

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033389.D
 Acq On : 13 Dec 2022 13:58
 Operator : JC/MD
 Sample : N6001-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Dec 14 05:37:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

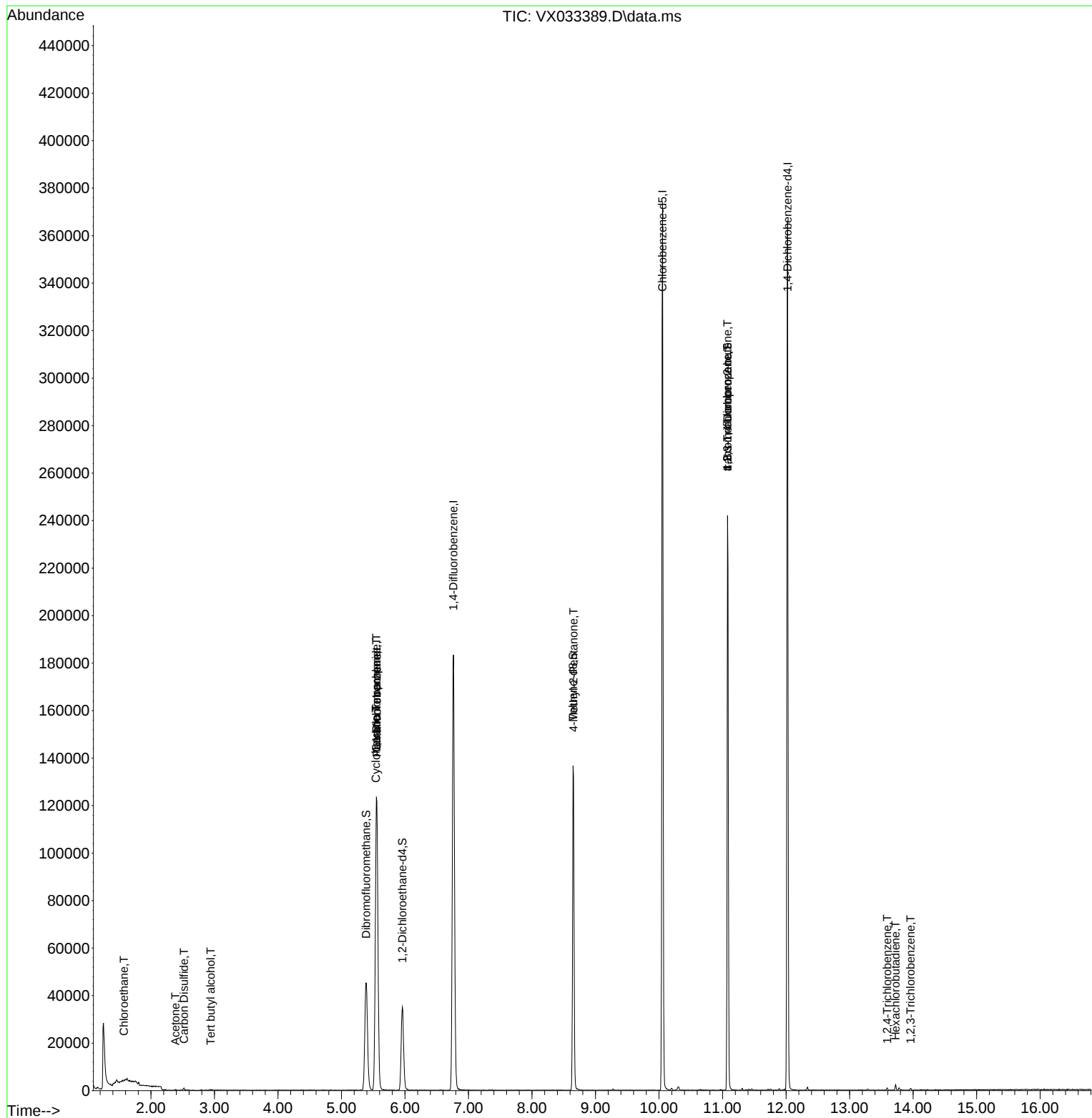
Internal Standards						
1) Pentafluorobenzene	5.556	168	120449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36979	47.855	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.720%		
35) Dibromofluoromethane	5.385	113	41132	47.439	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.880%		
50) Toluene-d8	8.647	98	84994	46.859	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.720%		
62) 4-Bromofluorobenzene	11.079	95	64639	46.607	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.220%		
Target Compounds						Qvalue
6) Chloroethane	1.575	64	353	0.419	ug/l #	66
11) Tert butyl alcohol	2.940	59	165	0.698	ug/l #	72
16) Acetone	2.386	43	380	0.665	ug/l #	45
17) Carbon Disulfide	2.520	76	1040	0.371	ug/l #	88
31) Cyclohexane	5.544	56	2184	1.189	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8512	5.035	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12430	6.563	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	372	0.229	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33317	21.069	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33317	65.540	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	390	0.251	ug/l #	79
94) Hexachlorobutadiene	13.725	225	447	0.717	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	359	0.228	ug/l	90

