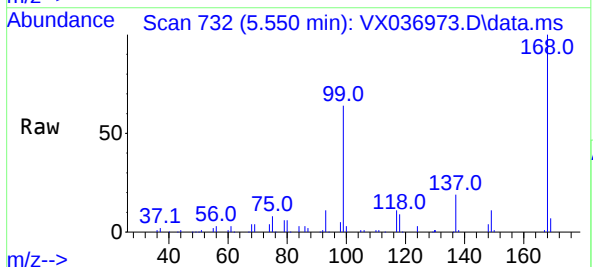


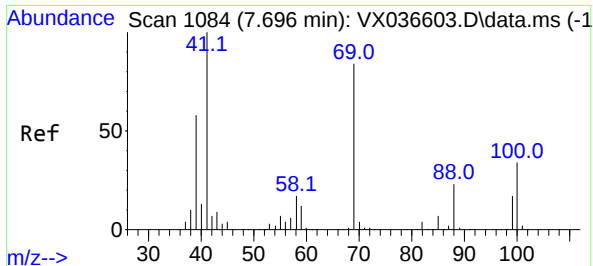
Tgt Ion: 75 Resp: 9961
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.323 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

Tgt Ion: 117 Resp: 12724
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#

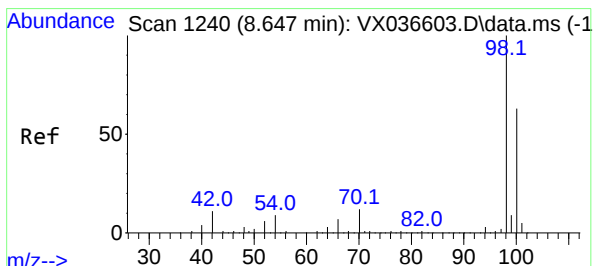
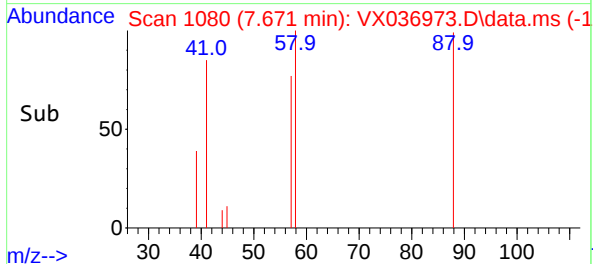
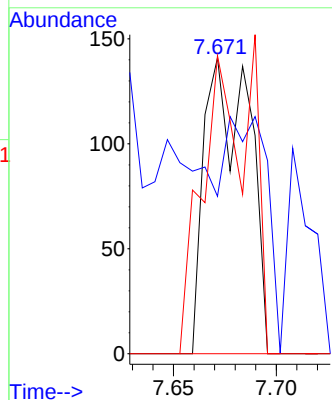
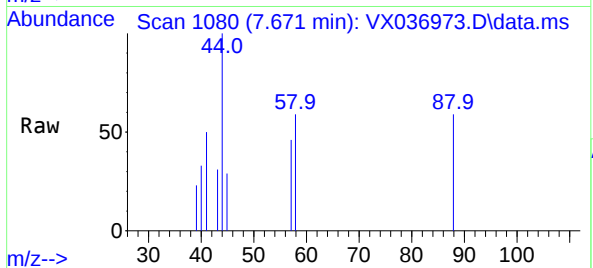




#49
1,4-Dioxane
Concen: 5.175 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.024 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

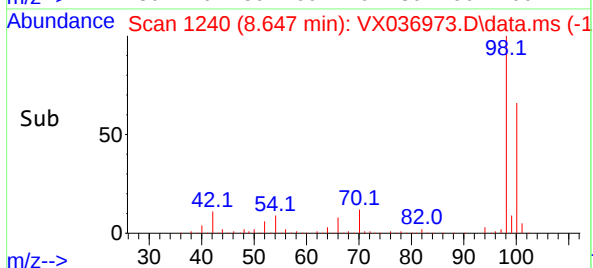
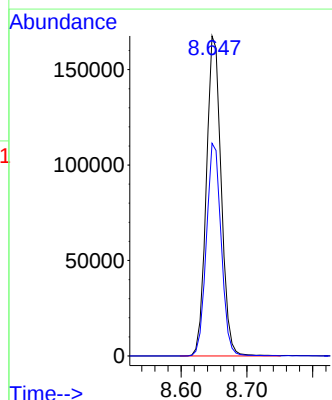
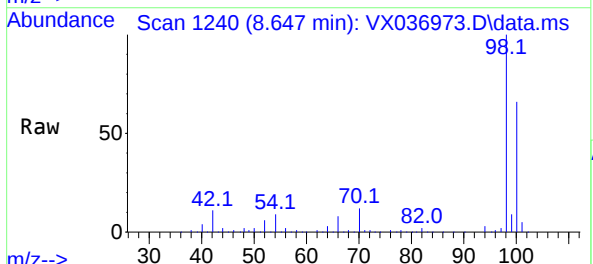
Instrument :
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1773

