

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062623\
 Data File : VX036330.D
 Acq On : 26 Jun 2023 15:10
 Operator : JC/MD
 Sample : 03339-02DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08DL

Quant Time: Jun 27 04:24:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	98880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149854	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62535	44.120	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.240%
35) Dibromofluoromethane	5.385	113	47279	47.849	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.700%
50) Toluene-d8	8.647	98	180398	48.881	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.760%
62) 4-Bromofluorobenzene	11.079	95	56788	43.685	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	194	0.207	ug/l	85
3) Chloromethane	1.294	50	421	0.259	ug/l #	68
5) Bromomethane	1.624	94	615	0.473	ug/l #	51
6) Chloroethane	1.685	64	363	0.279	ug/l #	87
7) Trichlorofluoromethane	1.892	101	591	0.219	ug/l #	47
9) 1,1,2-Trichlorotrifluo...	2.331	101	492	0.434	ug/l #	86
10) Methyl Iodide	2.459	142	443	0.323	ug/l #	59
11) Tert butyl alcohol	2.983	59	165	0.640	ug/l #	88
12) 1,1-Dichloroethene	2.319	96	232	0.206	ug/l #	25
13) Acrolein	2.239	56	368	1.039	ug/l #	14
14) Allyl chloride	2.672	41	447	0.245	ug/l #	78
15) Acrylonitrile	3.068	53	582	0.890	ug/l #	22
16) Acetone	2.398	43	2615	4.316	ug/l	94
17) Carbon Disulfide	2.508	76	1880	0.681	ug/l #	89
18) Methyl Acetate	2.703	43	548	0.220	ug/l #	77
19) Methyl tert-butyl Ether	3.123	73	1289	0.355	ug/l #	65
20) Methylene Chloride	2.788	84	973	0.746	ug/l #	71
21) trans-1,2-Dichloroethene	3.087	96	402	0.335	ug/l #	66
23) Vinyl Acetate	3.727	43	1342	0.505	ug/l #	73
25) 2-Butanone	4.574	43	1412	1.622	ug/l #	51
29) Tetrahydrofuran	5.032	42	608	1.097	ug/l #	51
31) Cyclohexane	5.483	56	1525	0.840	ug/l #	54
36) 1,1-Dichloropropene	5.696	75	552	0.375	ug/l #	70
38) Carbon Tetrachloride	5.556	117	10485	7.794	ug/l #	14
39) Methylcyclohexane	7.385	83	2113	1.198	ug/l #	72
40) Benzene	6.037	78	8162	1.984	ug/l #	86
44) Trichloroethene	7.135	130	379	0.331	ug/l	50
49) 1,4-Dioxane	7.720	88	19	0.718	ug/l #	12
51) 4-Methyl-2-Pentanone	8.574	43	1140	0.739	ug/l	88
52) Toluene	8.714	92	7062	2.708	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	303	0.333	ug/l #	63
59) 2-Hexanone	9.439	43	1080	0.959	ug/l	86
64) Tetrachloroethene	9.275	164	790	0.907	ug/l #	76
65) Chlorobenzene	10.079	112	838	0.323	ug/l #	86
67) Ethyl Benzene	10.195	91	133058	28.873	ug/l	99
68) m/p-Xylenes	10.299	106	172203	96.179	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

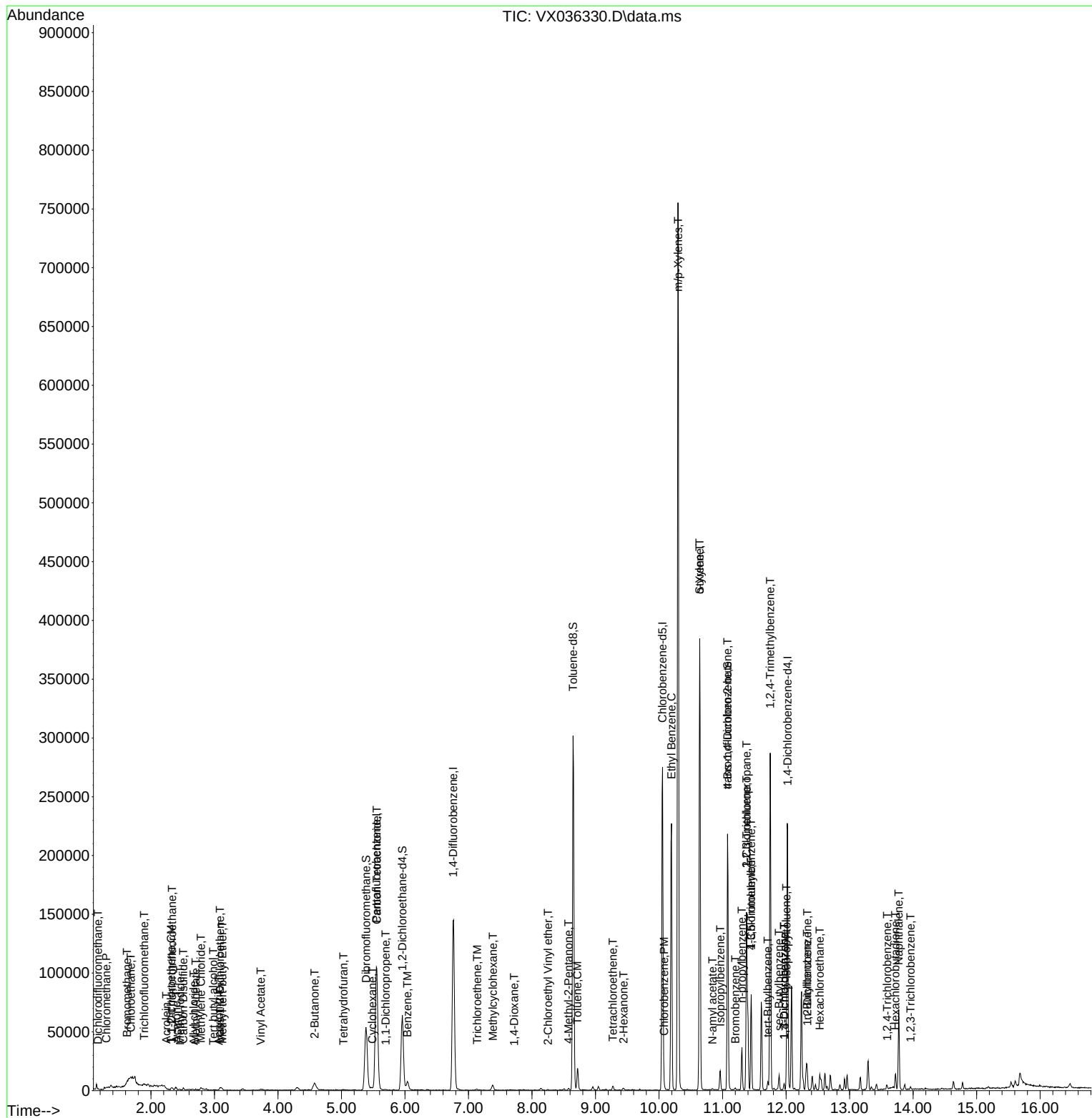
69) o-Xylene	10.640	106	81647	47.222	ug/l	97
70) Styrene	10.640	104	4879	1.723	ug/l #	1
73) Isopropylbenzene	10.963	105	8513	2.414	ug/l	95
74) N-amyl acetate	10.841	43	361	0.259	ug/l #	66
76) 1,2,3-Trichloropropane	11.378	75	1024	1.026	ug/l #	1
77) Bromobenzene	11.201	156	304	0.351	ug/l	93
78) n-propylbenzene	11.305	91	21102	5.124	ug/l	99
79) 2-Chlorotoluene	11.378	91	13745	5.610	ug/l #	48
80) 1,3,5-Trimethylbenzene	11.451	105	32323	10.823	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	28943	94.520	ug/l #	5
82) 4-Chlorotoluene	11.451	91	5157	1.808	ug/l #	62
83) tert-Butylbenzene	11.713	119	2587	0.904	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	121532	41.131	ug/l	96
85) sec-Butylbenzene	11.890	105	6729	1.856	ug/l	98
86) p-Isopropyltoluene	12.006	119	4915	1.615	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	964	0.605	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	964	0.594	ug/l	95
89) n-Butylbenzene	12.329	91	7767	2.868	ug/l #	80
90) Hexachloroethane	12.530	117	1441	3.126	ug/l #	36
91) 1,2-Dichlorobenzene	12.335	146	668	0.426	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	947	0.979	ug/l	88
94) Hexachlorobutadiene	13.719	225	1913	4.831	ug/l	97
95) Naphthalene	13.774	128	41583	13.017	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	599	0.635	ug/l	97

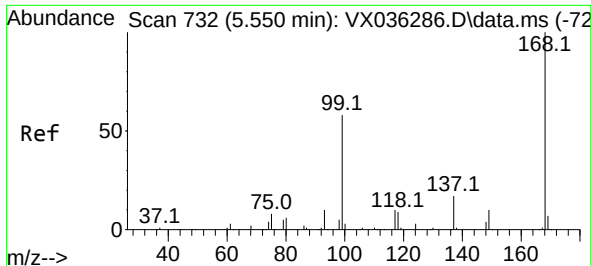
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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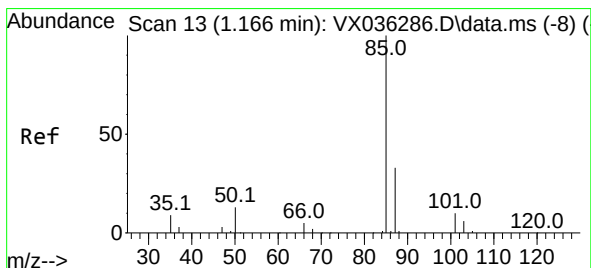
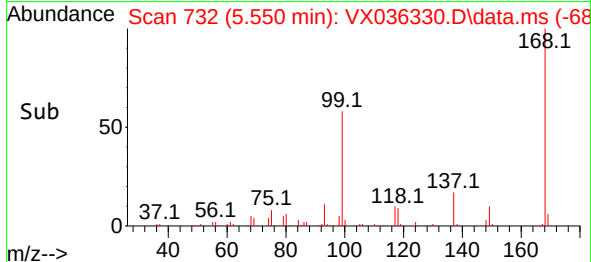
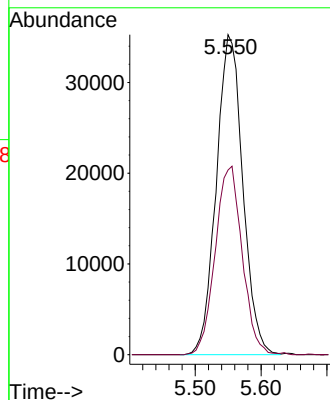
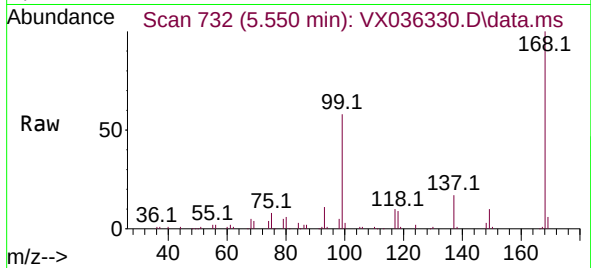




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

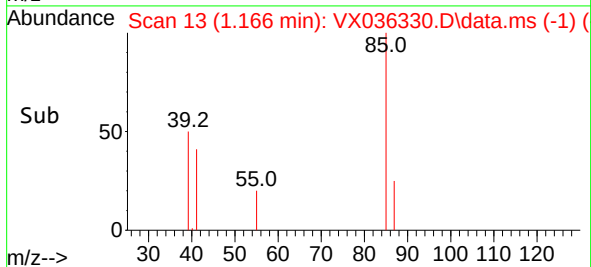
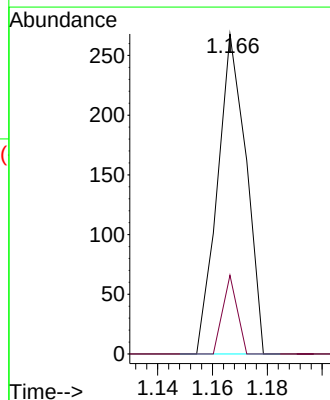
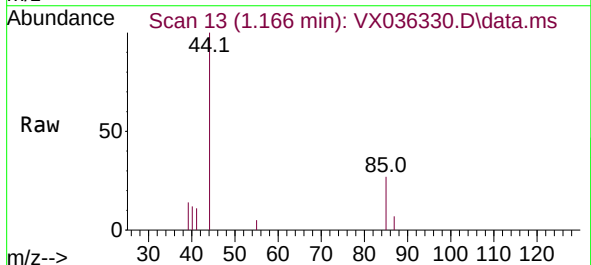
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

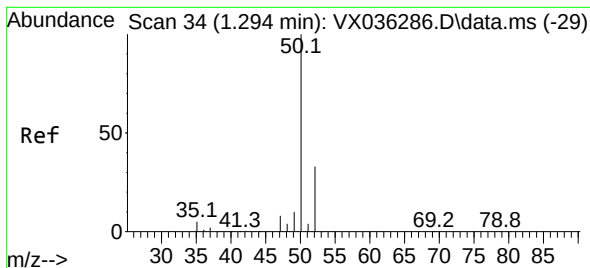
Tgt Ion:168 Resp: 98880
Ion Ratio Lower Upper
168 100
99 57.7 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.207 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion: 85 Resp: 194
Ion Ratio Lower Upper
85 100
87 24.6 16.7 50.1





#3

Chloromethane

Concen: 0.259 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

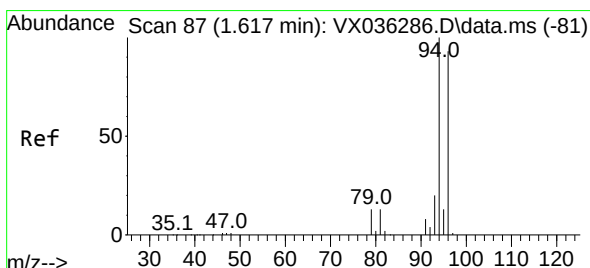
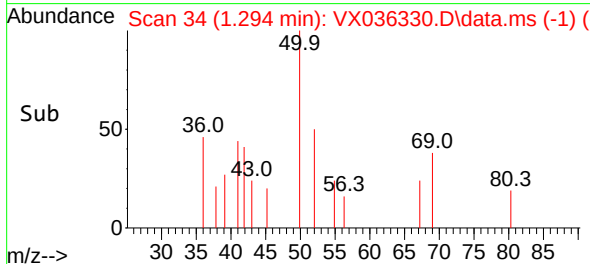
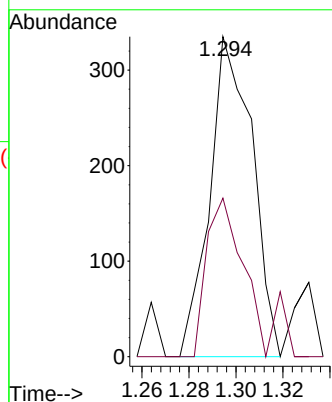
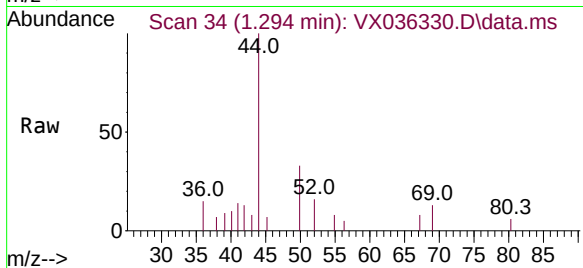
MW-08DL

Tgt Ion: 50 Resp: 421

Ion Ratio Lower Upper

50 100

52 49.6 25.5 38.3#



#5

Bromomethane

Concen: 0.473 ug/l

RT: 1.624 min Scan# 88

Delta R.T. 0.007 min

Lab File: VX036330.D

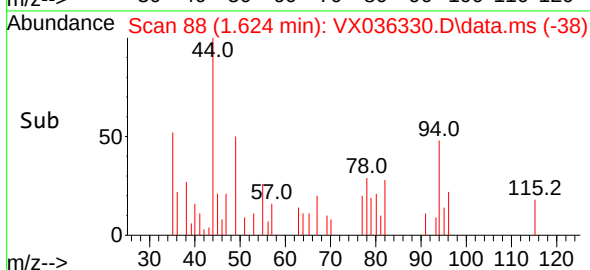
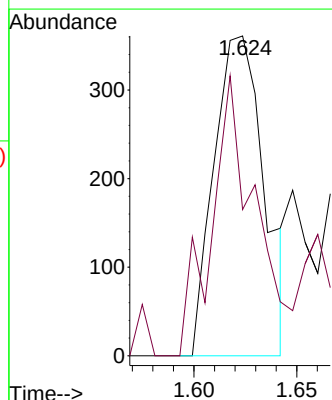
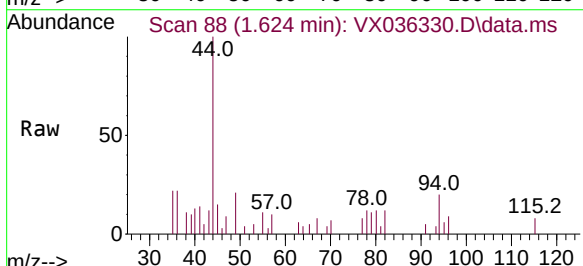
Acq: 26 Jun 2023 15:10

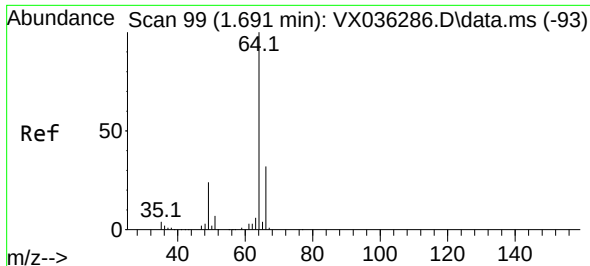
Tgt Ion: 94 Resp: 615

Ion Ratio Lower Upper

94 100

96 45.7 74.6 111.8#

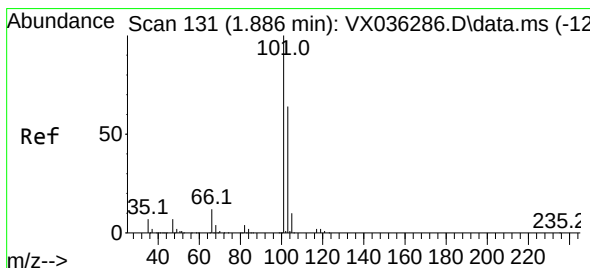
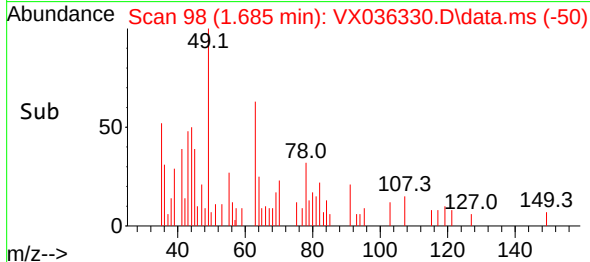
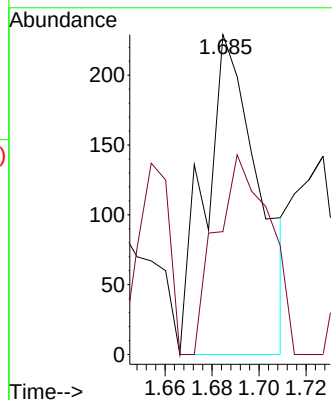
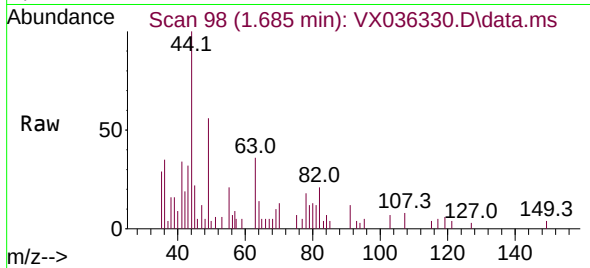