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

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Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
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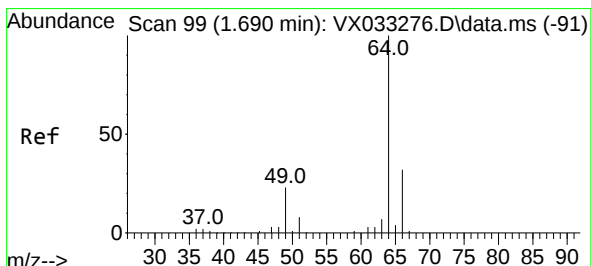
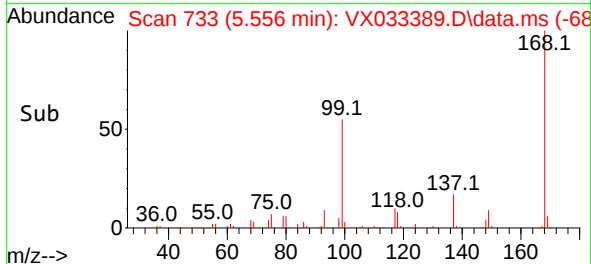
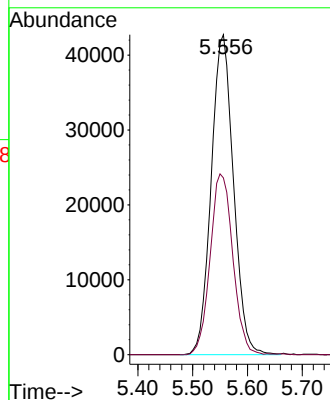
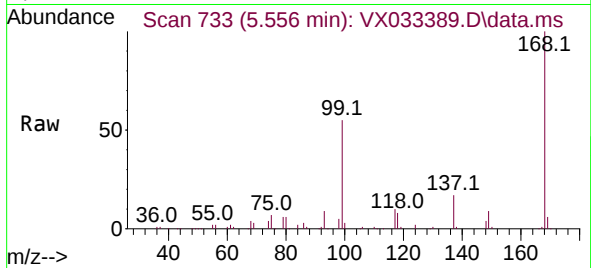




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033389.D
Acq: 13 Dec 2022 13:58

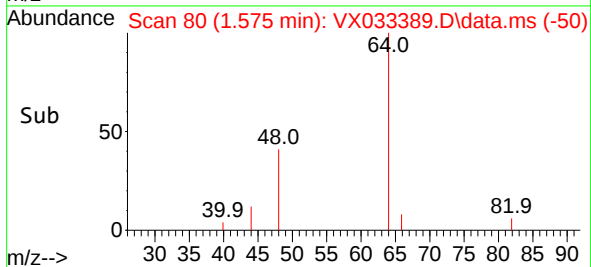
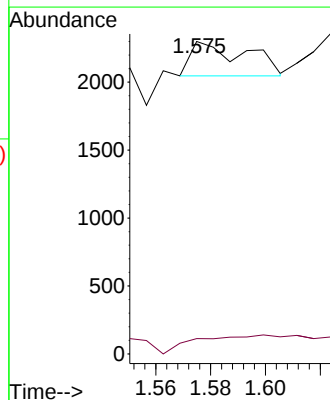
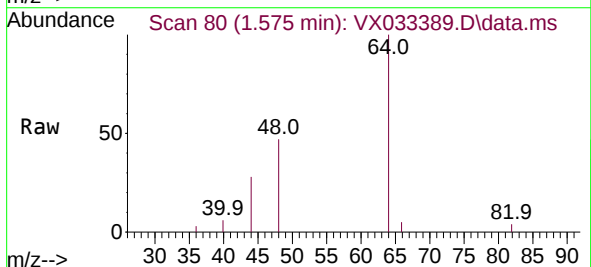
Instrument :
MSVOA_X
ClientSampleId :
MW-5

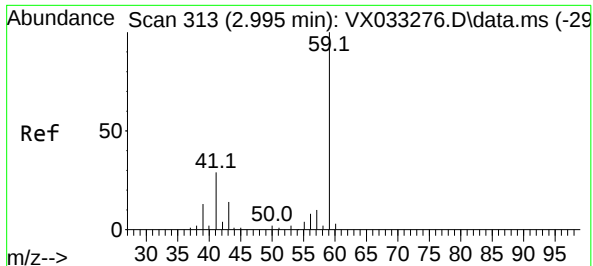
Tgt Ion:168 Resp: 120449
Ion Ratio Lower Upper
168 100
99 55.2 46.1 69.1



#6
Chloroethane
Concen: 0.419 ug/l
RT: 1.575 min Scan# 80
Delta R.T. -0.115 min
Lab File: VX033389.D
Acq: 13 Dec 2022 13:58

Tgt Ion: 64 Resp: 353
Ion Ratio Lower Upper
64 100
66 13.4 26.0 39.0#





#11

Tert butyl alcohol

Concen: 0.698 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX033389.D

Acq: 13 Dec 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

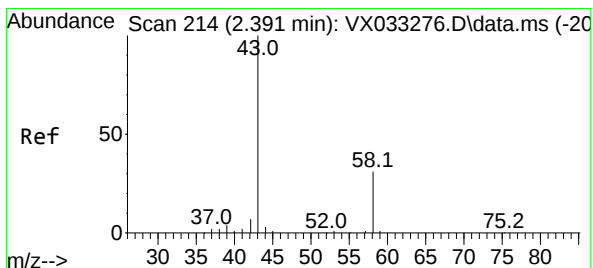
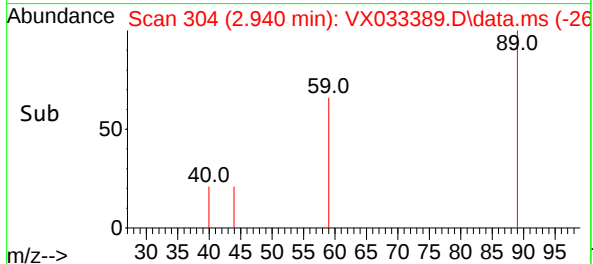
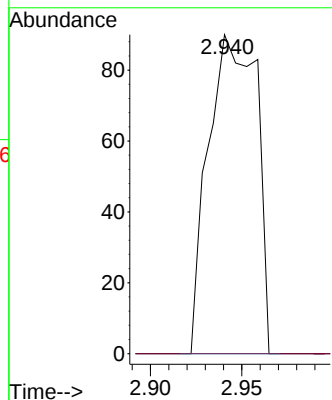
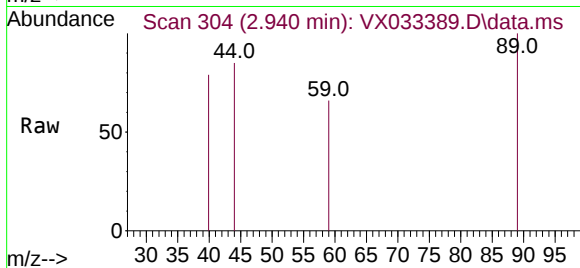
MW-5