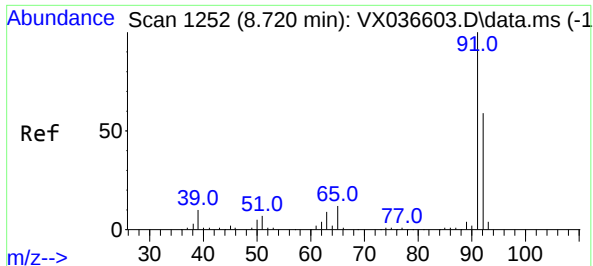
Tgt Ion: 88 Resp: 213
Ion Ratio Lower Upper
88 100
43 71.8 0.0 0.0#
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 49.179 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

Tgt Ion: 98 Resp: 263100
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7





#52

Toluene

Concen: 0.239 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX036973.D

Acq: 14 Aug 2023 18:36

Instrument :

MSVOA_X

ClientSampleId :

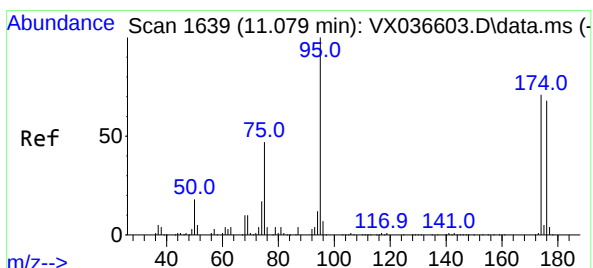
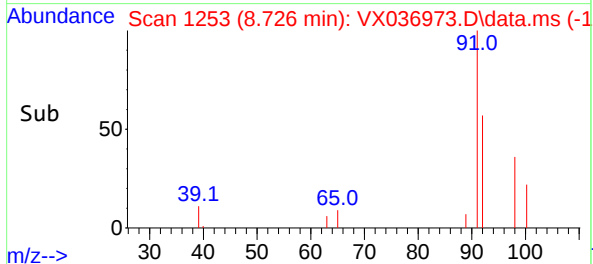
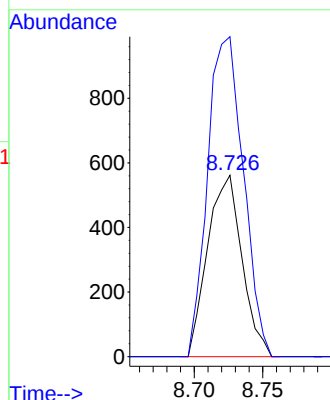
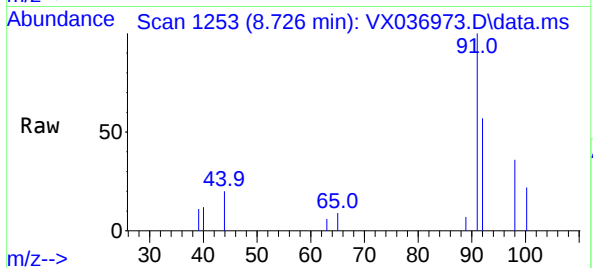
1773