#6
Chloroethane
Concen: 0.279 ug/l
RT: 1.685 min Scan# 99
Delta R.T. -0.005 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

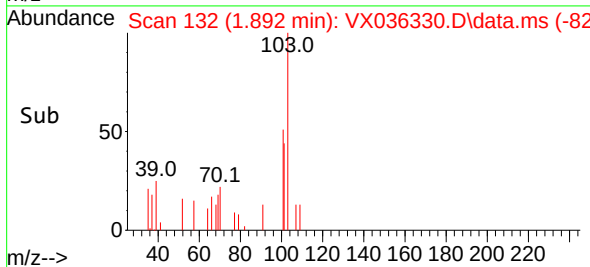
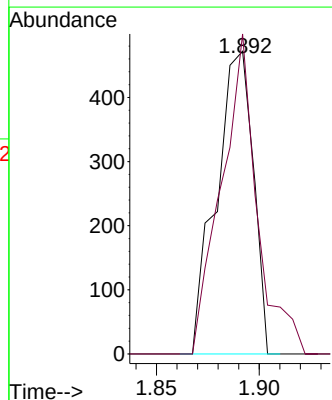
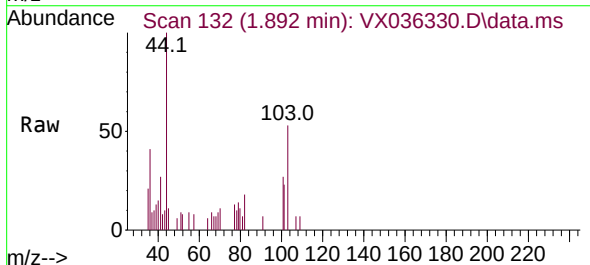
Instrument :
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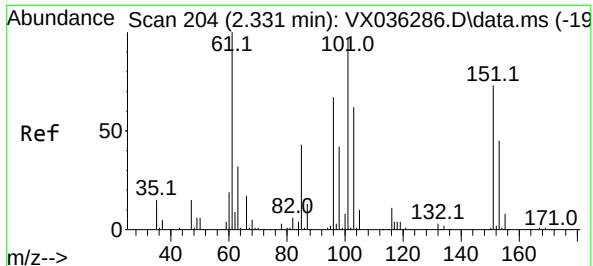
Tgt Ion: 64 Resp: 363
Ion Ratio Lower Upper
64 100
66 38.4 25.1 37.7#



#7
Trichlorofluoromethane
Concen: 0.219 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion: 101 Resp: 591
Ion Ratio Lower Upper
101 100
103 105.7 51.4 77.2#

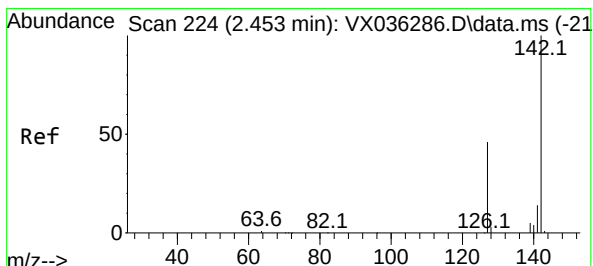
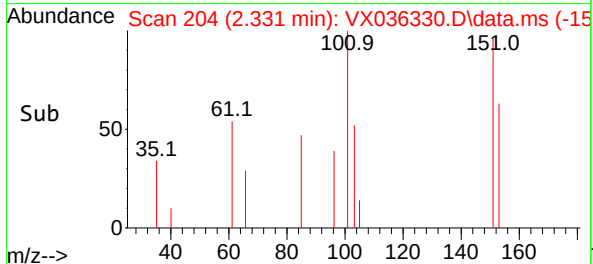
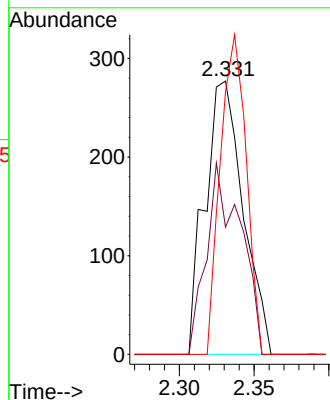
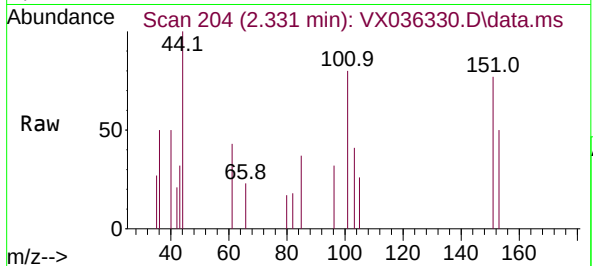




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.434 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

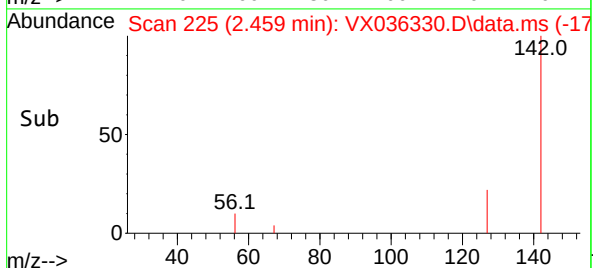
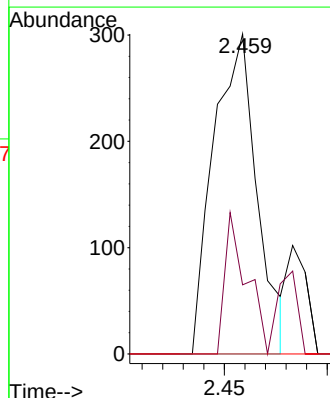
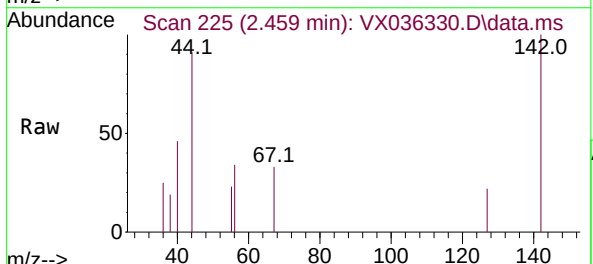
Instrument :
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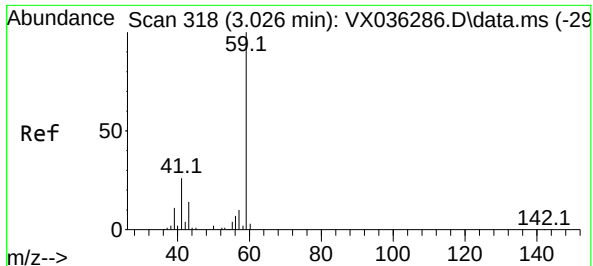
Tgt Ion:101 Resp: 492
Ion Ratio Lower Upper
101 100
85 62.6 37.0 55.6#
151 79.5 58.6 87.8



#10
Methyl Iodide
Concen: 0.323 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.007 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion:142 Resp: 443
Ion Ratio Lower Upper
142 100
127 22.1 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 0.640 ug/l

RT: 2.983 min Scan# 311

Delta R.T. -0.030 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

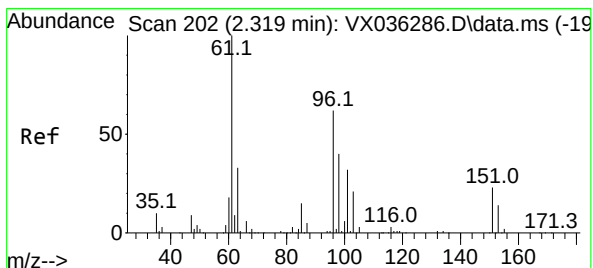
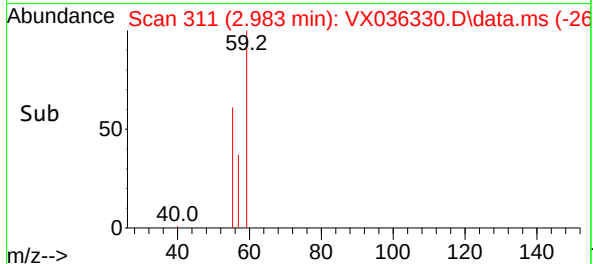
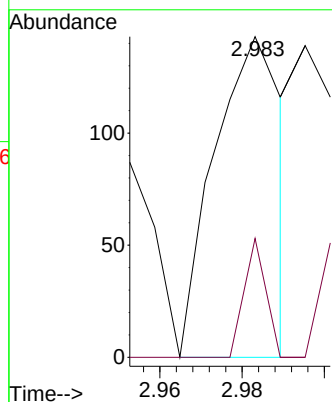
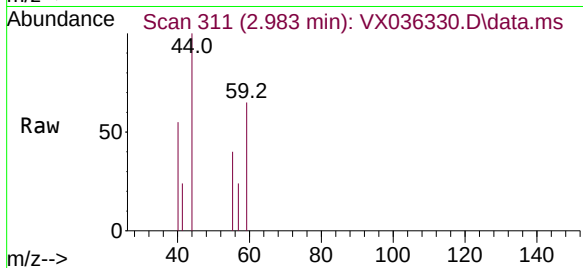
MW-08DL

Tgt Ion: 59 Resp: 165

Ion Ratio Lower Upper

59 100

57 11.5 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.206 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

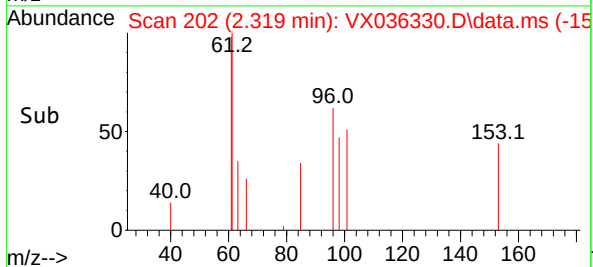
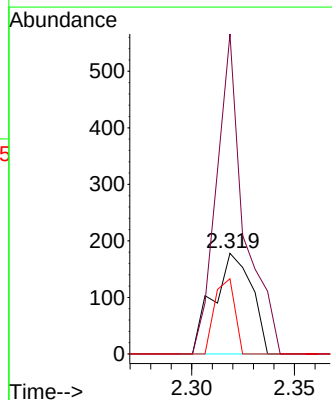
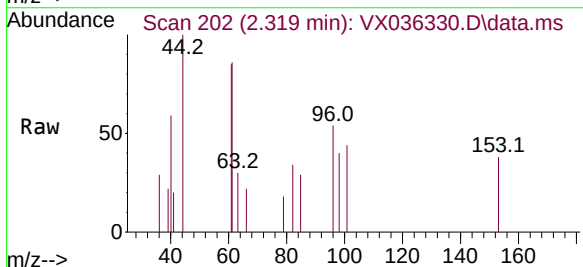
Tgt Ion: 96 Resp: 232

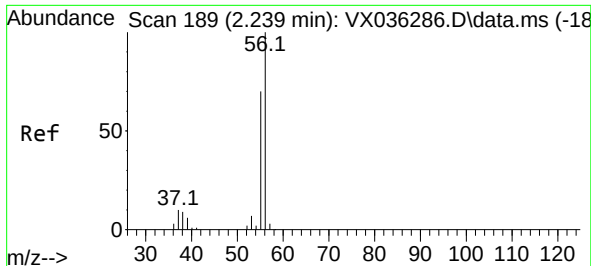
Ion Ratio Lower Upper

96 100

61 318.0 144.6 216.8#

98 74.7 50.4 75.6





#13

Acrolein

Concen: 1.039 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

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ClientSampleId :

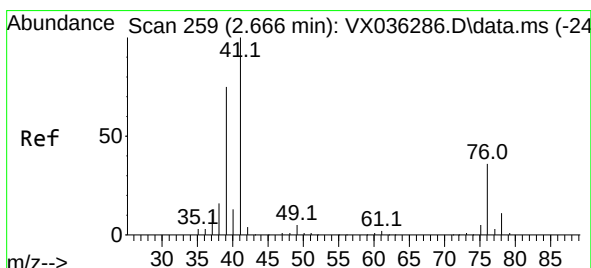
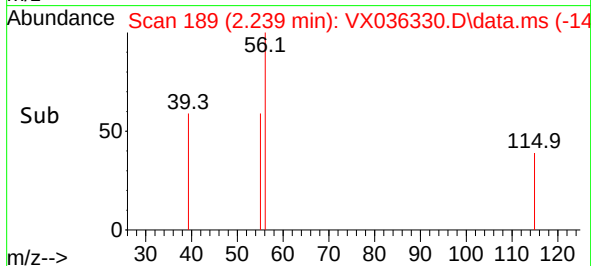
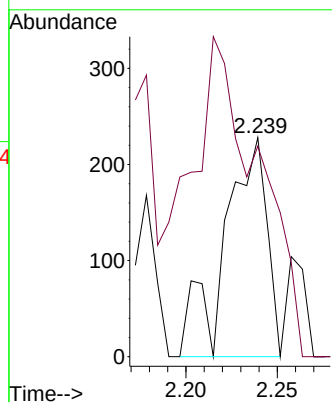
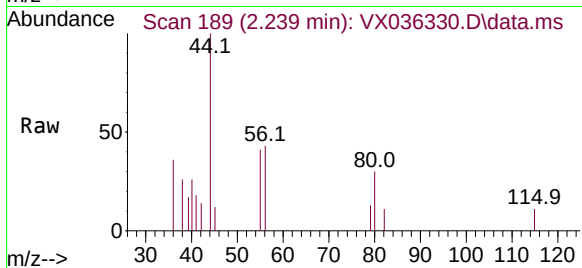
MW-08DL

Tgt Ion: 56 Resp: 368

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#14

Allyl chloride

Concen: 0.245 ug/l

RT: 2.672 min Scan# 260

Delta R.T. 0.006 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

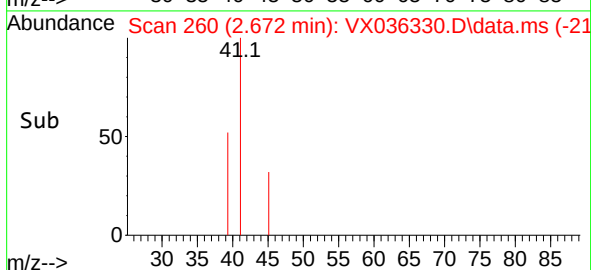
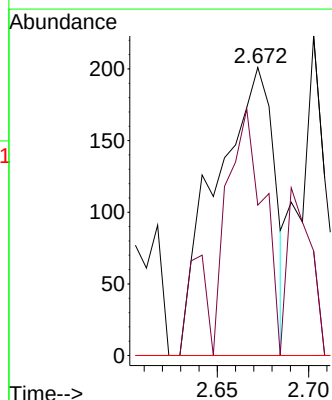
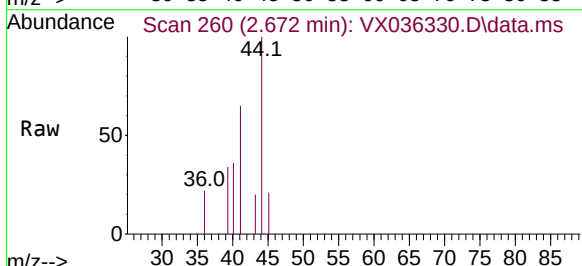
Tgt Ion: 41 Resp: 447

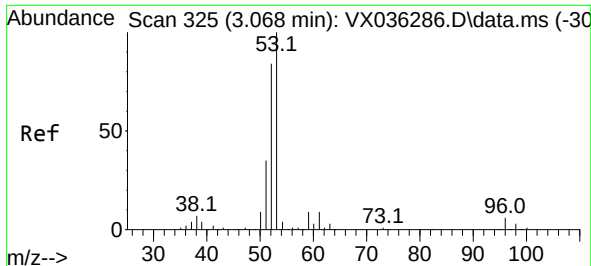
Ion Ratio Lower Upper

41 100

39 63.8 55.8 83.6

76 0.0 24.3 36.5#

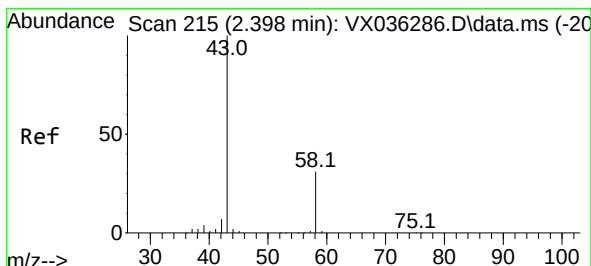
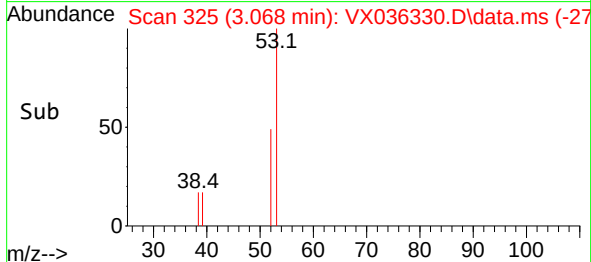
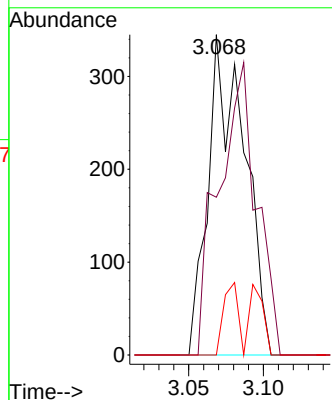
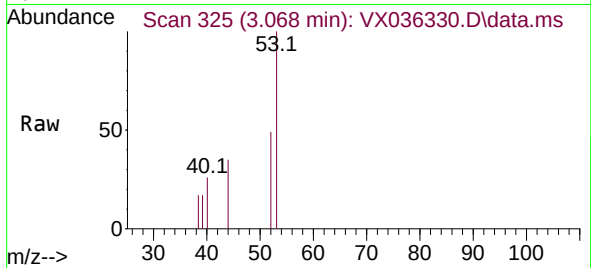




#15
Acrylonitrile
Concen: 0.890 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

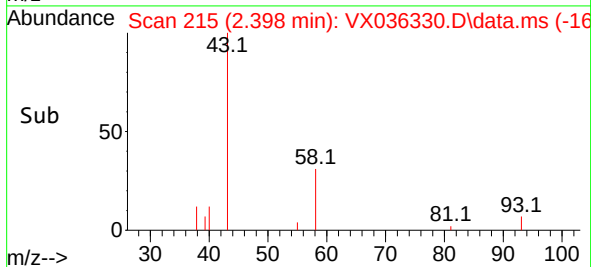
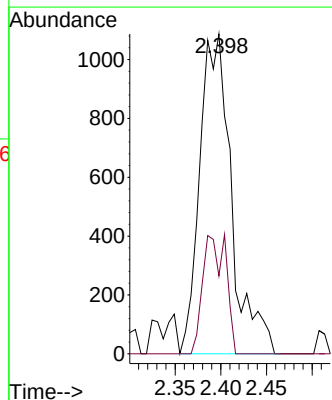
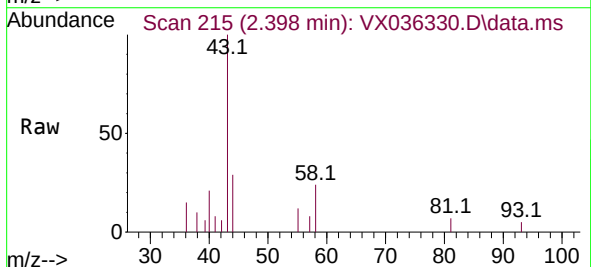
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