Tgt Ion: 59 Resp: 165

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.665 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX033389.D

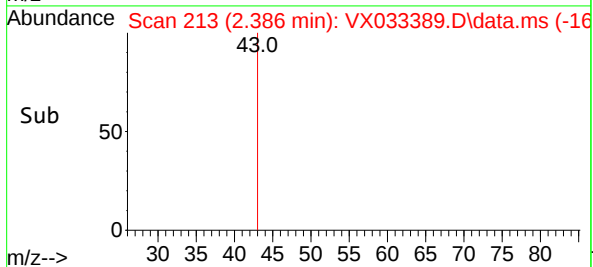
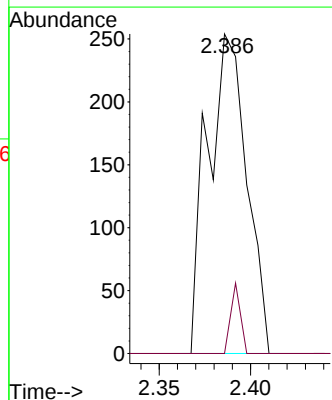
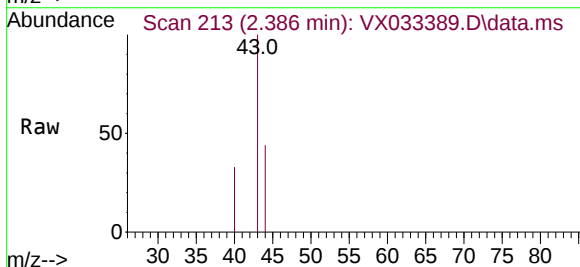
Acq: 13 Dec 2022 13:58

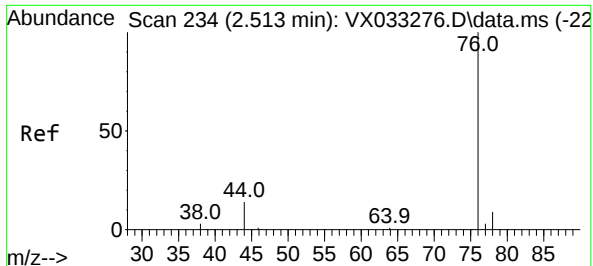
Tgt Ion: 43 Resp: 380

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#

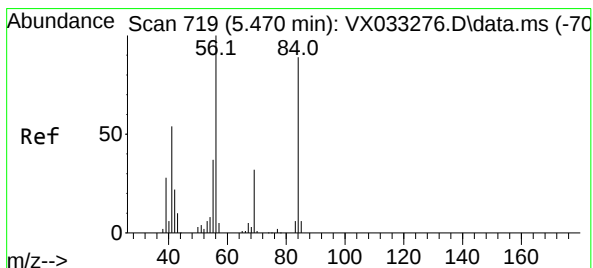
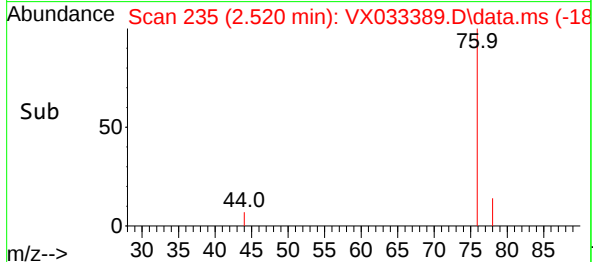
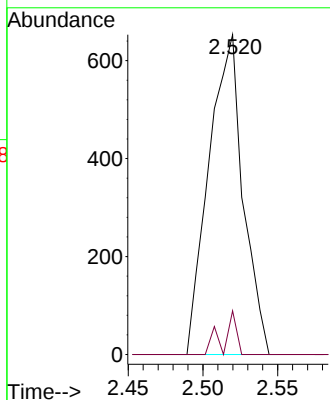
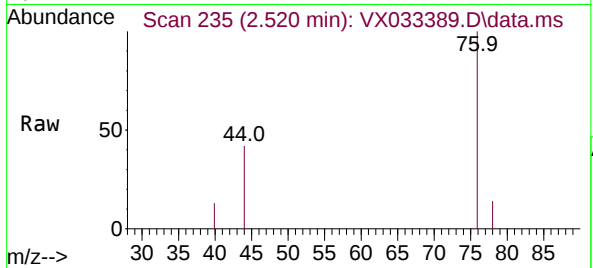




#17
Carbon Disulfide
Concen: 0.371 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033389.D
Acq: 13 Dec 2022 13:58