Tgt Ion: 92 Resp: 979

Ion Ratio Lower Upper

92 100

91 183.7 134.2 201.2



#62

4-Bromofluorobenzene

Concen: 52.139 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036973.D

Acq: 14 Aug 2023 18:36

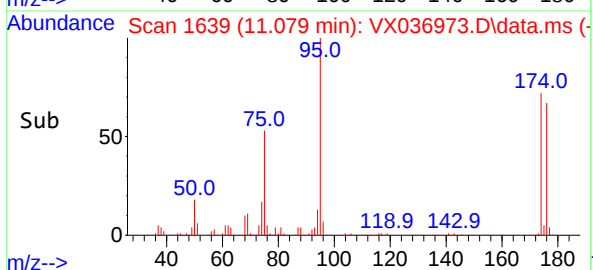
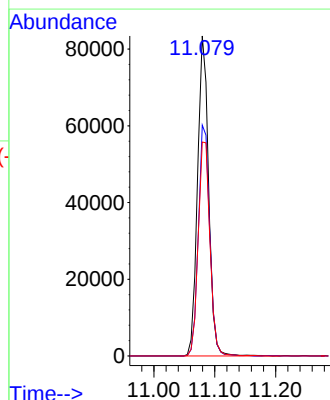
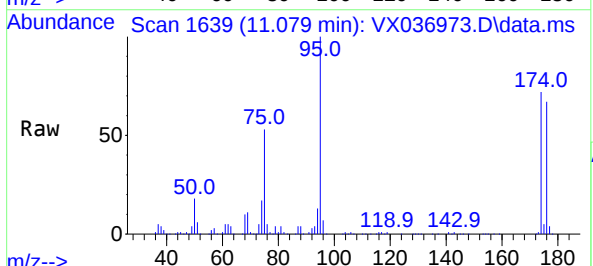
Tgt Ion: 95 Resp: 105238

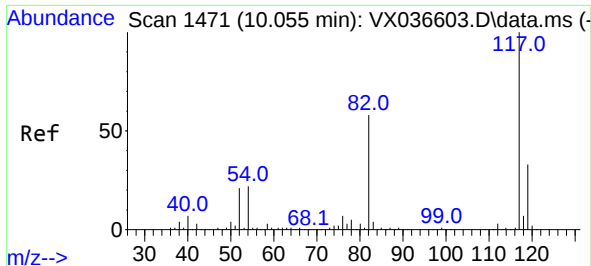
Ion Ratio Lower Upper

95 100

174 73.9 0.0 135.6

176 71.0 0.0 131.0

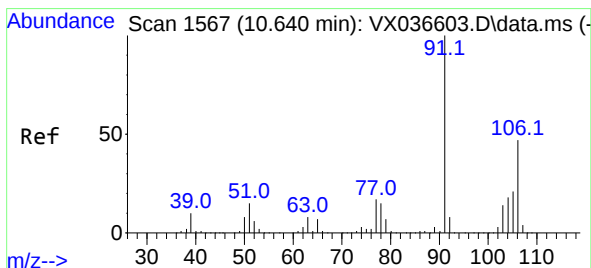
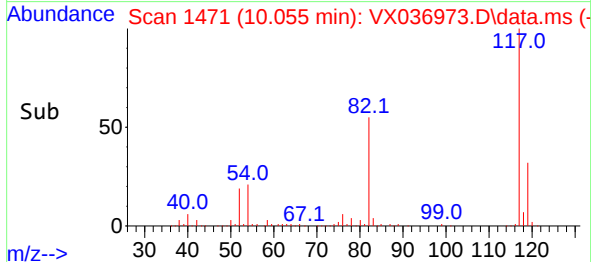
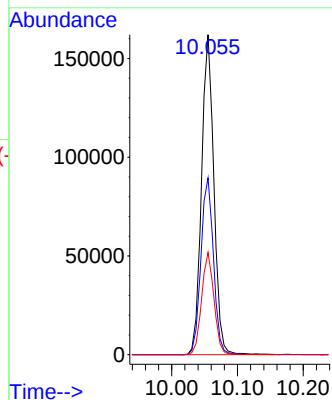
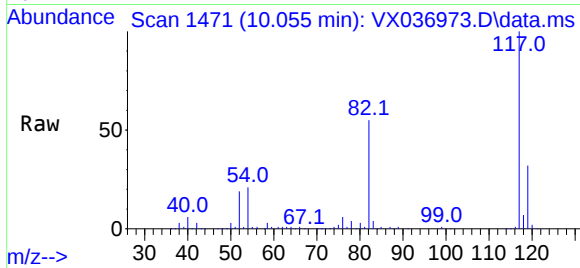