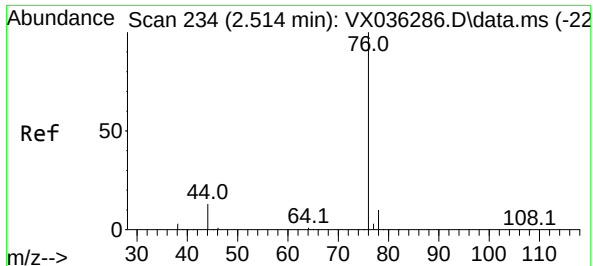
Tgt Ion: 53 Resp: 582
Ion Ratio Lower Upper
53 100
52 0.0 66.0 99.0#
51 8.9 29.8 44.6#



#16
Acetone
Concen: 4.316 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion: 43 Resp: 2615
Ion Ratio Lower Upper
43 100
58 24.4 21.9 32.9

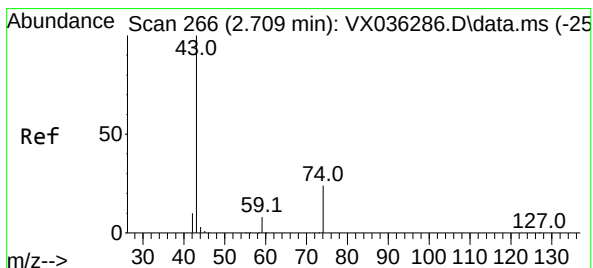
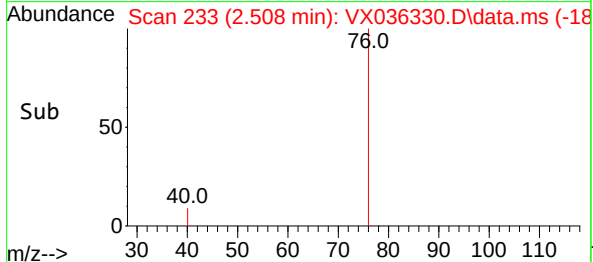
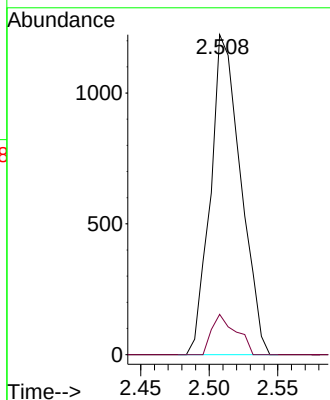
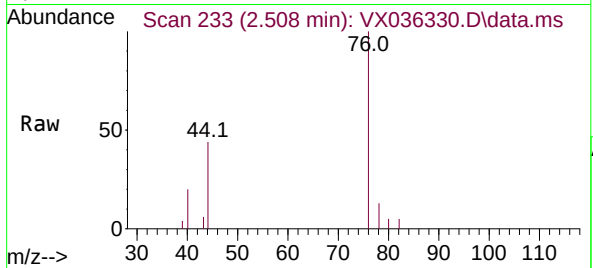




#17
Carbon Disulfide
Concen: 0.681 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

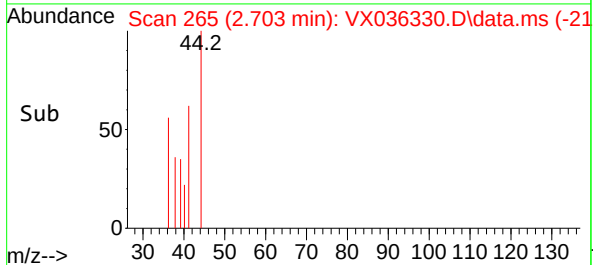
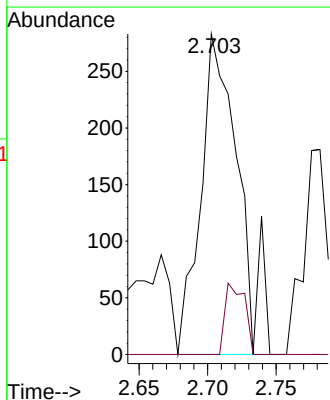
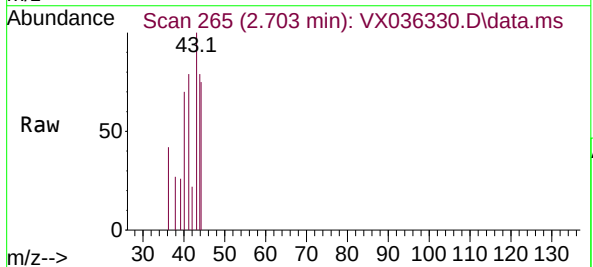
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

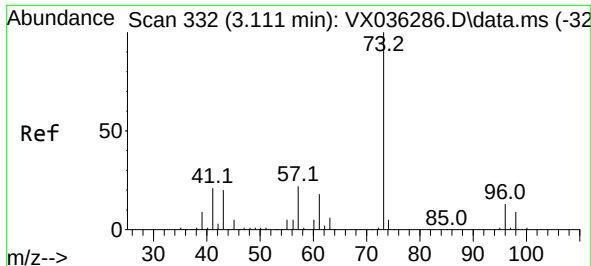
Tgt Ion: 76 Resp: 1880
Ion Ratio Lower Upper
76 100
78 12.6 7.0 10.6#



#18
Methyl Acetate
Concen: 0.220 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
74 11.3 17.8 26.8#

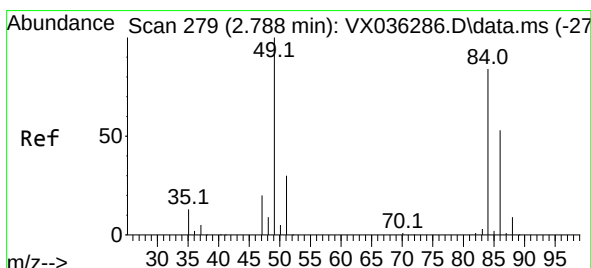
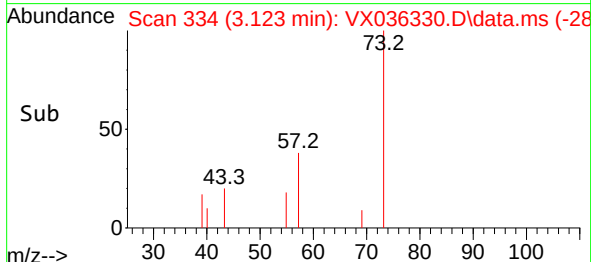
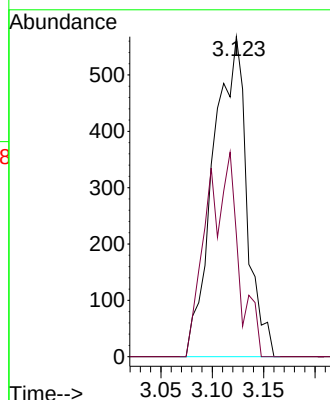
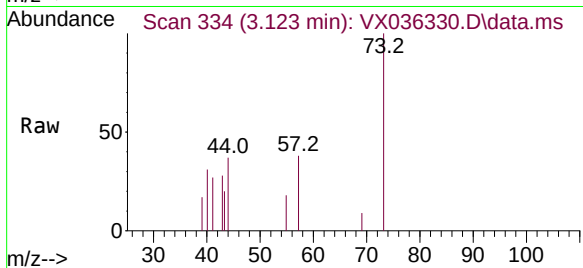




#19
Methyl tert-butyl Ether
Concen: 0.355 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

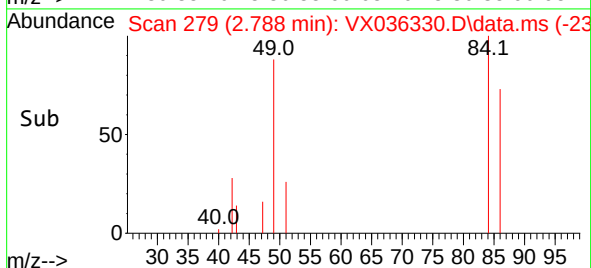
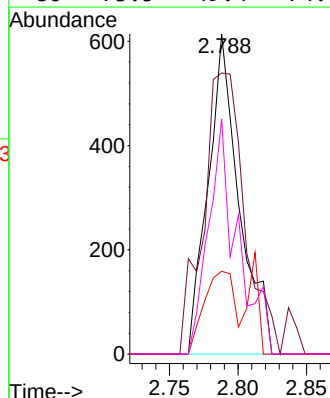
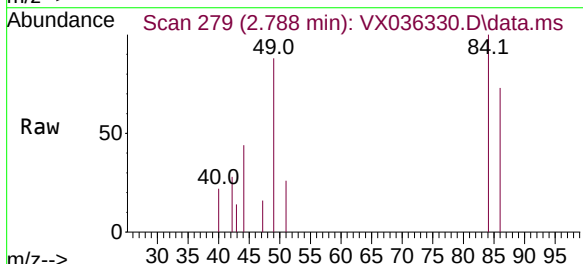
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

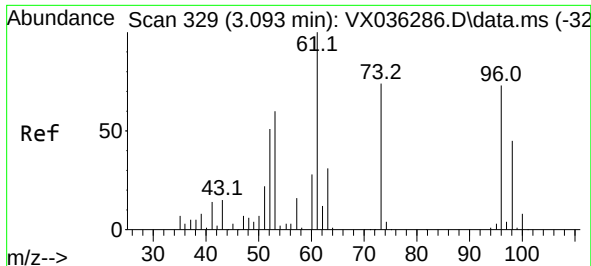
Tgt Ion: 73 Resp: 1289
Ion Ratio Lower Upper
73 100
57 38.2 17.3 25.9#



#20
Methylene Chloride
Concen: 0.746 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion: 84 Resp: 973
Ion Ratio Lower Upper
84 100
49 87.8 103.6 155.4#
51 25.9 33.8 50.6#
86 73.5 49.4 74.0

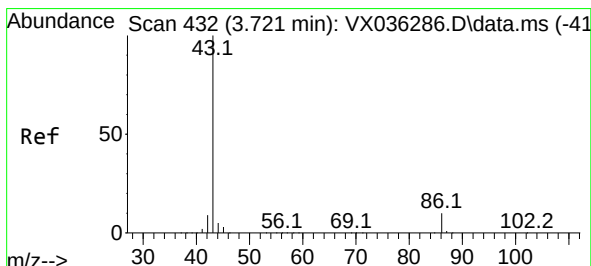
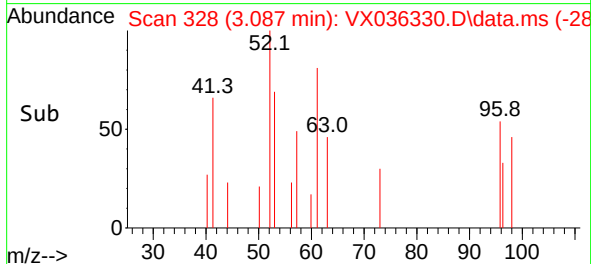
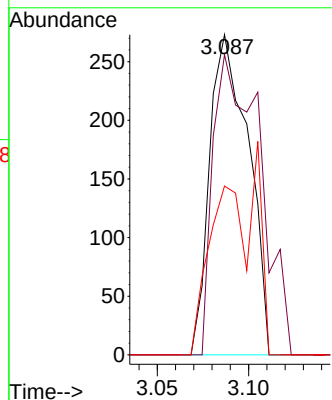
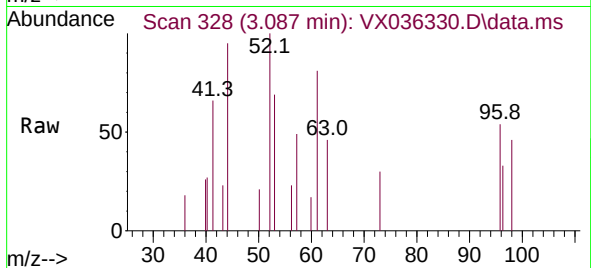




#21
trans-1,2-Dichloroethene
Concen: 0.335 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

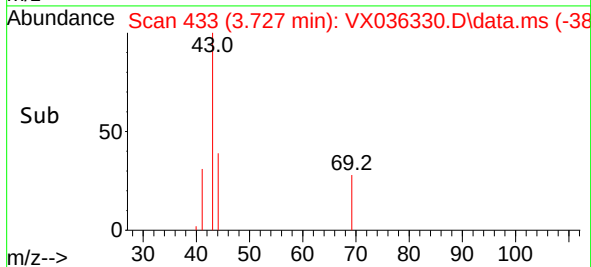
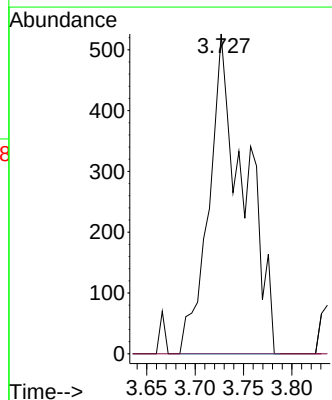
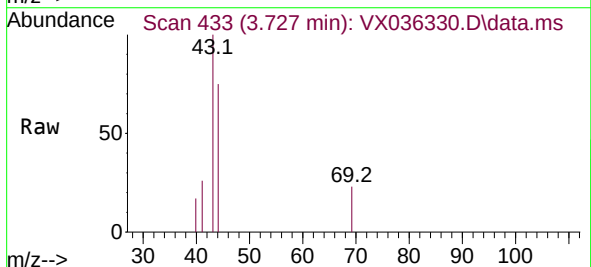
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

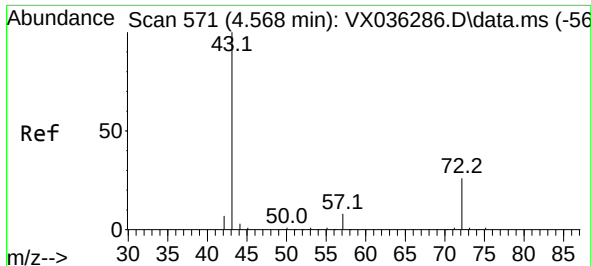
Tgt Ion: 96 Resp: 402
Ion Ratio Lower Upper
96 100
61 93.8 119.2 178.8#
98 52.7 48.7 73.1



#23
Vinyl Acetate
Concen: 0.505 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion: 43 Resp: 1342
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.8#





#25

2-Butanone

Concen: 1.622 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

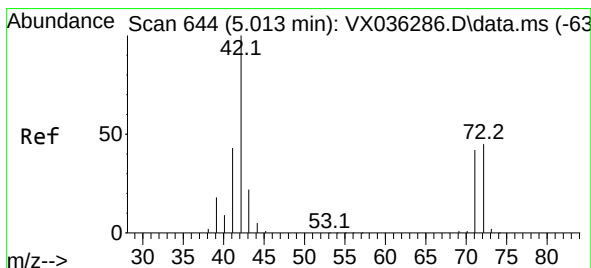
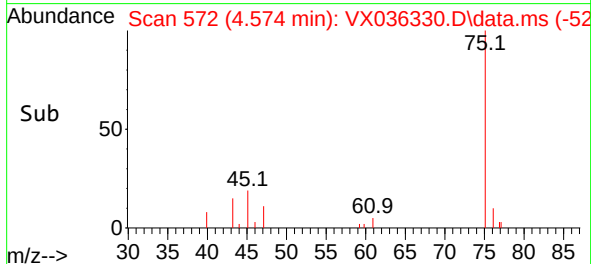
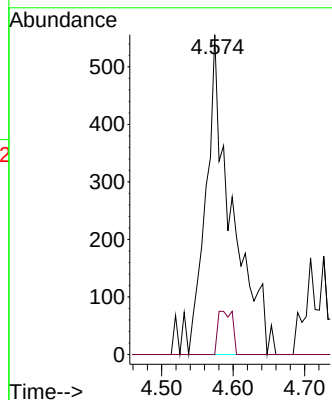
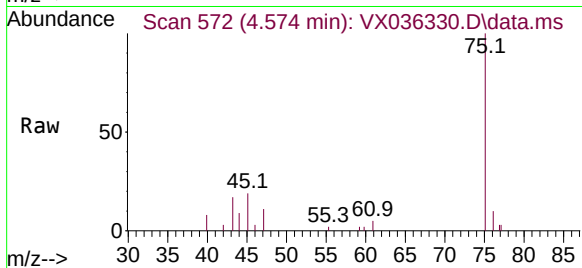
MW-08DL

Tgt Ion: 43 Resp: 1412

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#29

Tetrahydrofuran

Concen: 1.097 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.013 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

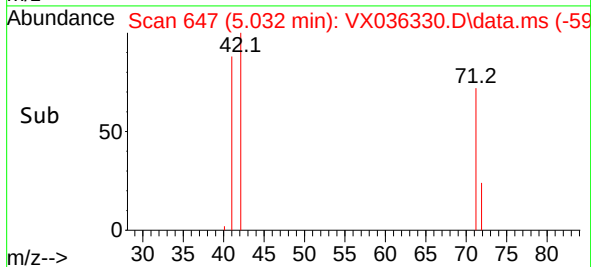
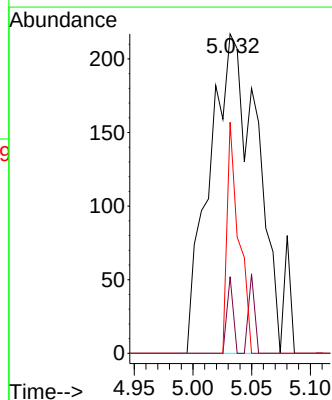
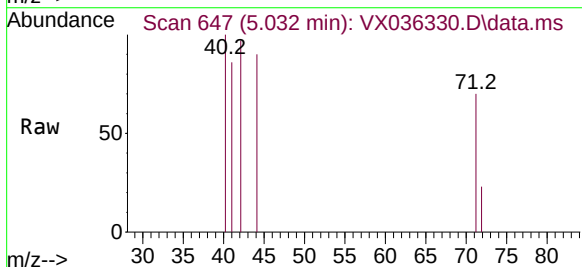
Tgt Ion: 42 Resp: 608

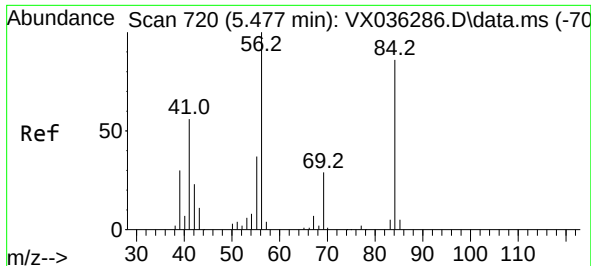
Ion Ratio Lower Upper

42 100

72 3.1 34.2 51.4#

71 18.1 32.2 48.2#

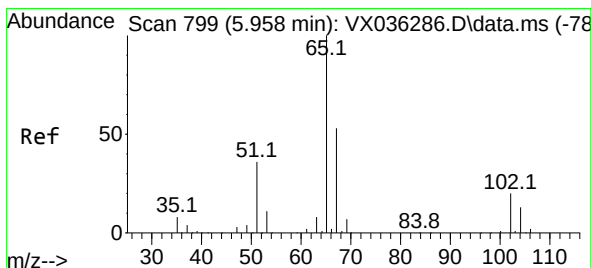
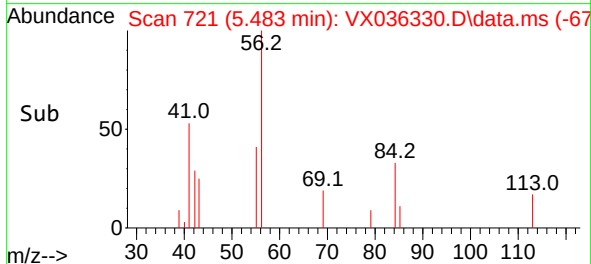
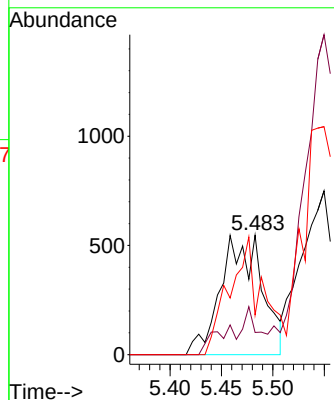
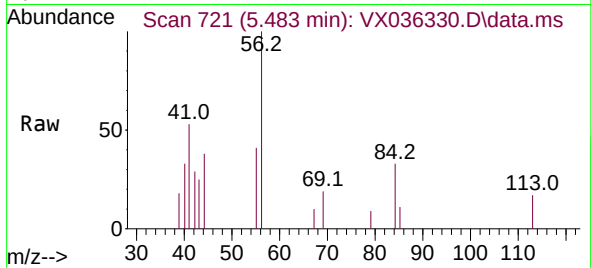