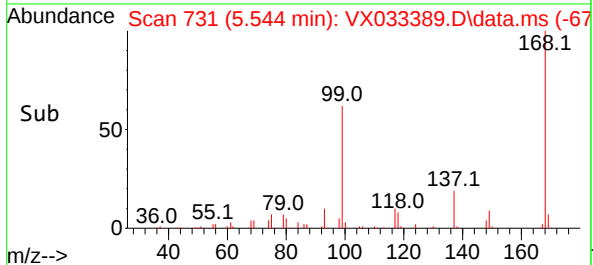
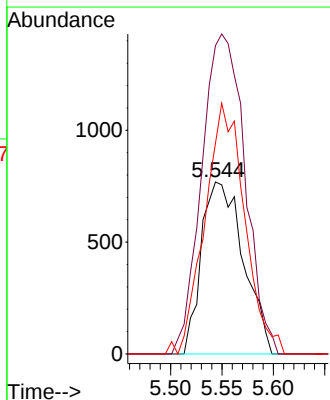
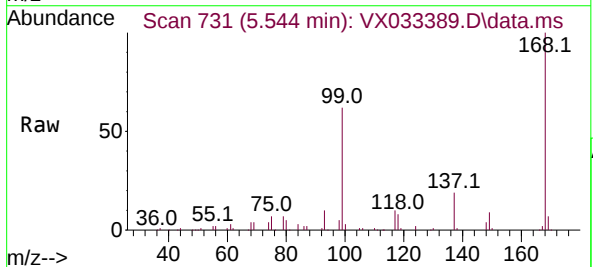
Instrument :
MSVOA_X
ClientSampleId :
MW-5

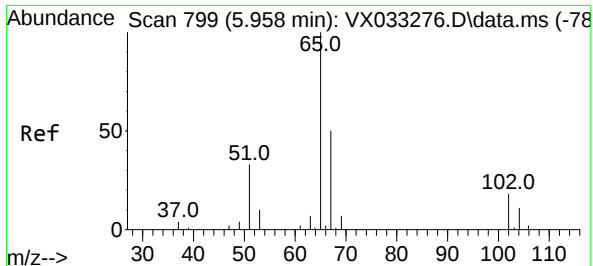
Tgt Ion: 76 Resp: 1040
Ion Ratio Lower Upper
76 100
78 13.6 7.5 11.3#



#31
Cyclohexane
Concen: 1.189 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX033389.D
Acq: 13 Dec 2022 13:58

Tgt Ion: 56 Resp: 2184
Ion Ratio Lower Upper
56 100
69 179.3 24.1 36.1#
84 122.5 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 47.855 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033389.D

Acq: 13 Dec 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

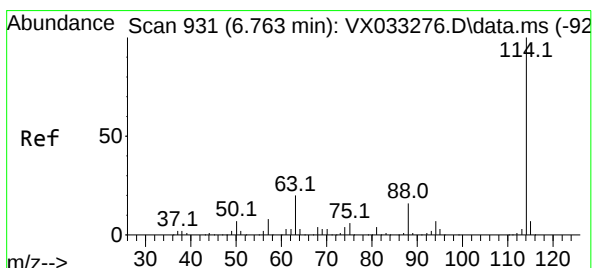
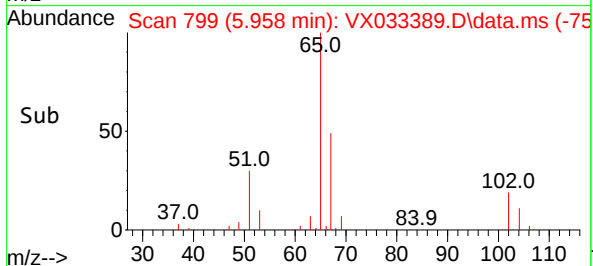
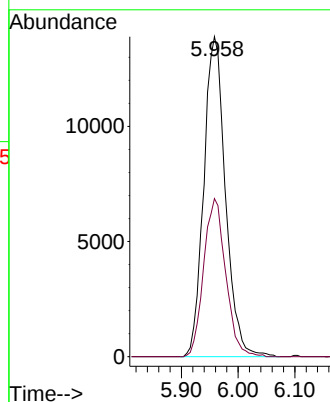
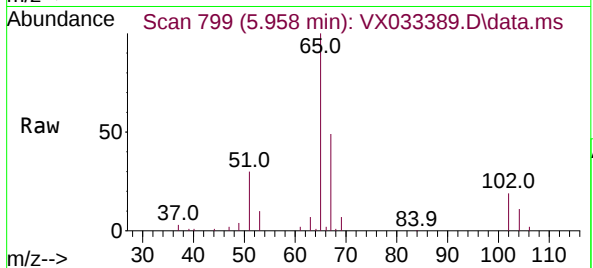
MW-5

Tgt Ion: 65 Resp: 36979

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033389.D

Acq: 13 Dec 2022 13:58

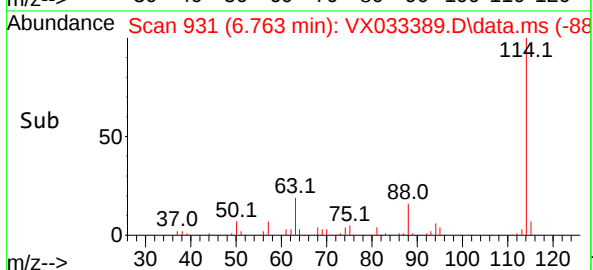
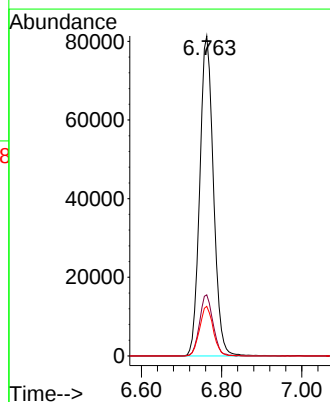
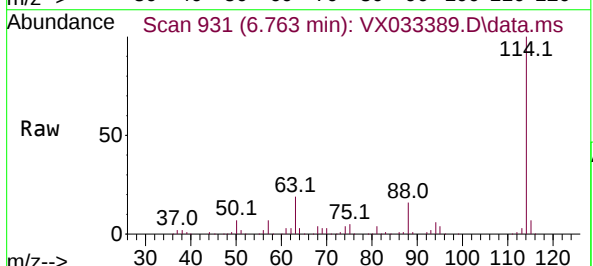
Tgt Ion: 114 Resp: 192773