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

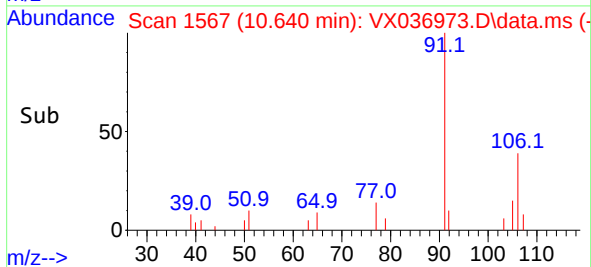
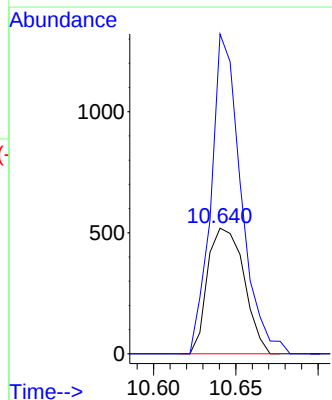
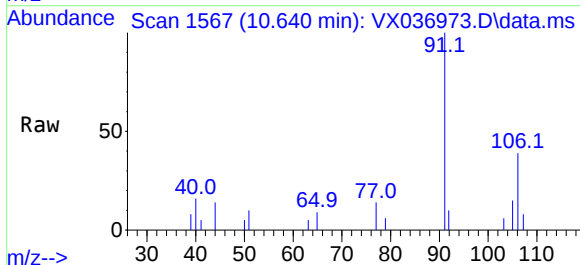
Instrument :
MSVOA_X
ClientSampleId :
1773

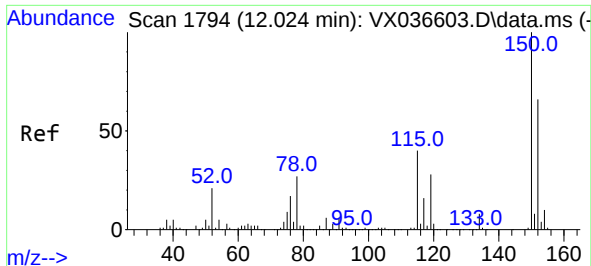
Tgt Ion:117 Resp: 211576
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.0 25.5 38.3



#69
o-Xylene
Concen: 0.252 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

Tgt Ion:106 Resp: 799
Ion Ratio Lower Upper
106 100
91 209.6 108.9 326.8

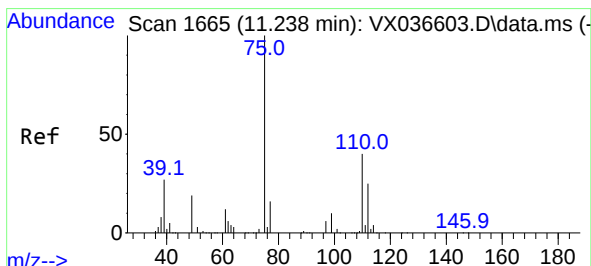
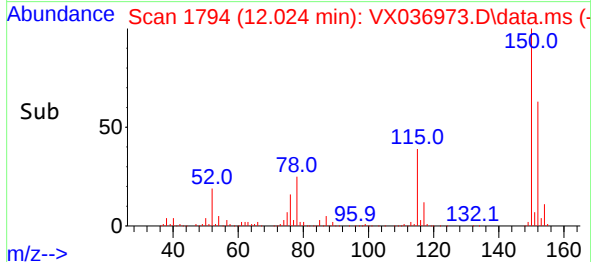
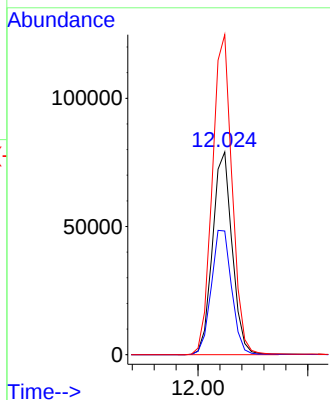
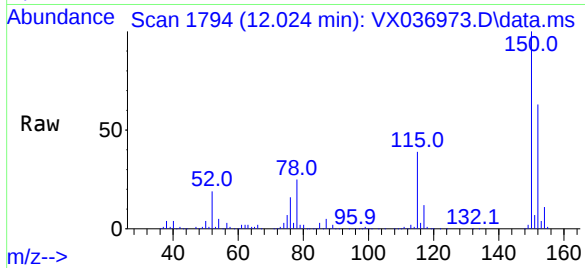




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11773
Delta R.T. 0.000 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