#31
Cyclohexane
Concen: 0.840 ug/l
RT: 5.483 min Scan# 720
Delta R.T. 0.013 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

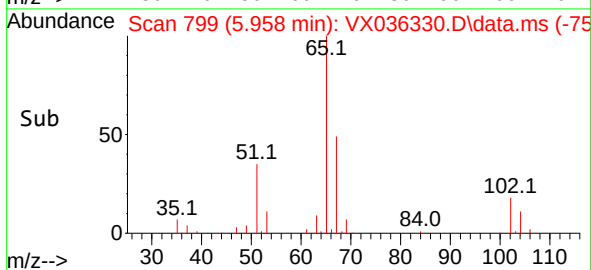
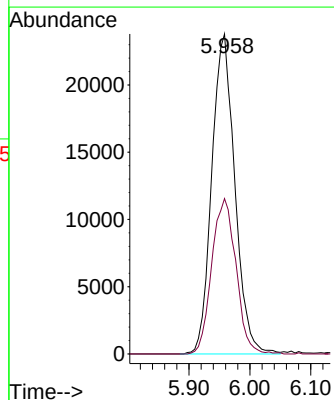
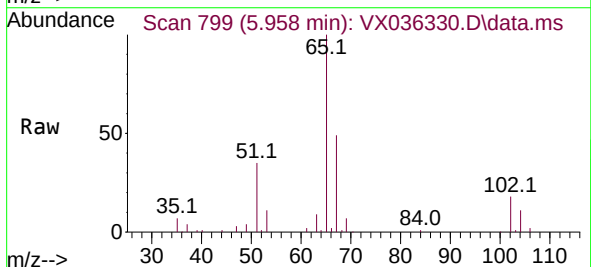
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

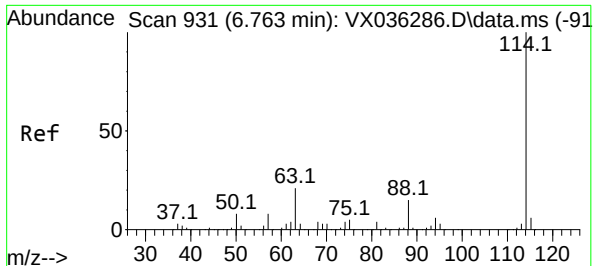
Tgt Ion: 56 Resp: 1525
Ion Ratio Lower Upper
56 100
69 18.6 23.4 35.2#
84 33.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.120 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion: 65 Resp: 62535
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

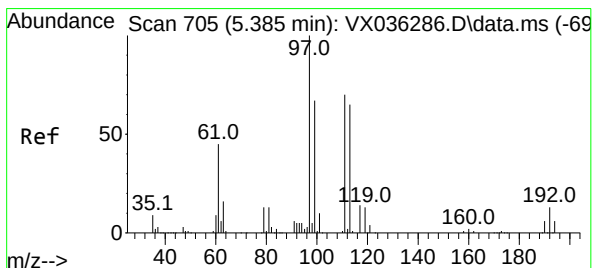
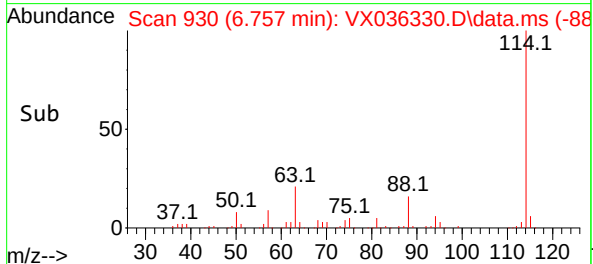
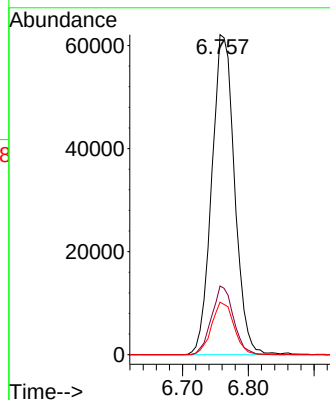
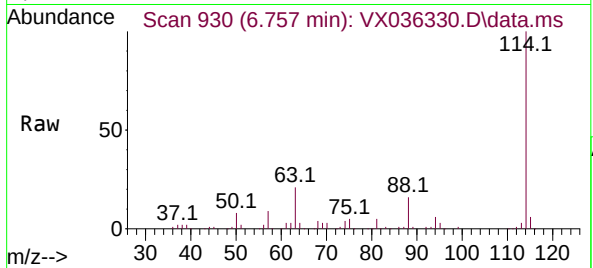




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

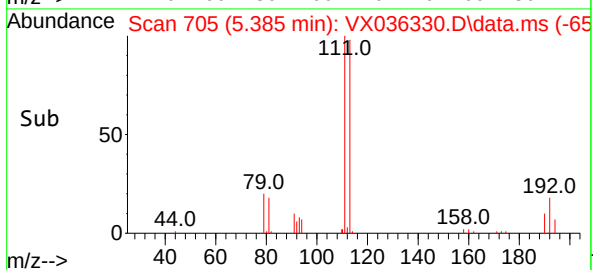
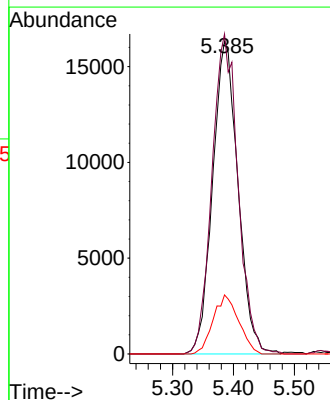
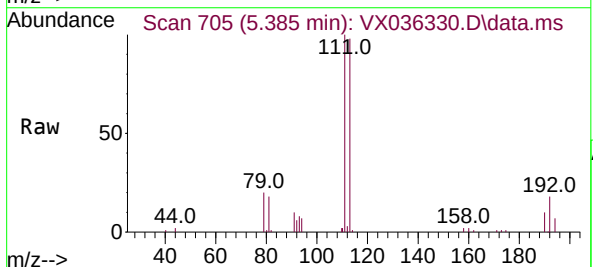
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

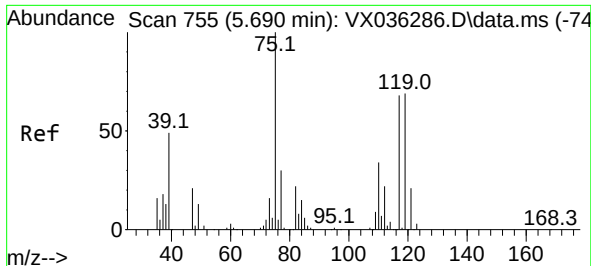
Tgt Ion:114 Resp: 149854
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.849 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion:113 Resp: 47279
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 19.0 13.3 19.9

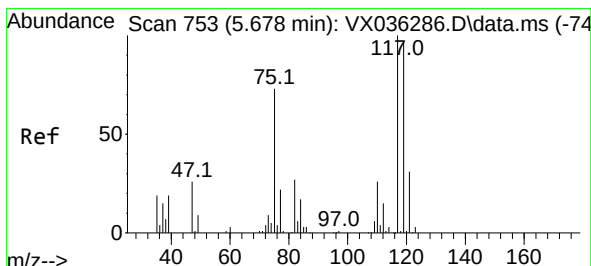
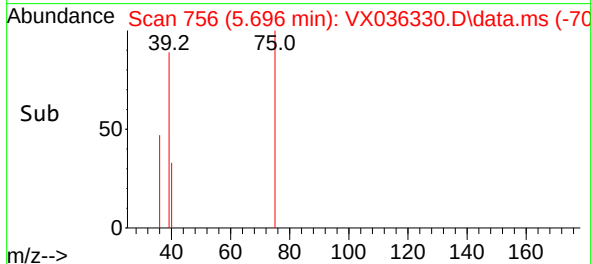
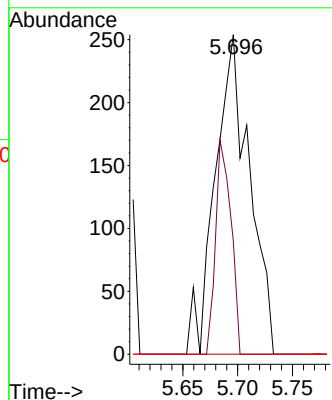
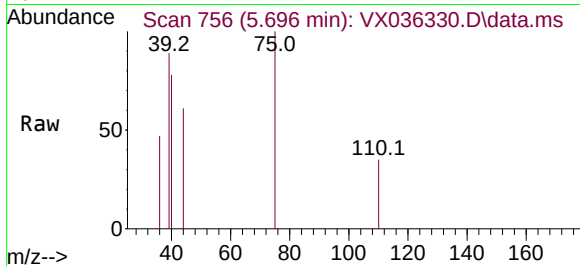




#36
1,1-Dichloropropene
Concen: 0.375 ug/l
RT: 5.696 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

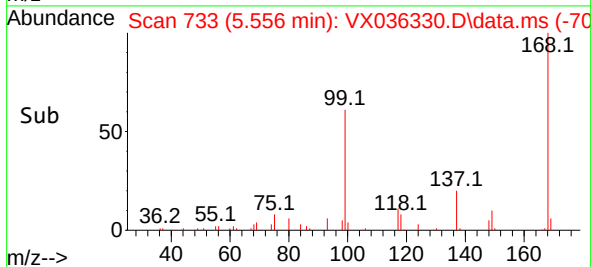
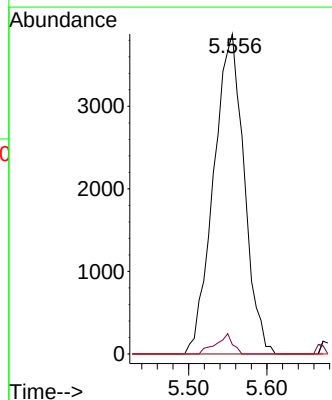
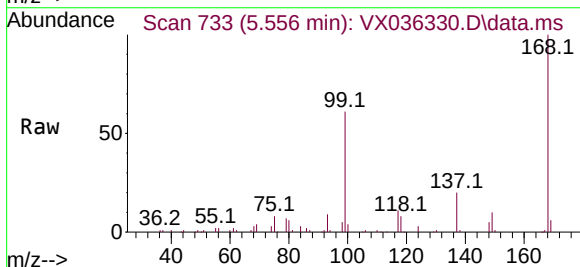
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

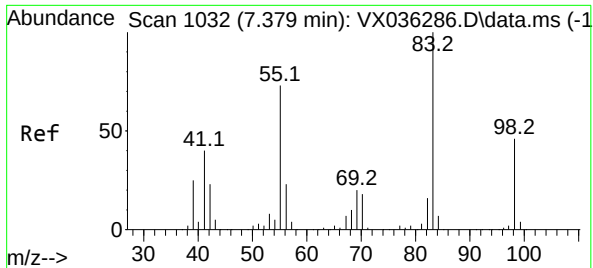
Tgt Ion: 75 Resp: 552
Ion Ratio Lower Upper
75 100
110 30.1 17.0 50.9
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.794 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion: 117 Resp: 10485
Ion Ratio Lower Upper
117 100
119 2.9 78.2 117.2#
121 0.0 24.4 36.6#

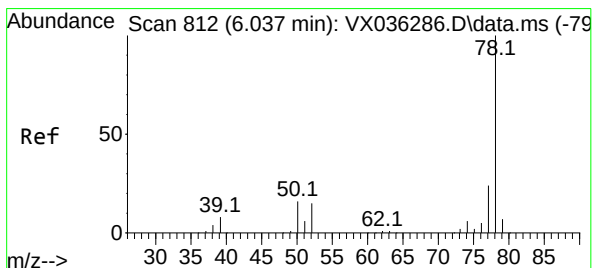
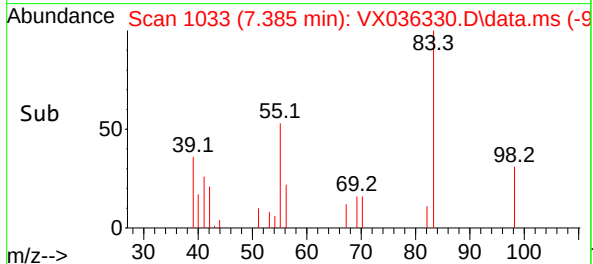
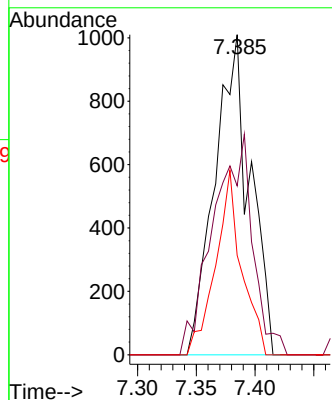
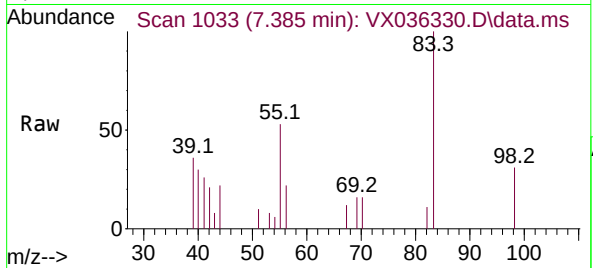




#39
Methylcyclohexane
Concen: 1.198 ug/l
RT: 7.385 min Scan# 10
Delta R.T. 0.007 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

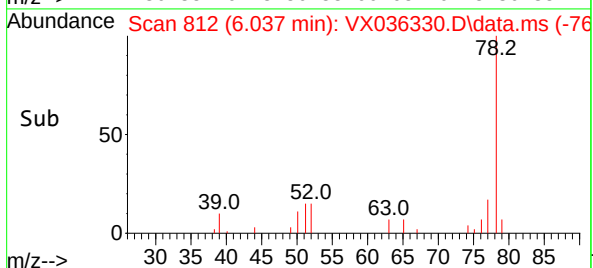
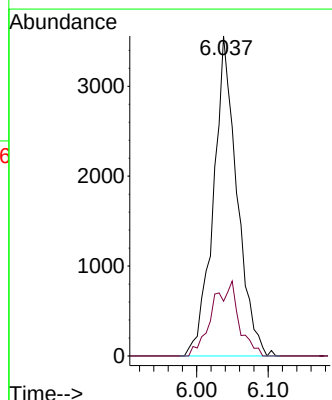
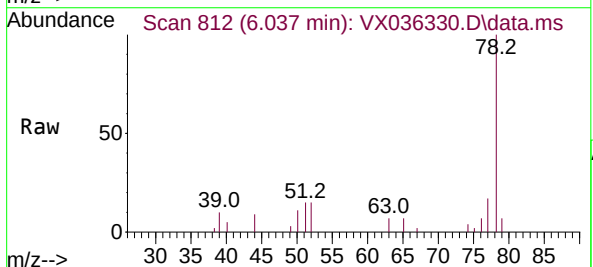
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

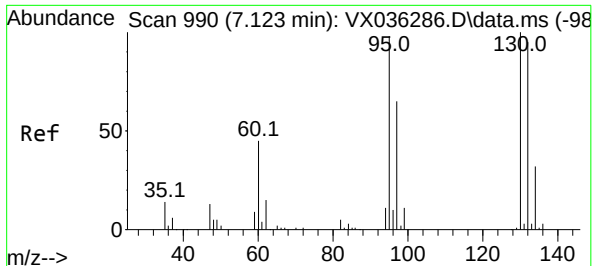
Tgt Ion: 83 Resp: 2113
Ion Ratio Lower Upper
83 100
55 52.8 64.6 97.0#
98 31.1 36.7 55.1#



#40
Benzene
Concen: 1.984 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion: 78 Resp: 8162
Ion Ratio Lower Upper
78 100
77 17.1 19.3 28.9#

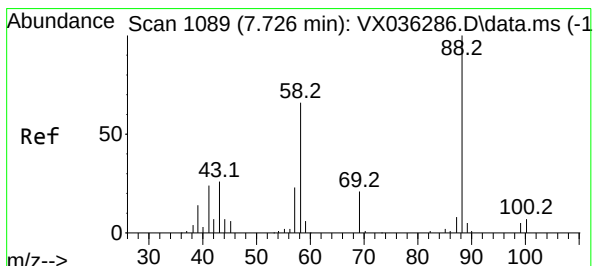
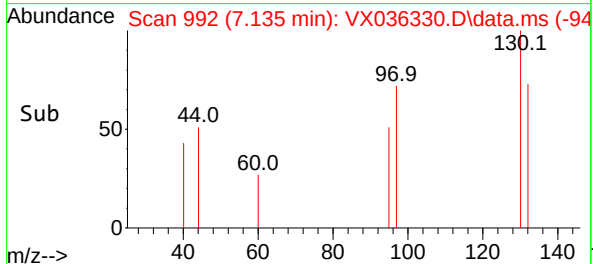
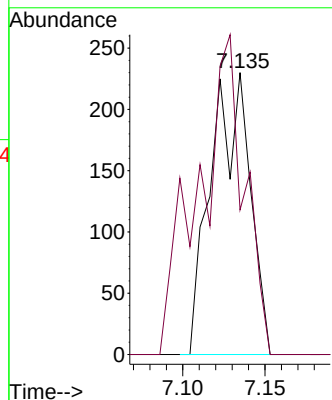
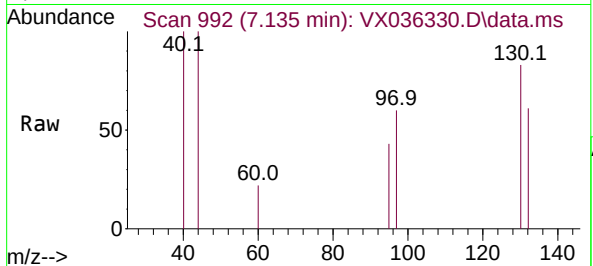




#44
 Trichloroethene
 Concen: 0.331 ug/l
 RT: 7.135 min Scan# 991
 Delta R.T. 0.013 min
 Lab File: VX036330.D
 Acq: 26 Jun 2023 15:10

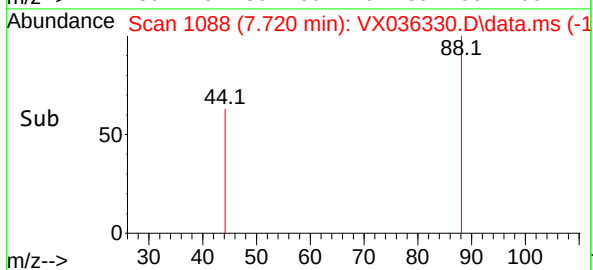
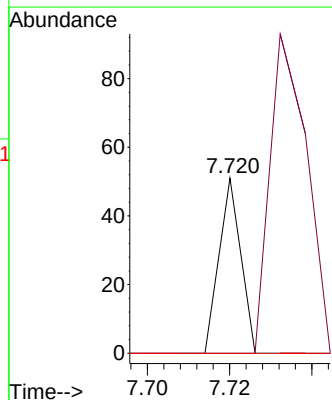
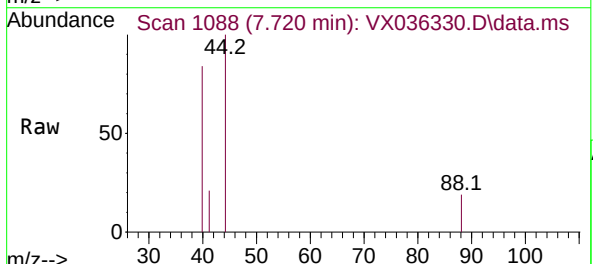
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08DL