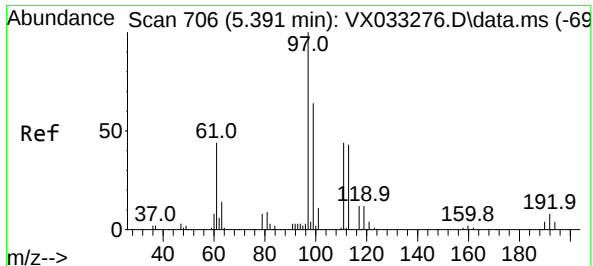
Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.6

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.439 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033389.D

Acq: 13 Dec 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

MW-5

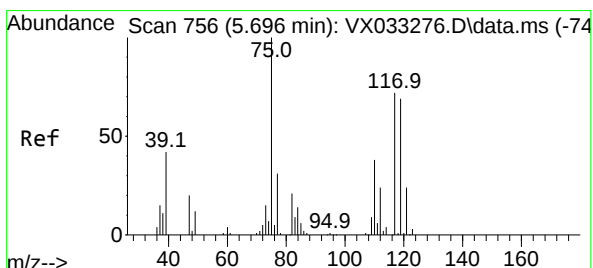
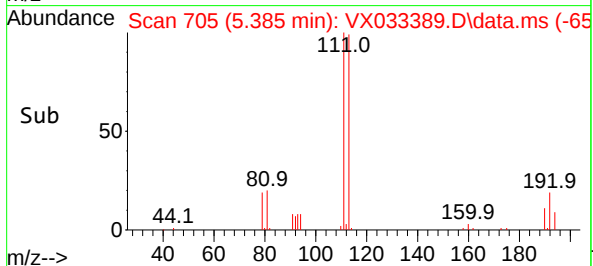
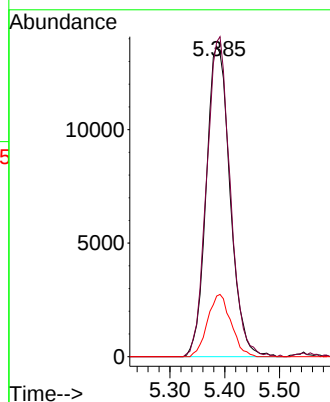
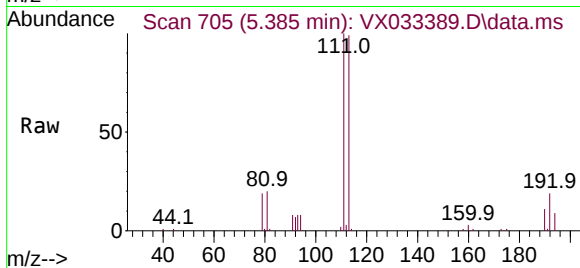
Tgt Ion:113 Resp: 41132

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 19.8 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.035 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX033389.D

Acq: 13 Dec 2022 13:58

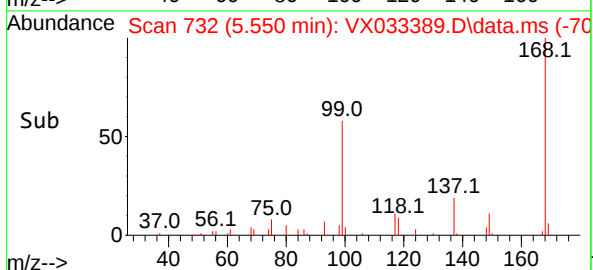
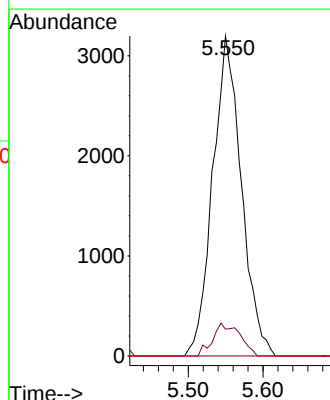
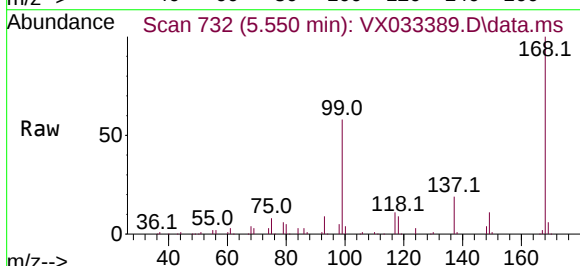
Tgt Ion: 75 Resp: 8512