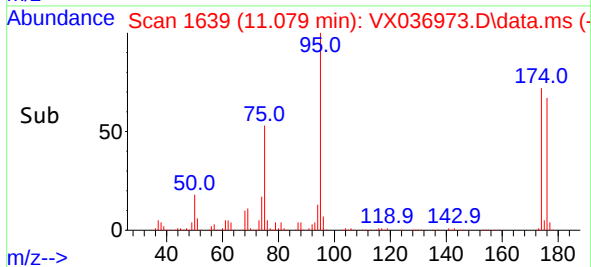
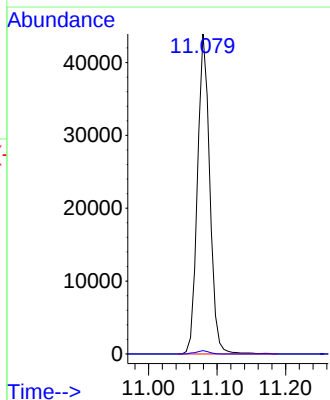
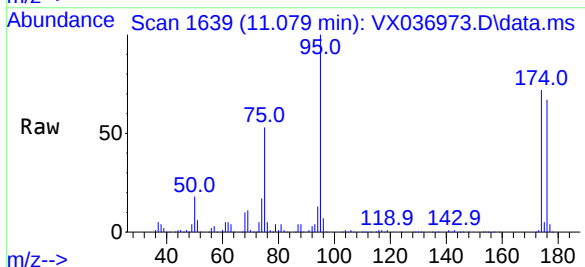
Instrument :
MSVOA_X
ClientSampleId :
1773

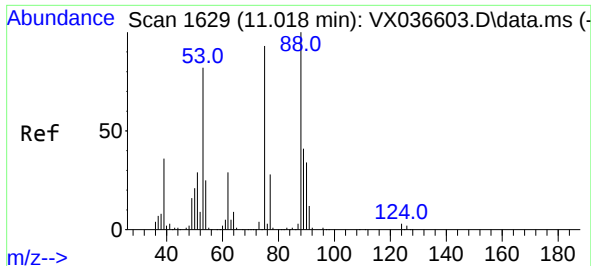
Tgt Ion:152 Resp: 98365
Ion Ratio Lower Upper
152 100
115 63.9 43.3 129.9
150 159.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.747 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

Tgt Ion: 75 Resp: 54943
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

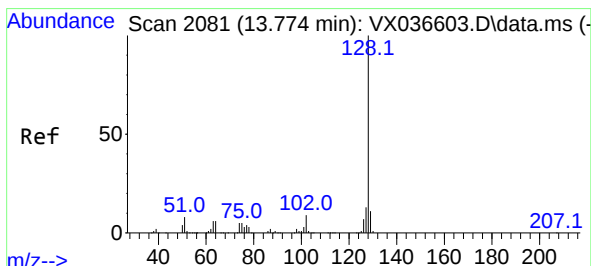
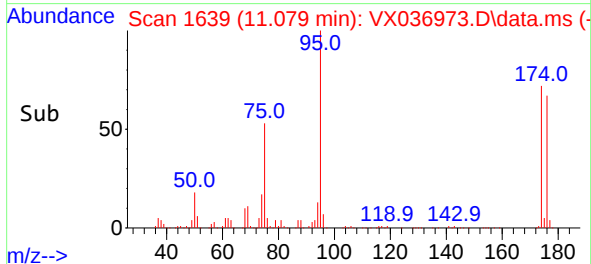
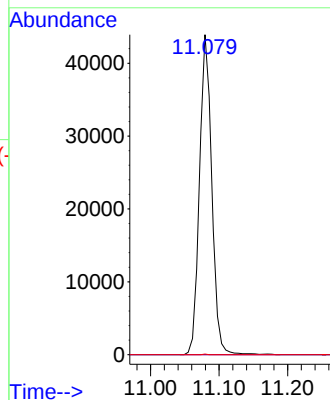
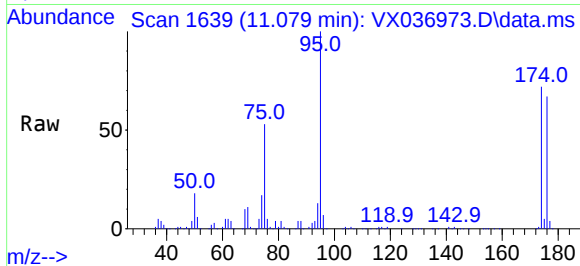




#81
trans-1,4-Dichloro-2-butene
Concen: 53.825 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

Instrument :
MSVOA_X
ClientSampleId :
1773

Tgt Ion: 75 Resp: 54943
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#95
Naphthalene
Concen: 0.624 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036973.D
Acq: 14 Aug 2023 18:36

Tgt Ion:128 Resp: 4441
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 9.3 8.8 13.2