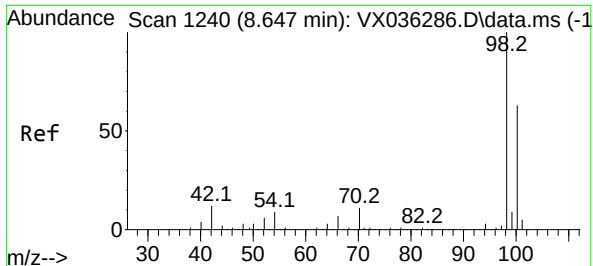
Tgt Ion:130 Resp: 379
 Ion Ratio Lower Upper
 130 100
 95 51.3 0.0 204.4



#49
 1,4-Dioxane
 Concen: 0.718 ug/l
 RT: 7.720 min Scan# 1088
 Delta R.T. -0.012 min
 Lab File: VX036330.D
 Acq: 26 Jun 2023 15:10

Tgt Ion: 88 Resp: 19
 Ion Ratio Lower Upper
 88 100
 43 300.0 0.0 0.0#
 58 0.0 60.1 90.1#

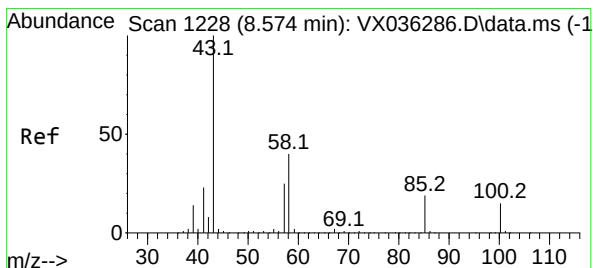
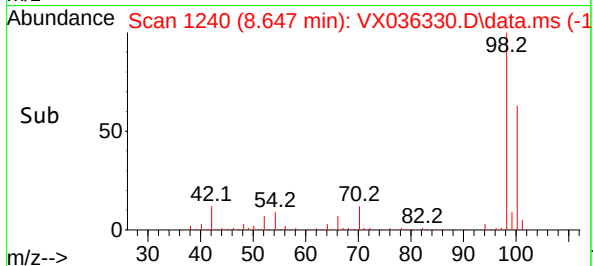
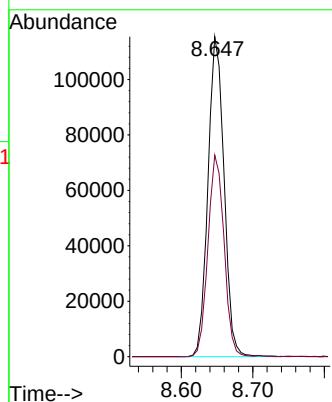
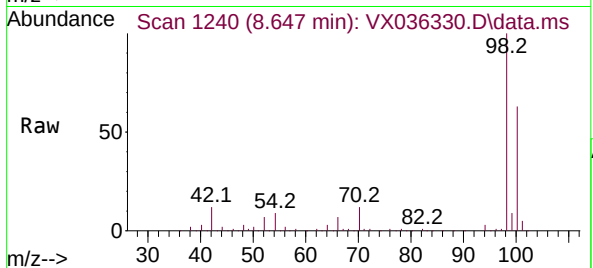




#50
Toluene-d8
Concen: 48.881 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

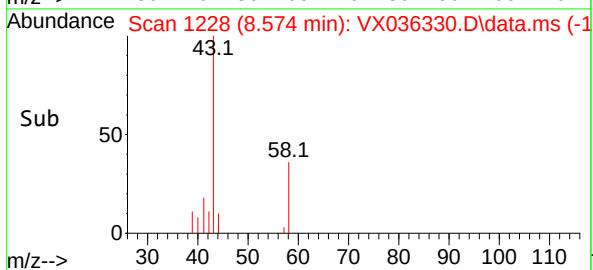
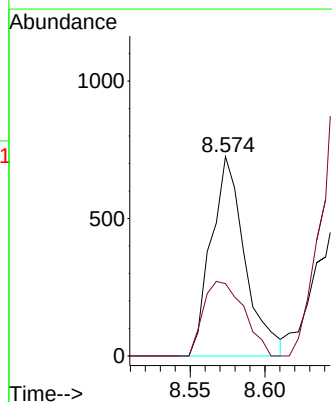
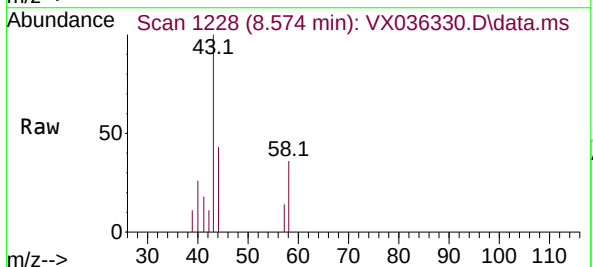
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

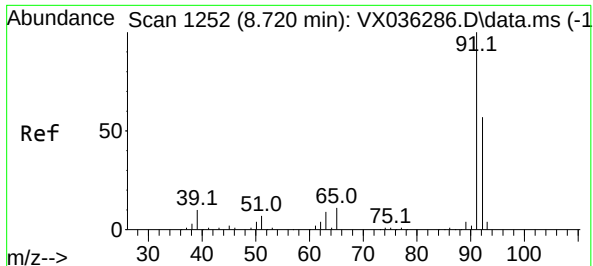
Tgt Ion: 98 Resp: 180398
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.739 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
58 45.0 30.4 45.6





#52

Toluene

Concen: 2.708 ug/l

RT: 8.714 min Scan# 1175

Delta R.T. -0.006 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

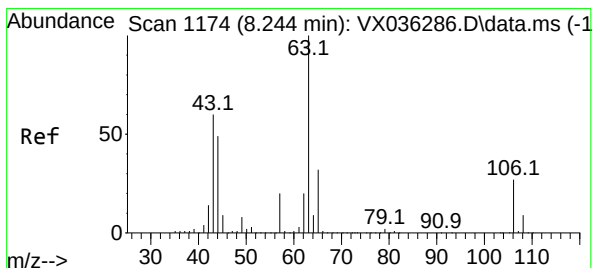
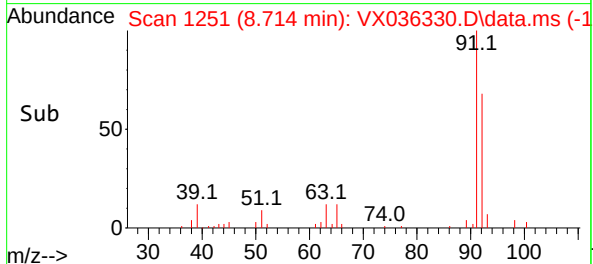
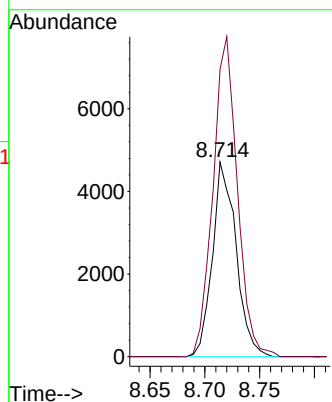
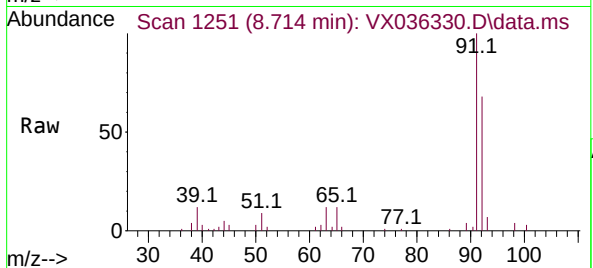
MW-08DL

Tgt Ion: 92 Resp: 7062

Ion Ratio Lower Upper

92 100

91 169.6 134.2 201.2



#58

2-Chloroethyl Vinyl ether

Concen: 0.333 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX036330.D

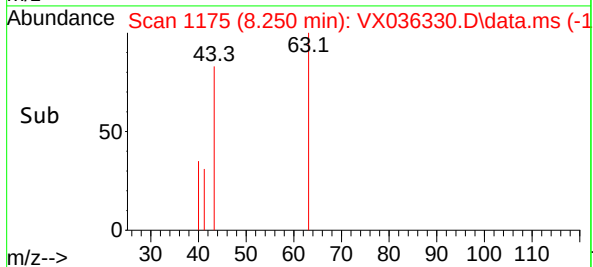
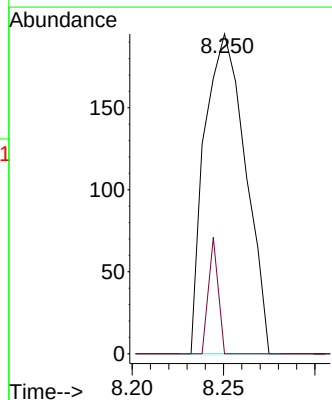
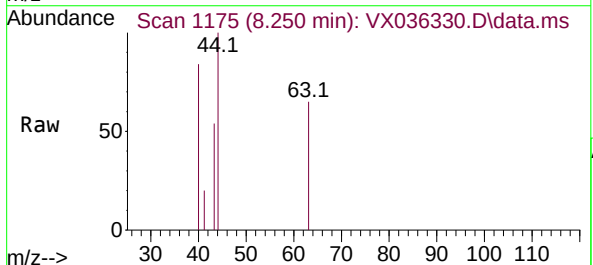
Acq: 26 Jun 2023 15:10

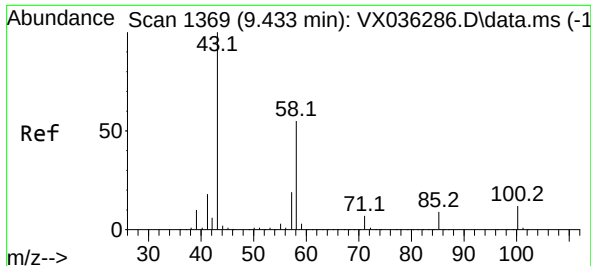
Tgt Ion: 63 Resp: 303

Ion Ratio Lower Upper

63 100

106 8.6 22.5 33.7#





#59

2-Hexanone

Concen: 0.959 ug/l

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

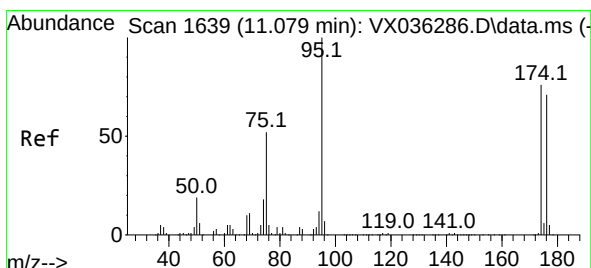
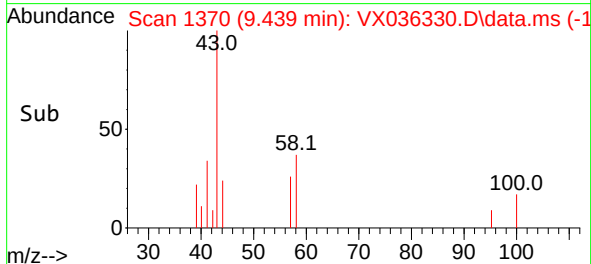
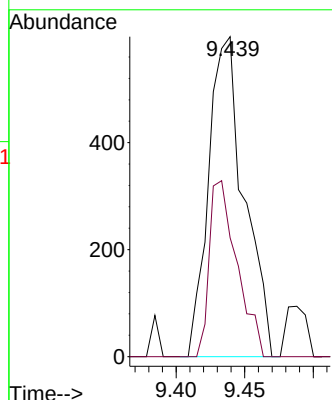
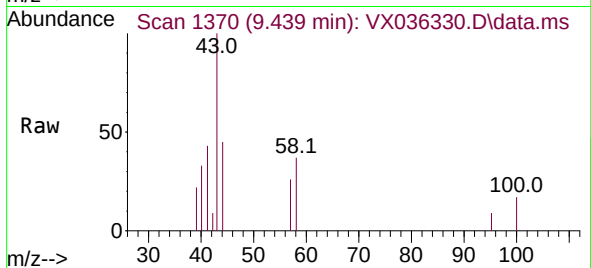
MW-08DL

Tgt Ion: 43 Resp: 1080

Ion Ratio Lower Upper

43 100

58 42.6 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 43.685 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

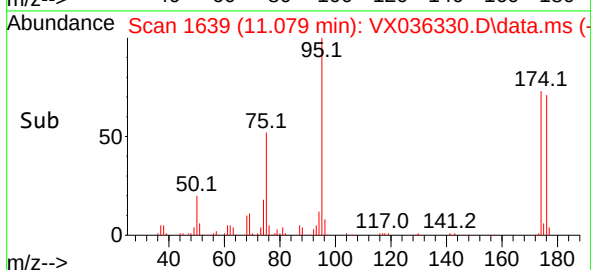
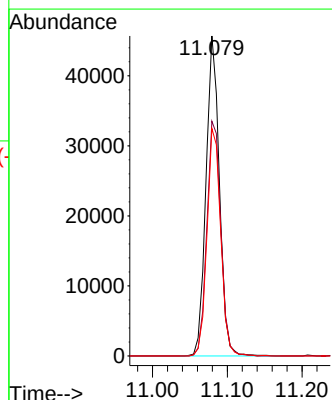
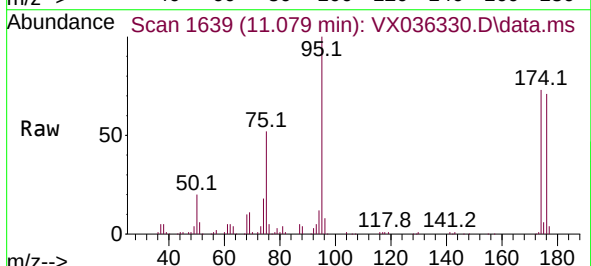
Tgt Ion: 95 Resp: 56788

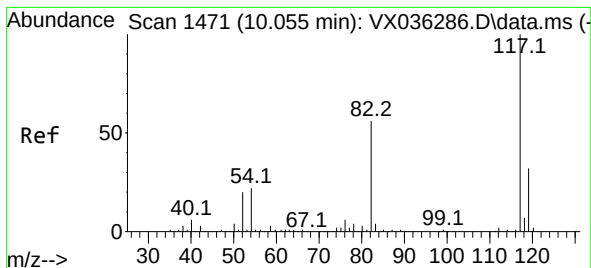
Ion Ratio Lower Upper

95 100

174 76.6 0.0 135.6

176 72.6 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: VX036330.D

Acq: 26 Jun 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

MW-08DL

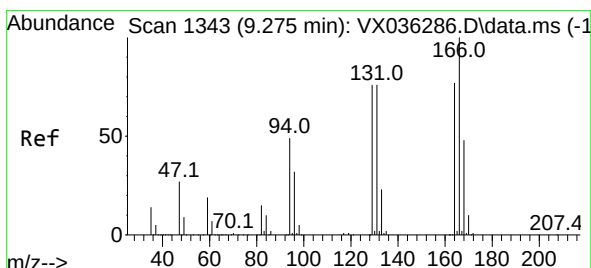
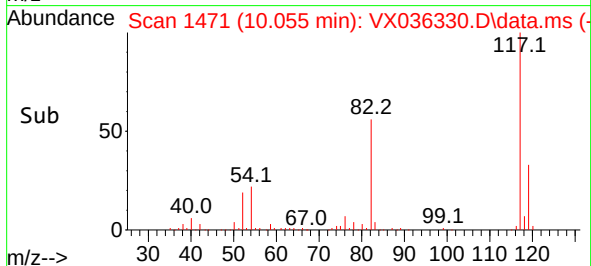
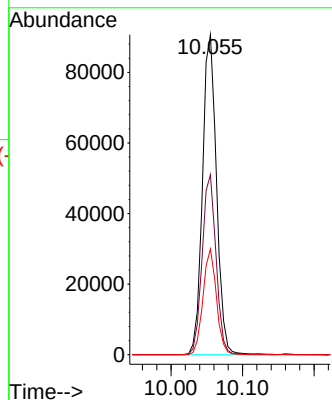
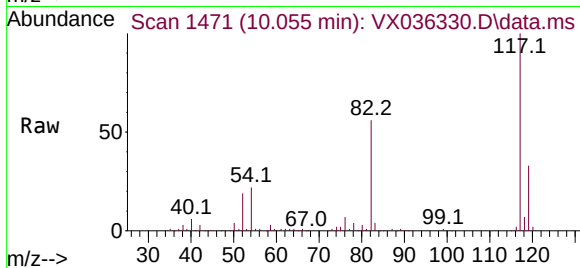
Tgt Ion:117 Resp: 123312

Ion Ratio Lower Upper

117 100

82 56.2 46.2 69.4

119 33.0 25.5 38.3



#64

Tetrachloroethene

Concen: 0.907 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.001 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

Tgt Ion:164 Resp: 790

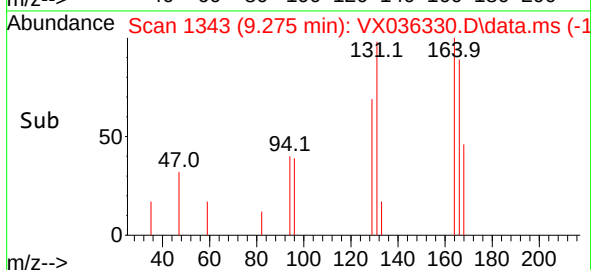
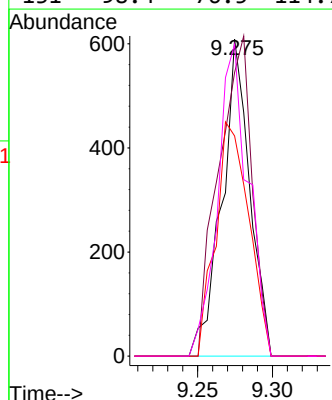
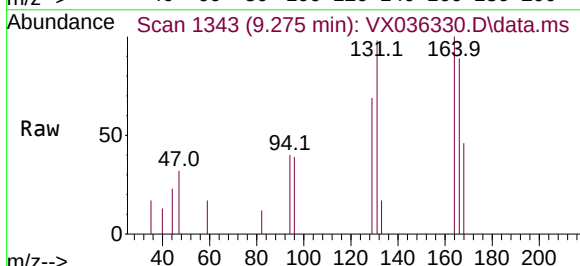
Ion Ratio Lower Upper