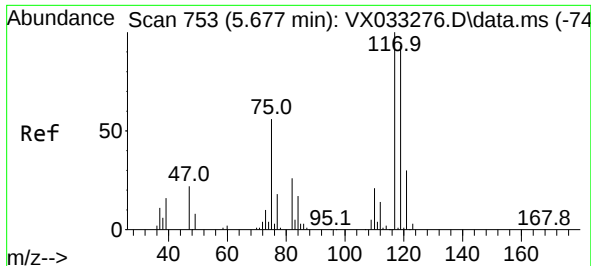
Ion Ratio Lower Upper

75 100

110 9.7 18.4 55.2#

77 0.0 24.5 36.7#

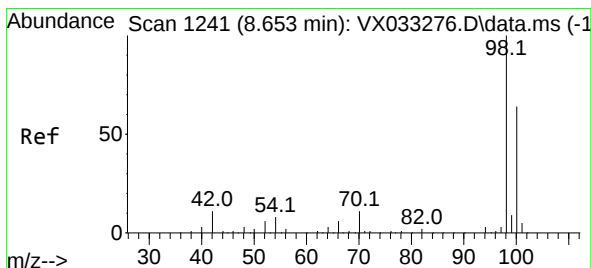
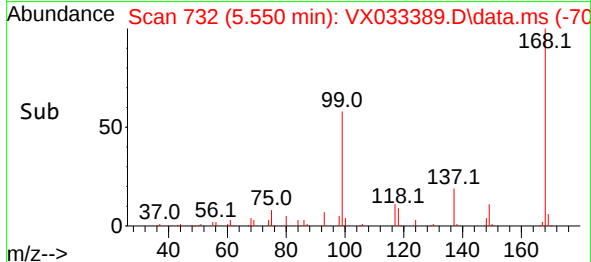
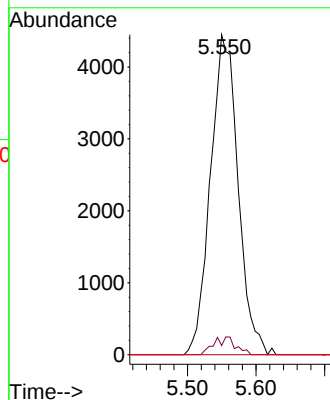
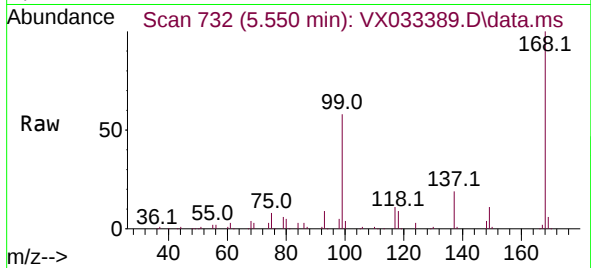




#38
Carbon Tetrachloride
Concen: 6.563 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033389.D
Acq: 13 Dec 2022 13:58

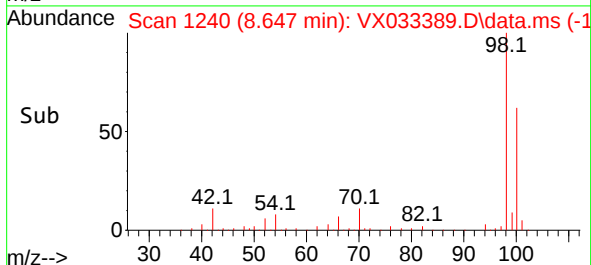
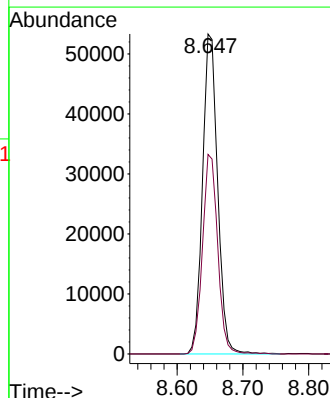
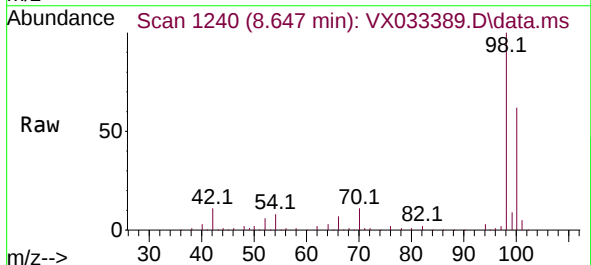
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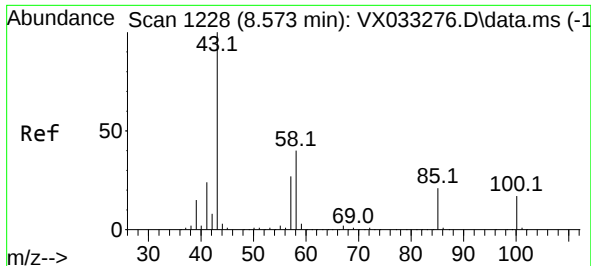
Tgt Ion:117 Resp: 12430
Ion Ratio Lower Upper
117 100
119 2.9 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 46.859 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033389.D
Acq: 13 Dec 2022 13:58

Tgt Ion: 98 Resp: 84994
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.229 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.080 min

Lab File: VX033389.D

Acq: 13 Dec 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

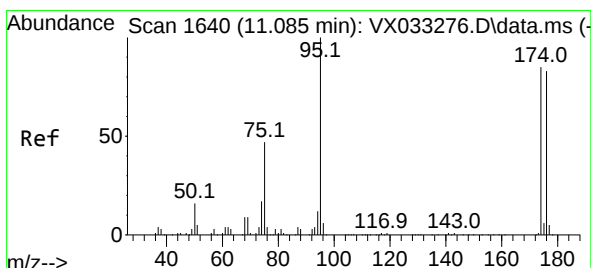
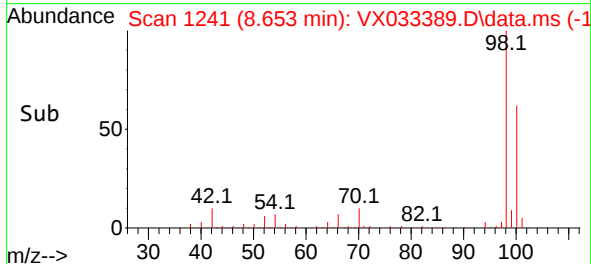
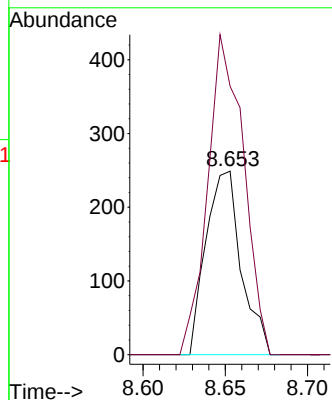
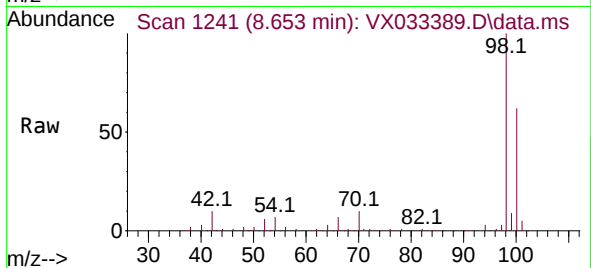
MW-5