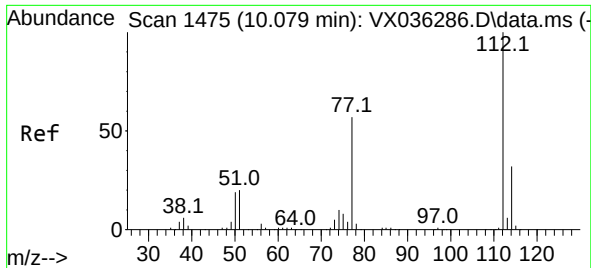
164 100

166 89.5 102.7 154.1#

129 69.5 80.4 120.6#

131 98.4 76.5 114.7

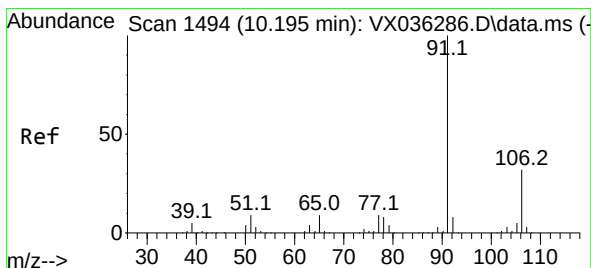
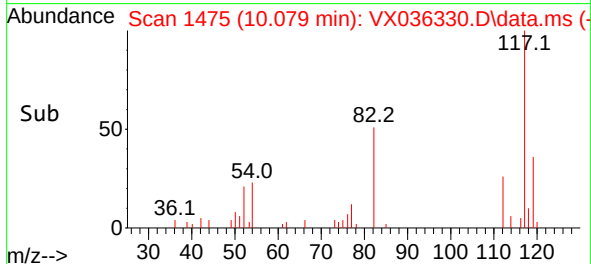
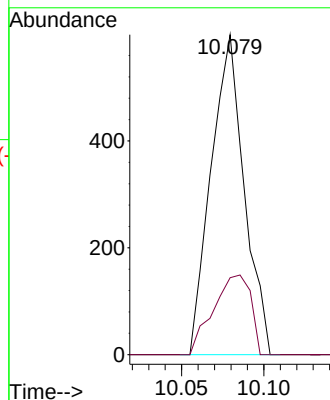
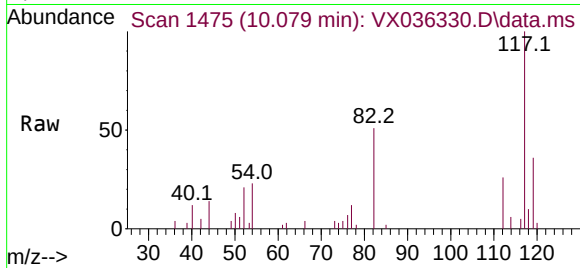




#65
Chlorobenzene
Concen: 0.323 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

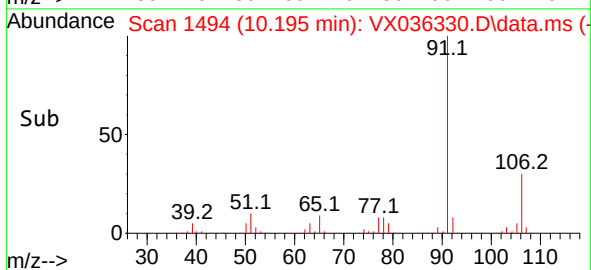
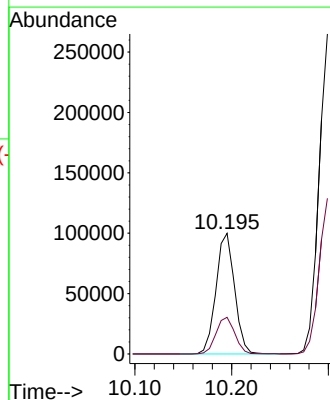
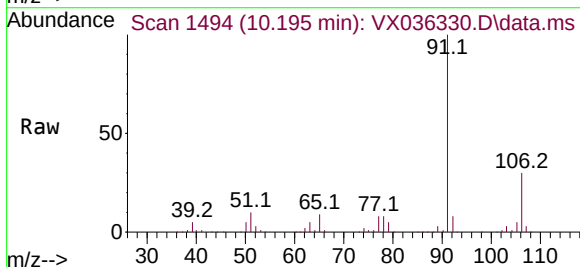
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

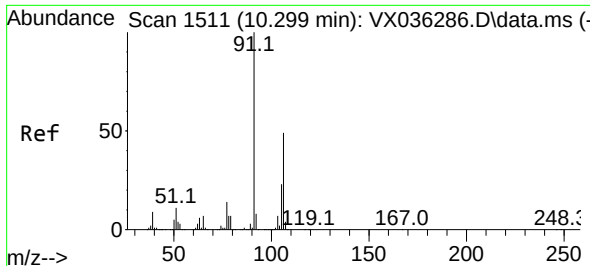
Tgt Ion:112 Resp: 838
Ion Ratio Lower Upper
112 100
114 24.0 25.7 38.5#



#67
Ethyl Benzene
Concen: 28.873 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion: 91 Resp: 133058
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

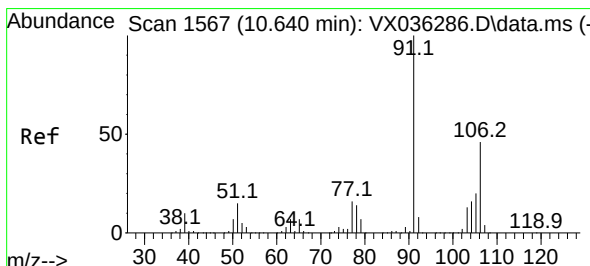
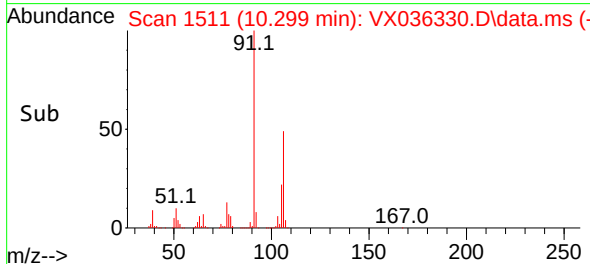
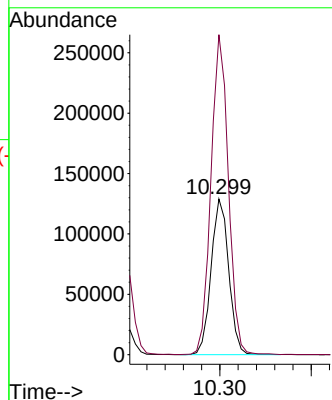
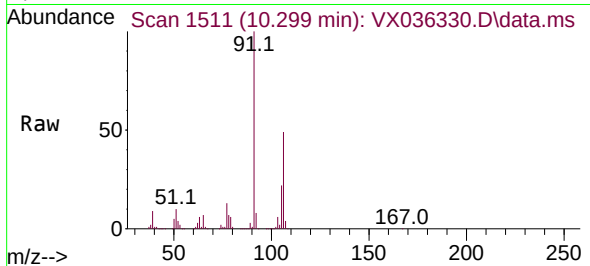




#68
m/p-Xylenes
Concen: 96.179 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

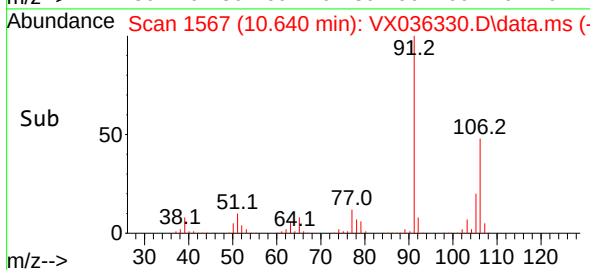
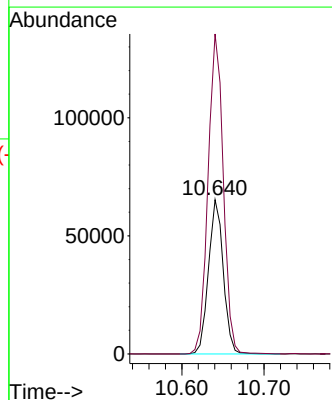
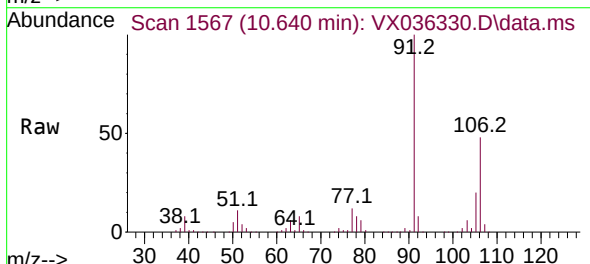
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

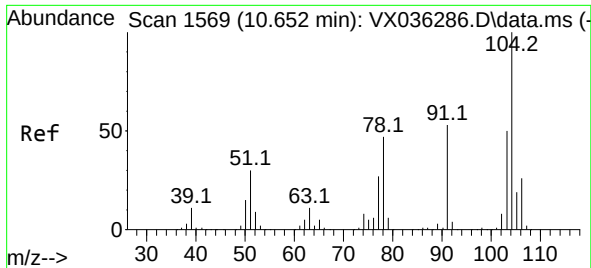
Tgt Ion:106 Resp: 172203
Ion Ratio Lower Upper
106 100
91 202.8 165.5 248.3



#69
o-Xylene
Concen: 47.222 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion:106 Resp: 81647
Ion Ratio Lower Upper
106 100
91 213.6 108.9 326.8

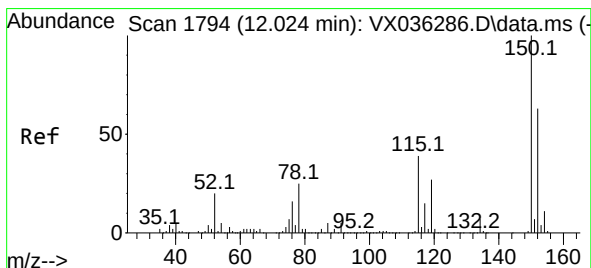
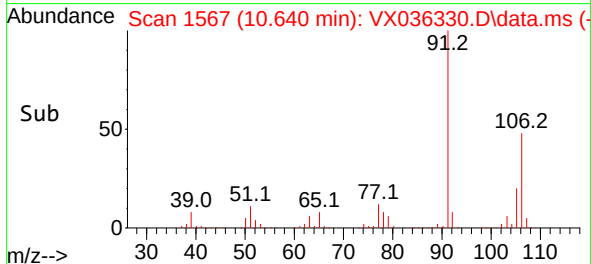
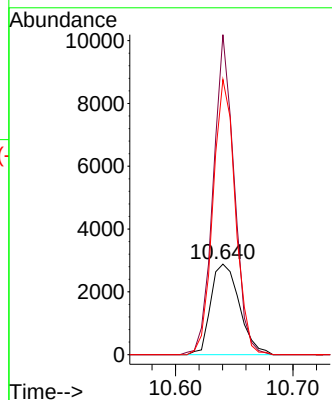
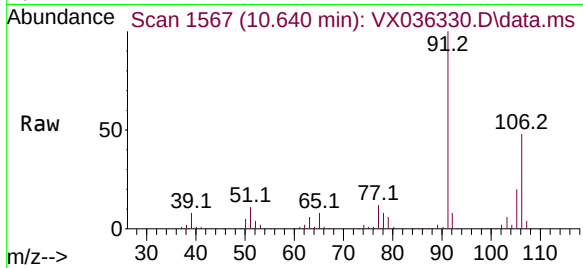




#70
Styrene
Concen: 1.723 ug/l
RT: 10.640 min Scan# 1569
Delta R.T. -0.012 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

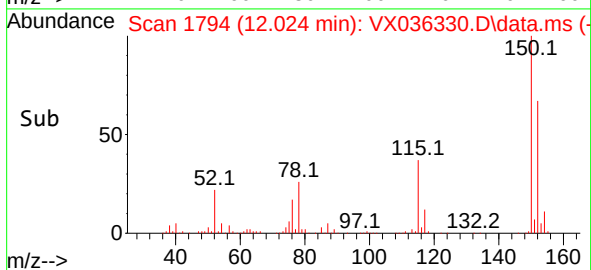
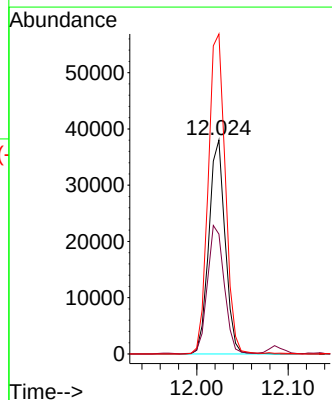
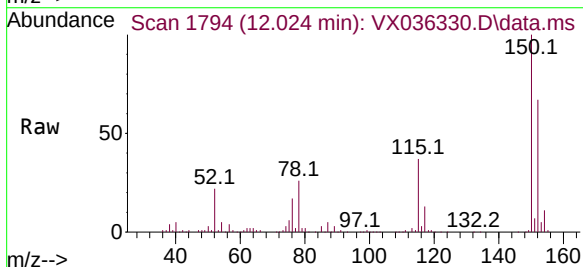
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

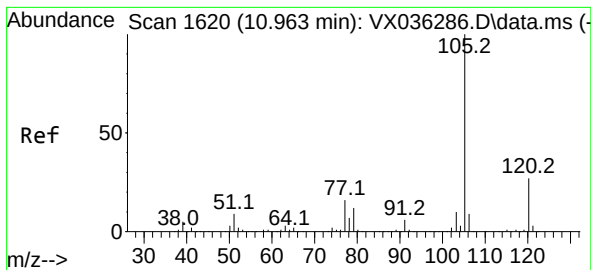
Tgt Ion:104 Resp: 4879
Ion Ratio Lower Upper
104 100
78 259.0 43.6 65.4#
103 237.3 43.6 65.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion:152 Resp: 46796
Ion Ratio Lower Upper
152 100
115 62.4 43.3 129.9
150 157.1 0.0 345.0





#73

Isopropylbenzene

Concen: 2.414 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

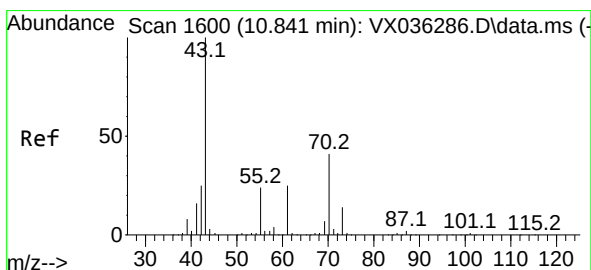
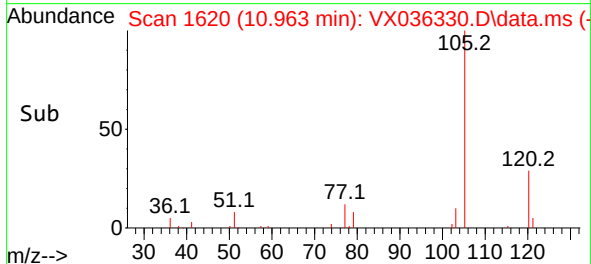
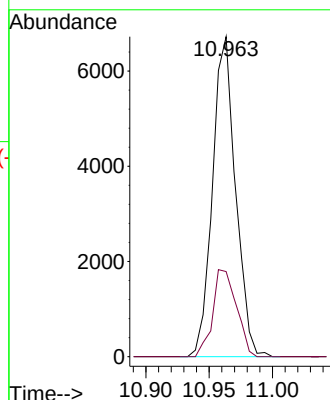
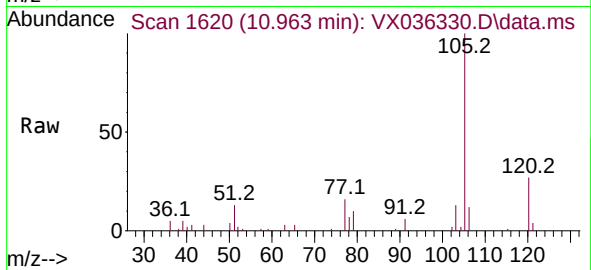
MW-08DL

Tgt Ion:105 Resp: 8513

Ion Ratio Lower Upper

105 100

120 28.0 12.9 38.6



#74

N-ethyl acetate

Concen: 0.259 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

Tgt Ion: 43 Resp: 361

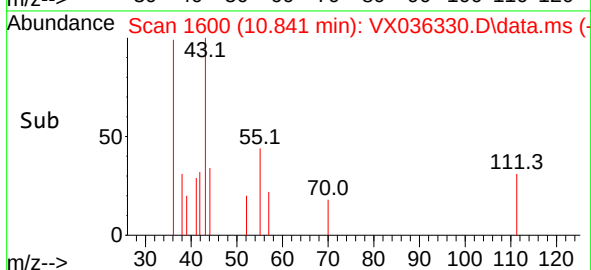
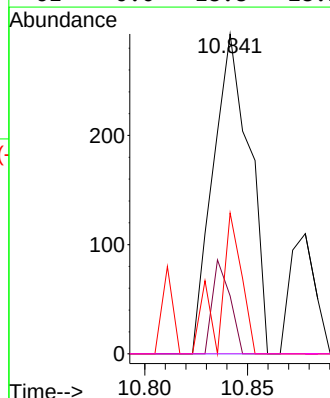
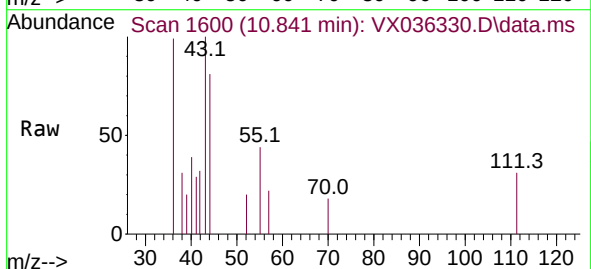
Ion Ratio Lower Upper

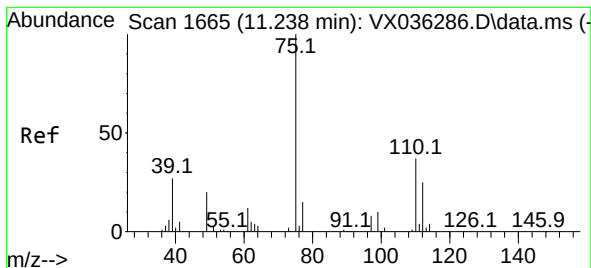
43 100

70 14.1 32.9 49.3#

55 26.9 19.3 28.9

61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 1.026 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.140 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

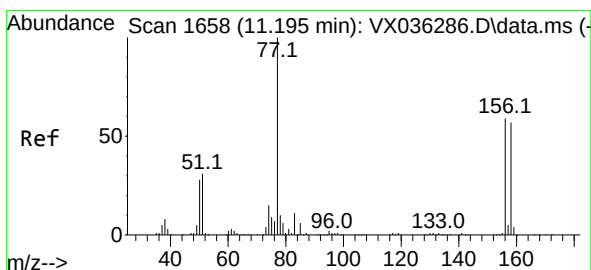
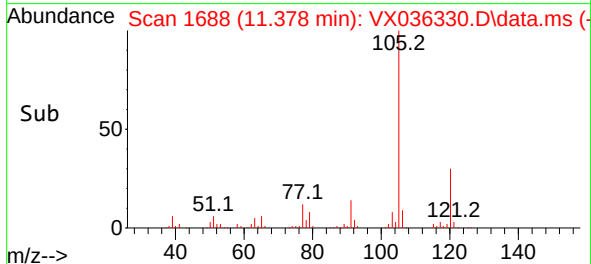
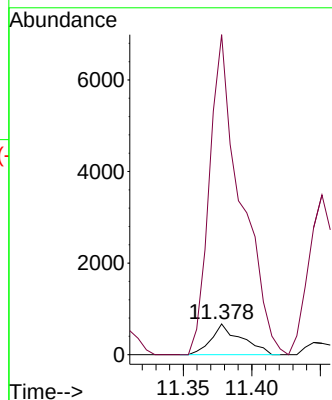
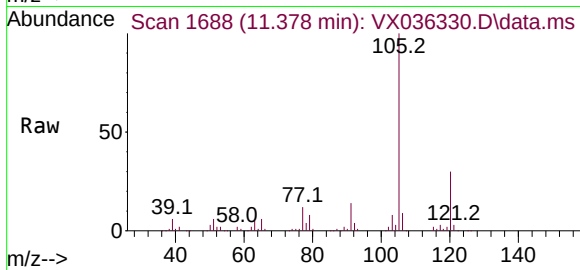
MW-08DL

Tgt Ion: 75 Resp: 1024

Ion Ratio Lower Upper

75 100

77 1088.6 19.1 57.5#



#77

Bromobenzene

Concen: 0.351 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

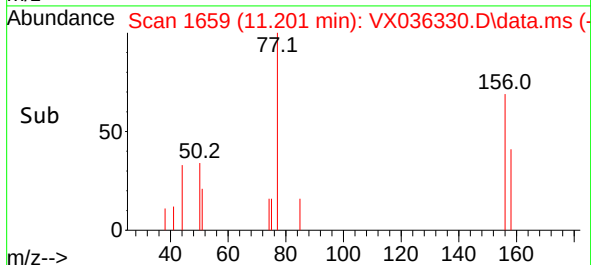
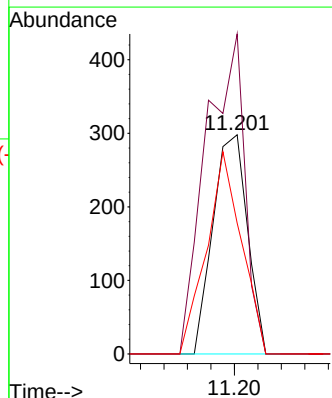
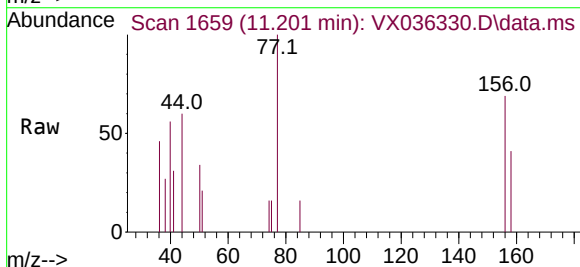
Tgt Ion:156 Resp: 304

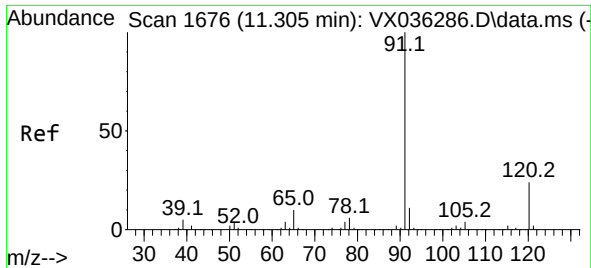
Ion Ratio Lower Upper

156 100

77 162.8 88.4 265.3

158 93.4 48.0 144.0

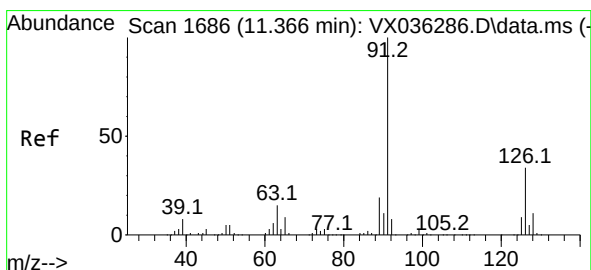
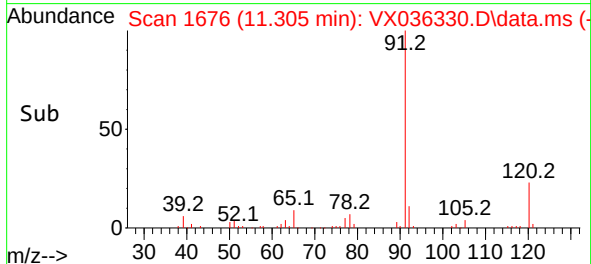
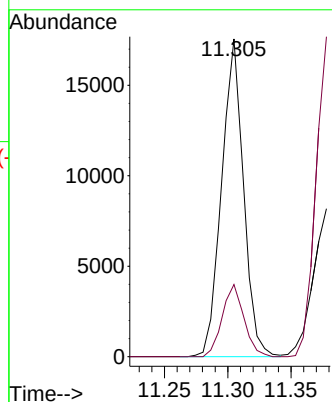
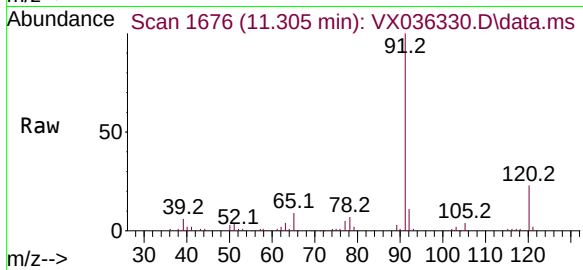




#78
n-propylbenzene
Concen: 5.124 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

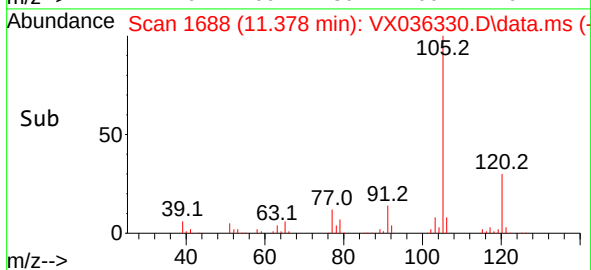
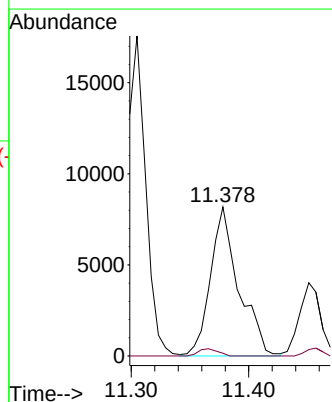
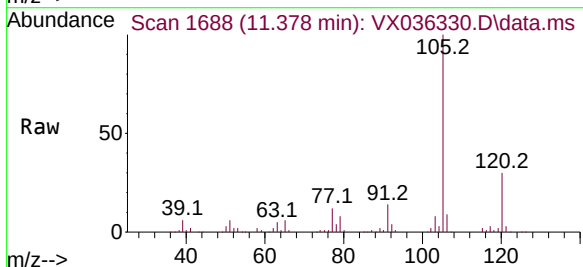
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

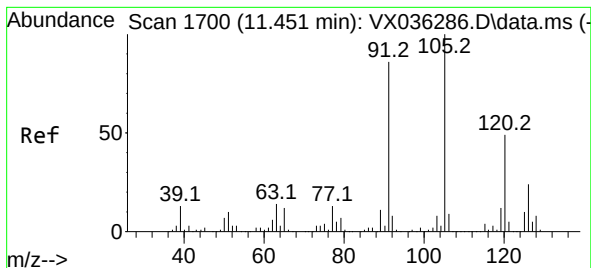
Tgt Ion: 91 Resp: 21102
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4



#79
2-Chlorotoluene
Concen: 5.610 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion: 91 Resp: 13745
Ion Ratio Lower Upper
91 100
126 3.3 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 10.823 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

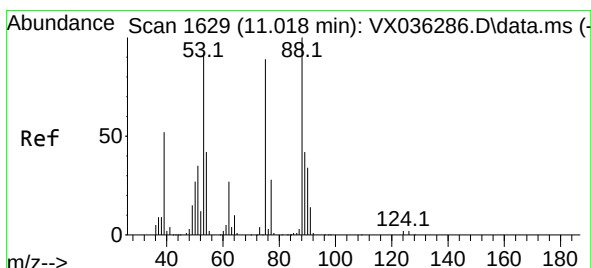
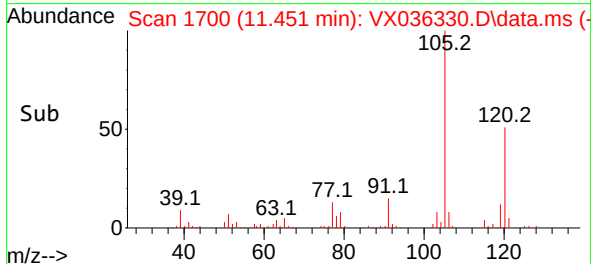
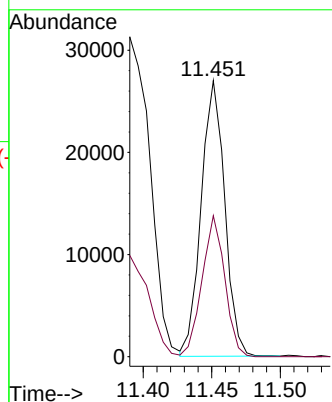
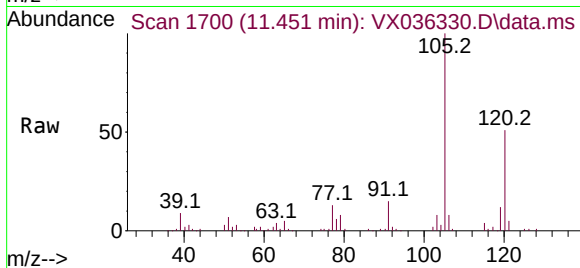
MW-08DL

Tgt Ion:105 Resp: 32323

Ion Ratio Lower Upper

105 100

120 49.3 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 94.520 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

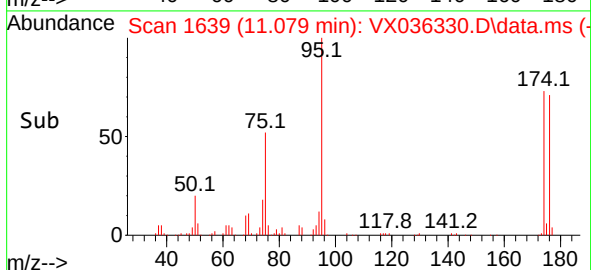
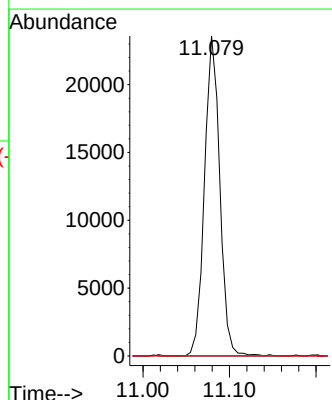
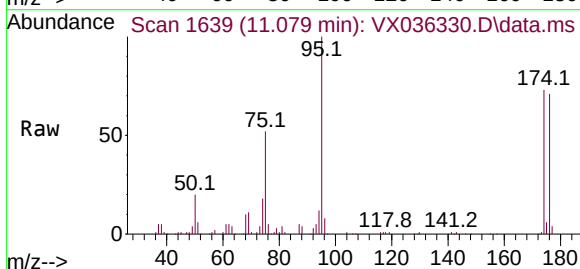
Tgt Ion: 75 Resp: 28943

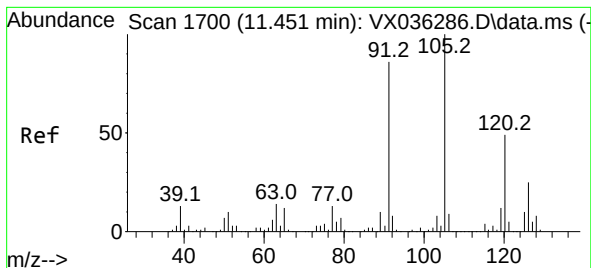
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 1.808 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

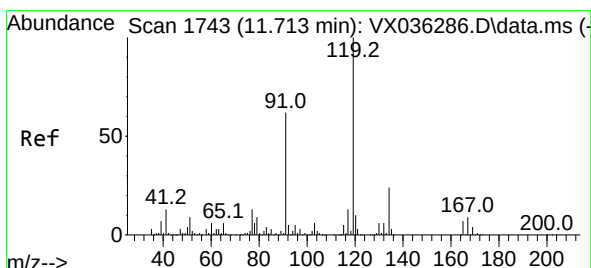
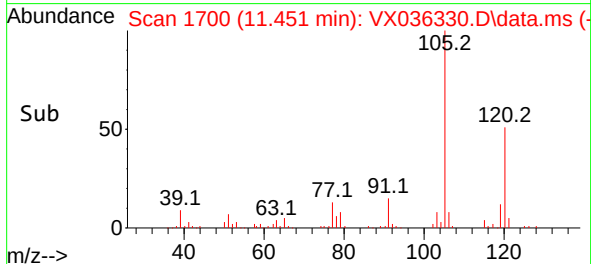
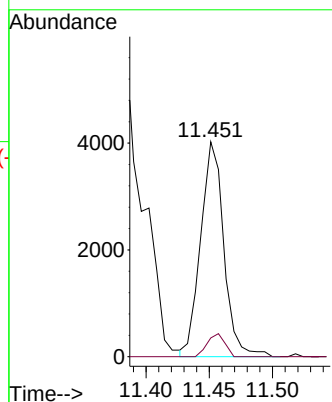
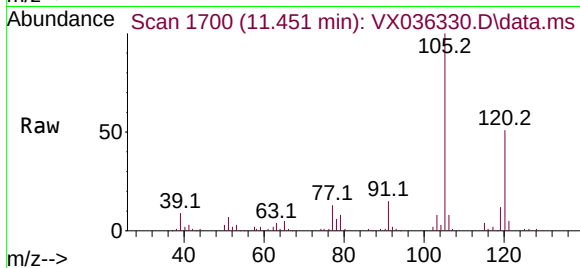
MW-08DL

Tgt Ion: 91 Resp: 5157

Ion Ratio Lower Upper

91 100

126 8.1 14.2 42.6#



#83

tert-Butylbenzene

Concen: 0.904 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

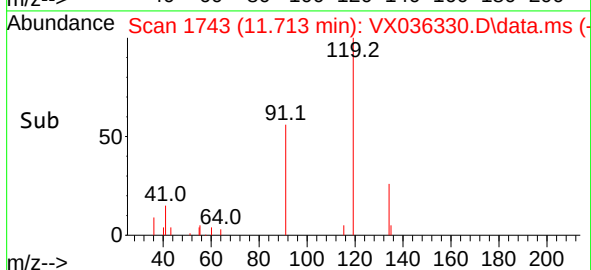
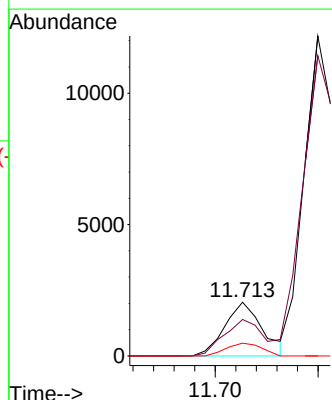
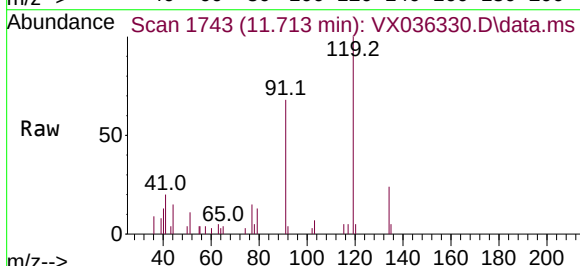
Tgt Ion: 119 Resp: 2587

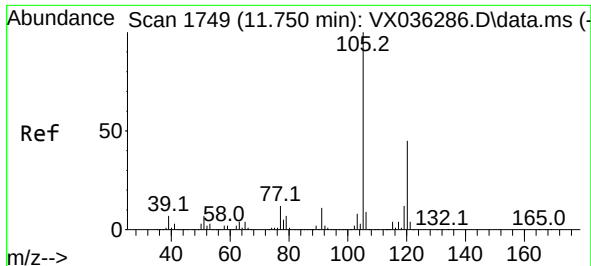
Ion Ratio Lower Upper

119 100

91 67.8 31.2 93.6

134 22.6 11.7 35.0

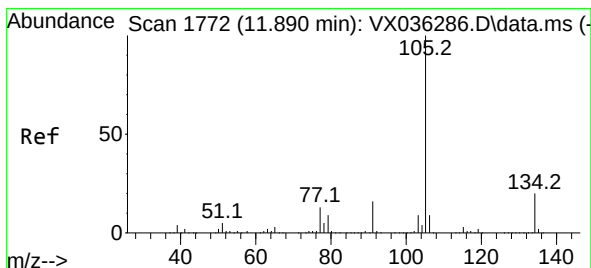
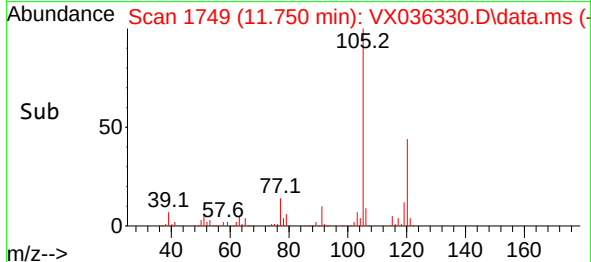
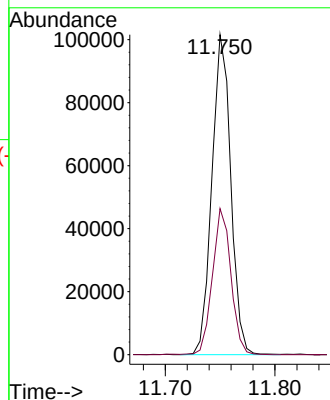
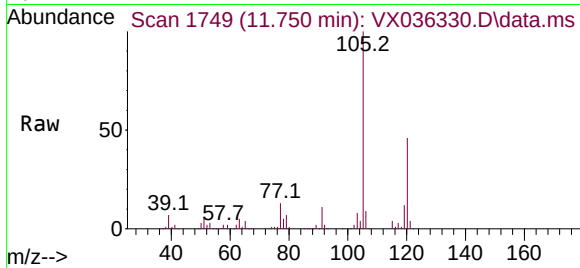




#84
1,2,4-Trimethylbenzene
Concen: 41.131 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

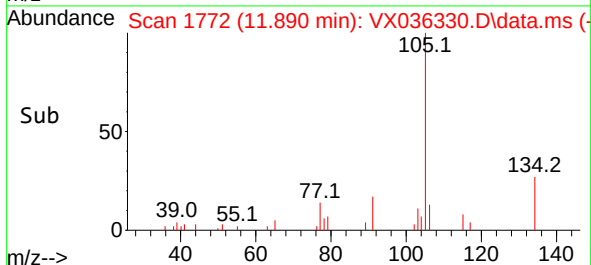
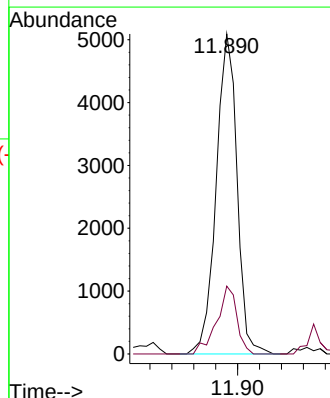
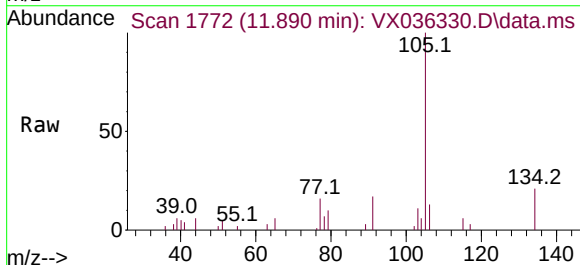
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

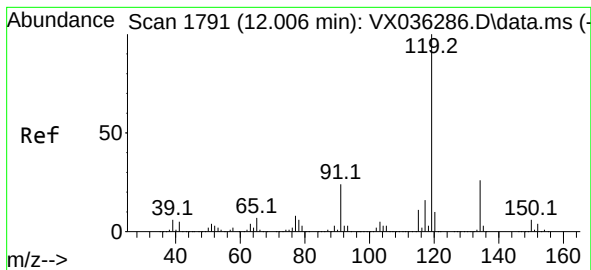
Tgt Ion:105 Resp: 121532
Ion Ratio Lower Upper
105 100
120 44.9 21.2 63.6



#85
sec-Butylbenzene
Concen: 1.856 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion:105 Resp: 6729
Ion Ratio Lower Upper
105 100
134 20.4 9.8 29.4