Tgt Ion: 43 Resp: 372

Ion Ratio Lower Upper

43 100

58 176.9 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 46.607 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033389.D

Acq: 13 Dec 2022 13:58

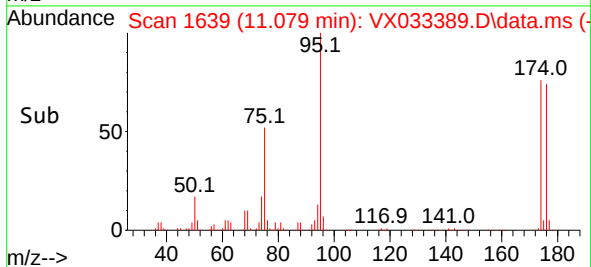
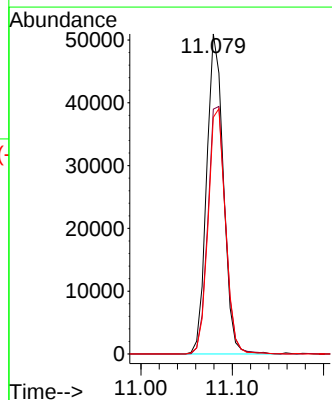
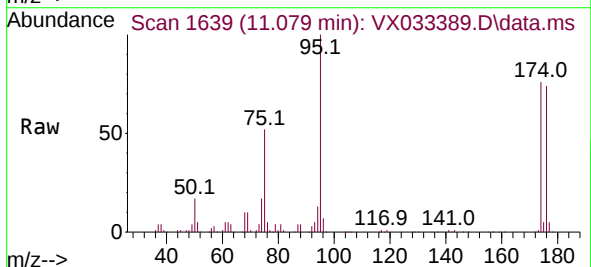
Tgt Ion: 95 Resp: 64639

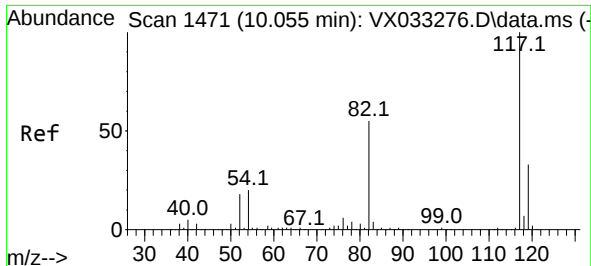
Ion Ratio Lower Upper

95 100

174 81.5 0.0 164.0

176 79.4 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033389.D

Acq: 13 Dec 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

MW-5

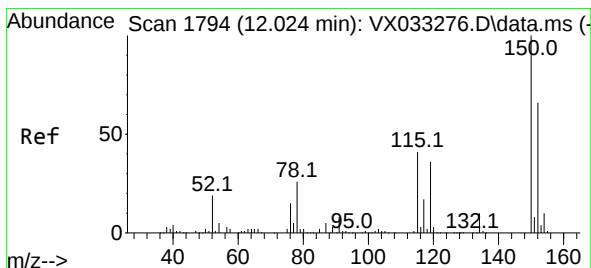
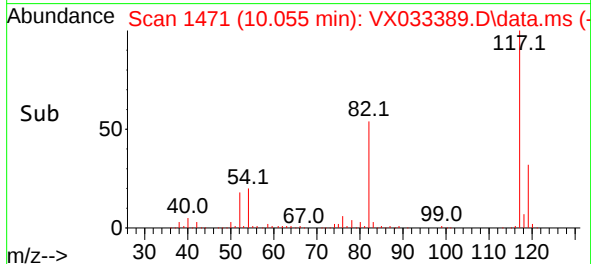
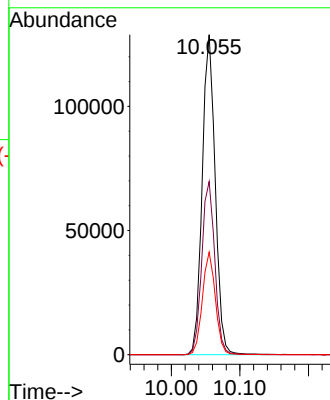
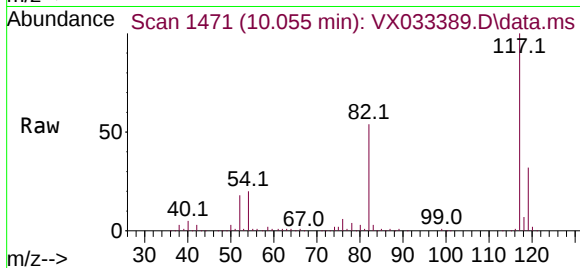
Tgt Ion:117 Resp: 170288