#86

p-Isopropyltoluene

Concen: 1.615 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

MW-08DL

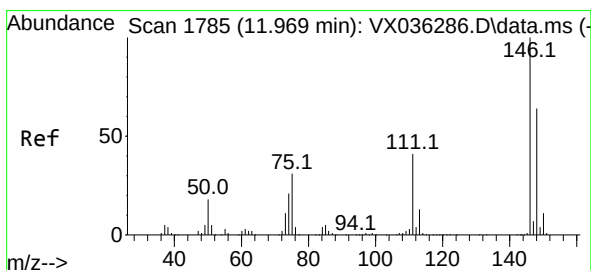
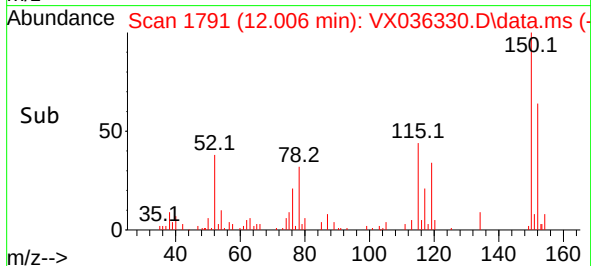
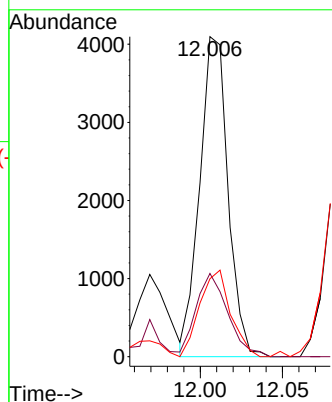
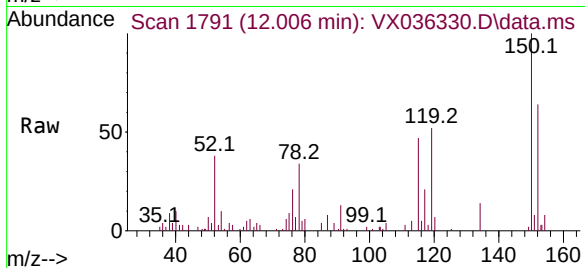
Tgt Ion:119 Resp: 4915

Ion Ratio Lower Upper

119 100

134 29.0 12.8 38.3

91 29.4 13.1 39.3



#87

1,3-Dichlorobenzene

Concen: 0.605 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

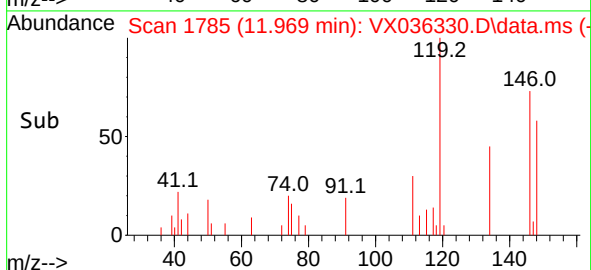
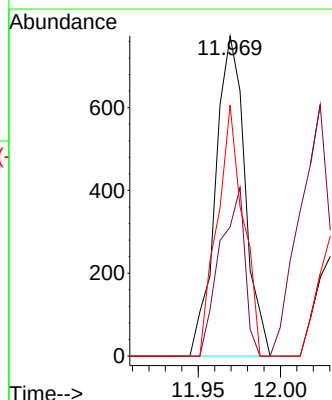
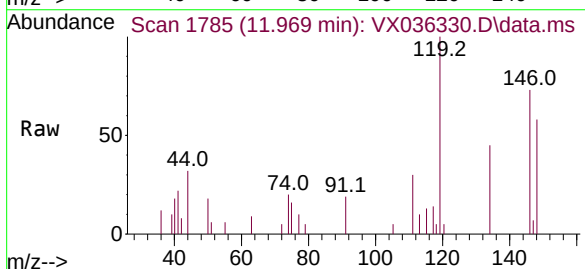
Tgt Ion:146 Resp: 964

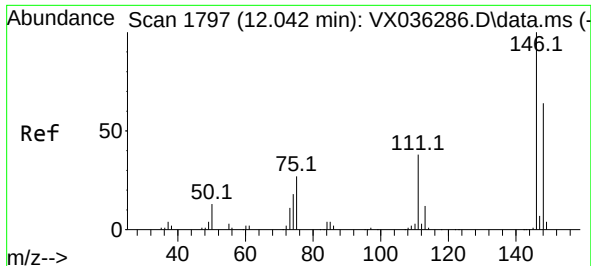
Ion Ratio Lower Upper

146 100

111 44.5 22.1 66.1

148 68.9 31.8 95.3

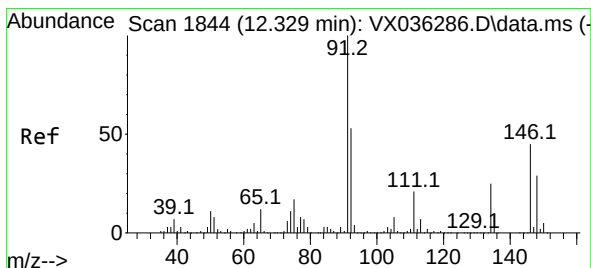
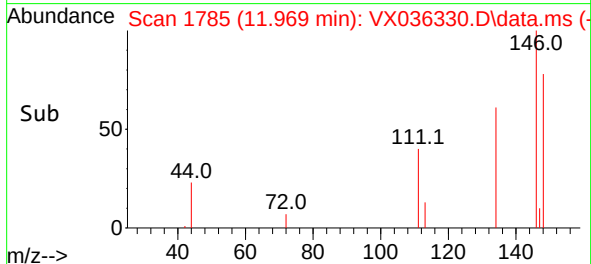
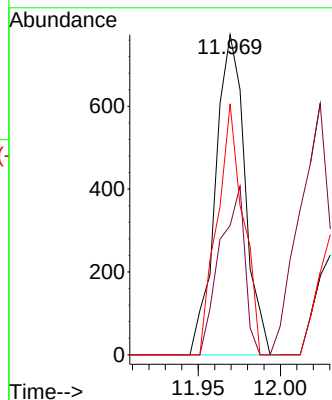
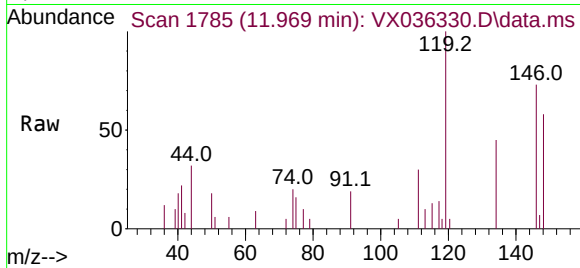




#88
1,4-Dichlorobenzene
Concen: 0.594 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

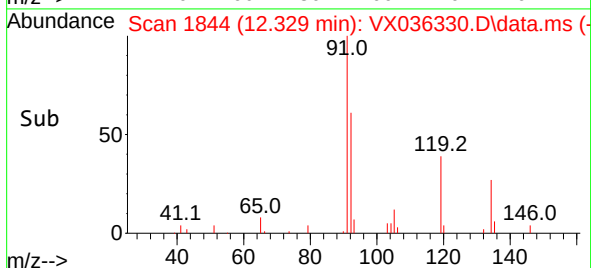
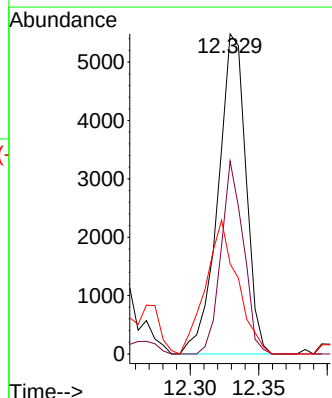
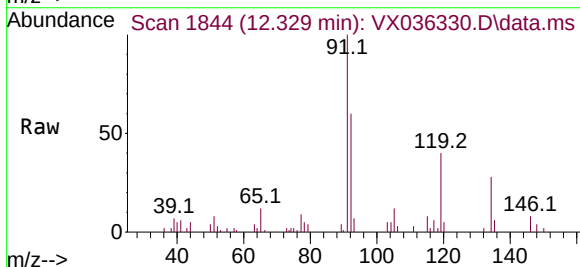
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

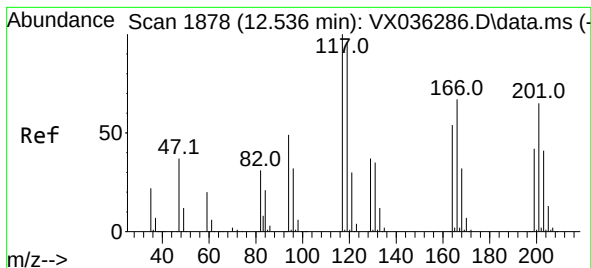
Tgt Ion:146 Resp: 964
Ion Ratio Lower Upper
146 100
111 44.5 21.3 63.7
148 68.9 31.8 95.4



#89
n-Butylbenzene
Concen: 2.868 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036330.D
Acq: 26 Jun 2023 15:10

Tgt Ion: 91 Resp: 7767
Ion Ratio Lower Upper
91 100
92 48.3 27.4 82.0
134 47.6 12.6 37.8#





#90

Hexachloroethane

Concen: 3.126 ug/l

RT: 12.530 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

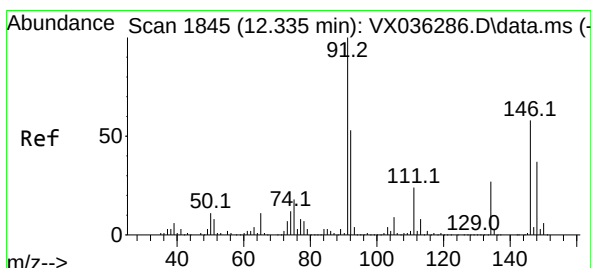
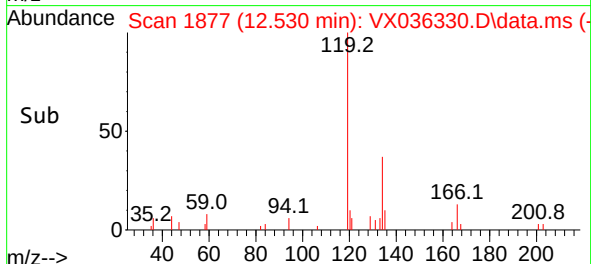
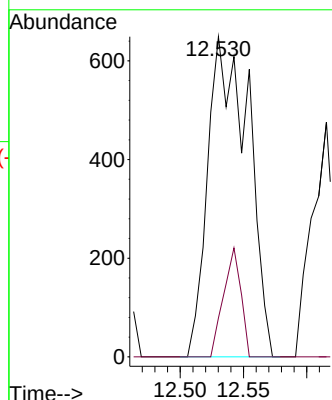
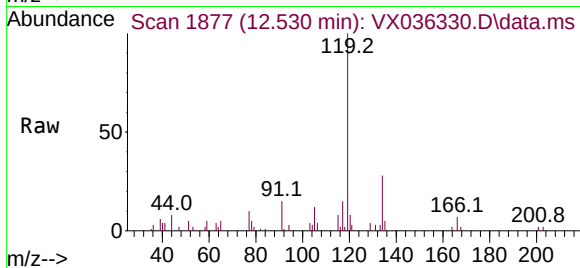
MW-08DL

Tgt Ion:117 Resp: 1441

Ion Ratio Lower Upper

117 100

201 14.6 32.9 98.6#



#91

1,2-Dichlorobenzene

Concen: 0.426 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

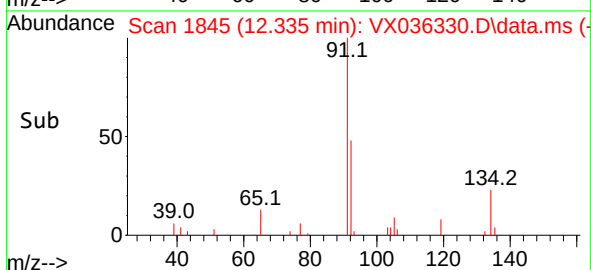
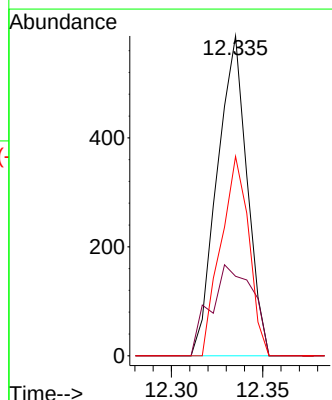
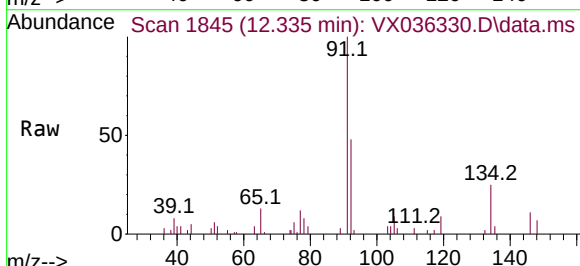
Tgt Ion:146 Resp: 668

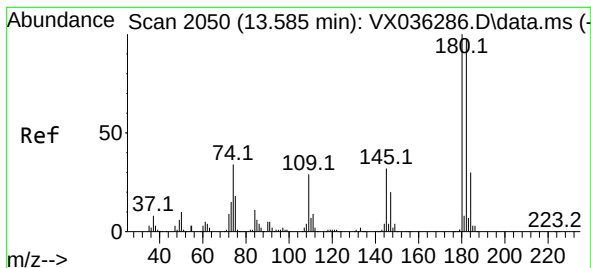
Ion Ratio Lower Upper

146 100

111 39.8 22.4 67.0

148 58.5 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.979 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

MW-08DL

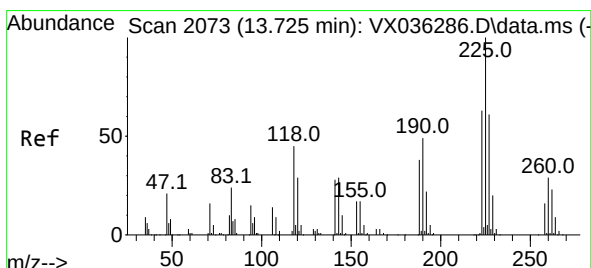
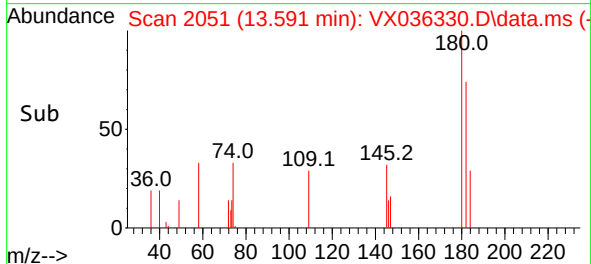
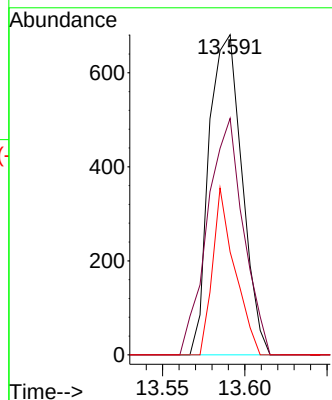
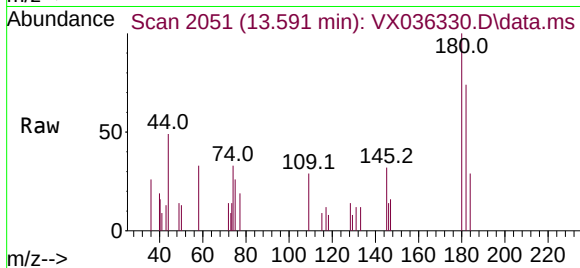
Tgt Ion:180 Resp: 947

Ion Ratio Lower Upper

180 100

182 80.8 48.3 144.8

145 35.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 4.831 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

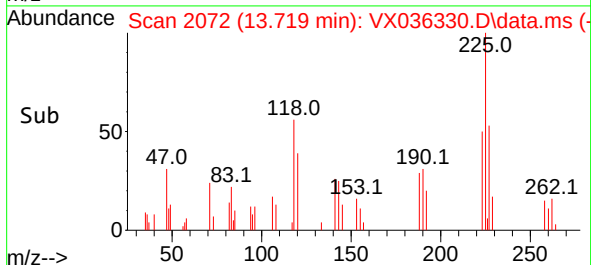
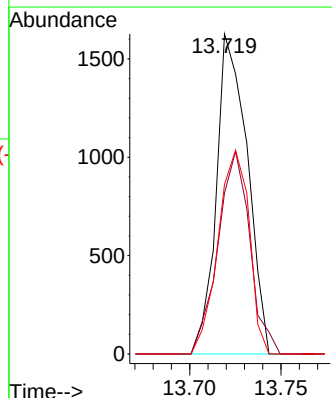
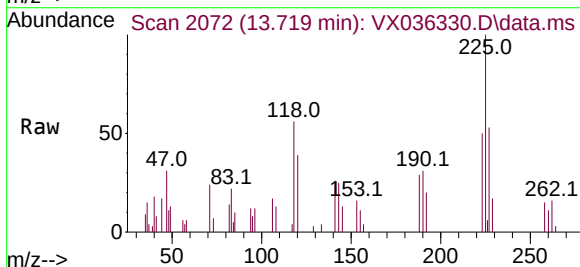
Tgt Ion:225 Resp: 1913

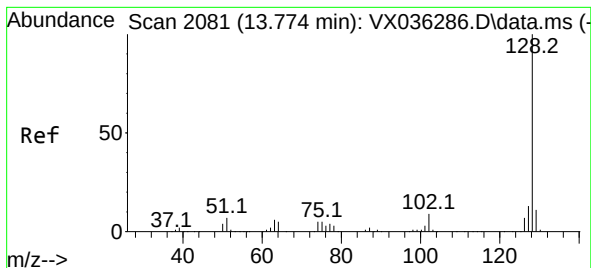
Ion Ratio Lower Upper

225 100

223 65.4 31.1 93.2

227 64.2 32.5 97.5





#95

Naphthalene

Concen: 13.017 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

MW-08DL

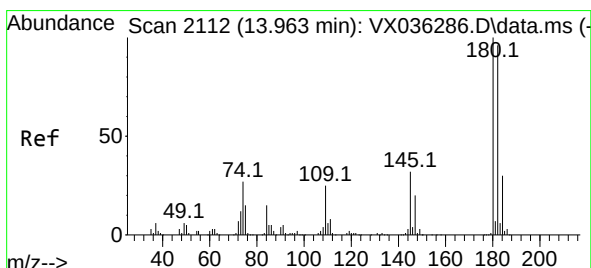
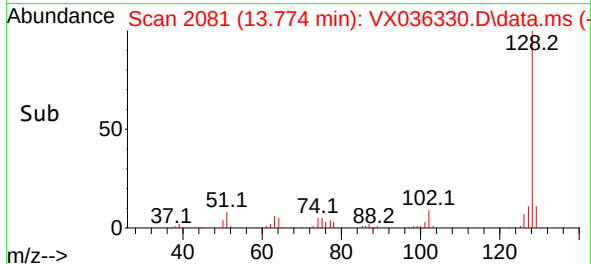
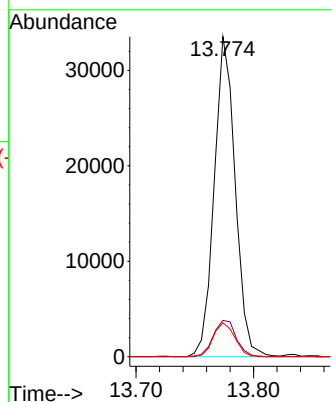
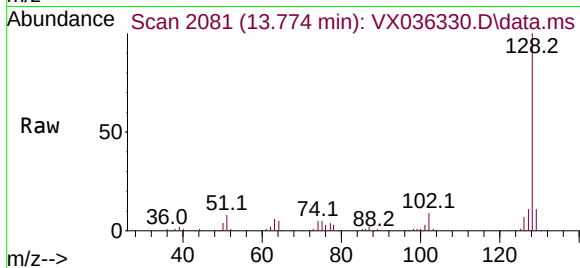
Tgt Ion:128 Resp: 41583

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.635 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX036330.D

Acq: 26 Jun 2023 15:10

Tgt Ion:180 Resp: 599

Ion Ratio Lower Upper

180 100

182 96.7 46.9 140.6

145 33.9 17.8 53.5