Ion Ratio Lower Upper

117 100

82 54.1 44.3 66.5

119 32.0 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX033389.D

Acq: 13 Dec 2022 13:58

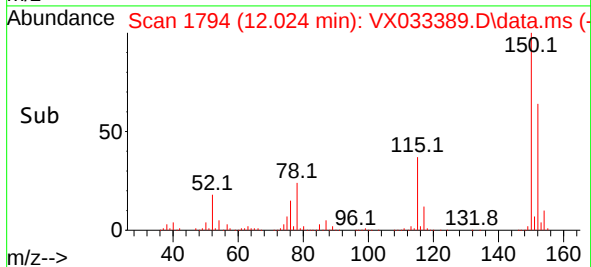
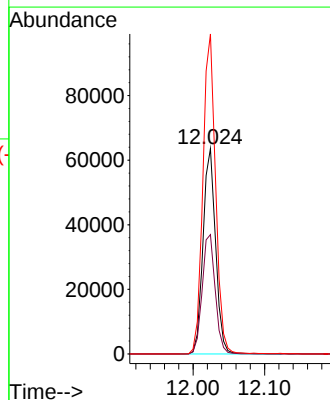
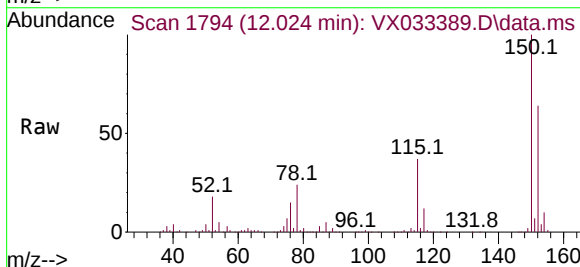
Tgt Ion:152 Resp: 77724

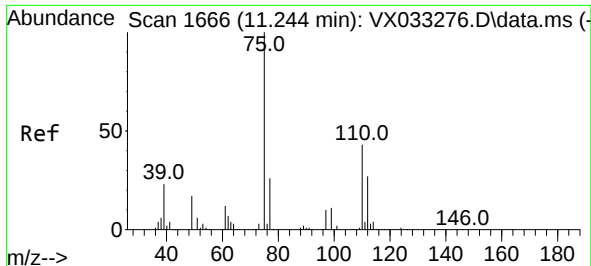
Ion Ratio Lower Upper

152 100

115 60.1 44.0 132.0

150 157.2 0.0 351.8

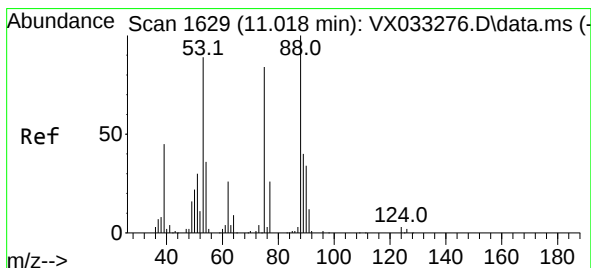
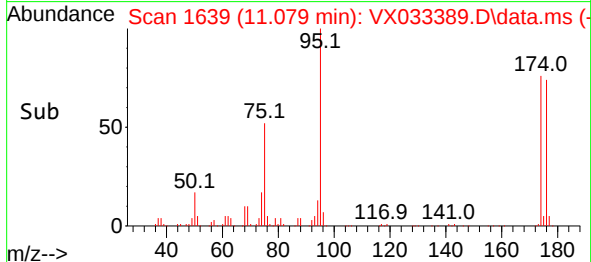
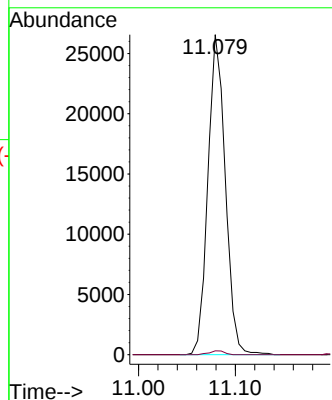
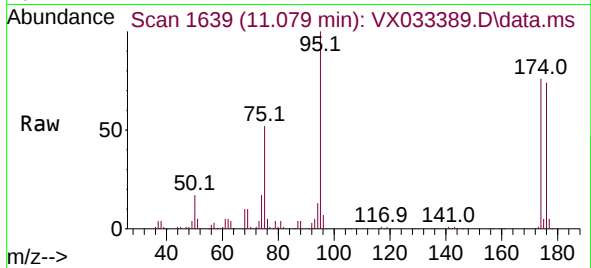




#76
1,2,3-Trichloropropane
Concen: 21.069 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033389.D
Acq: 13 Dec 2022 13:58

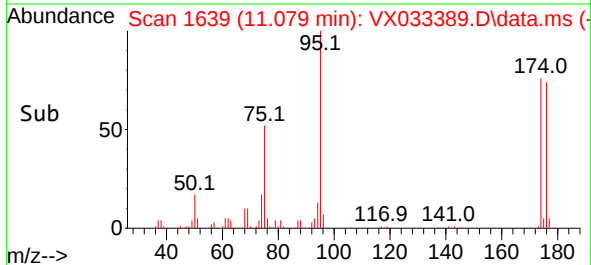
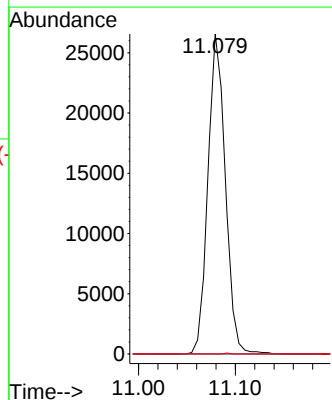
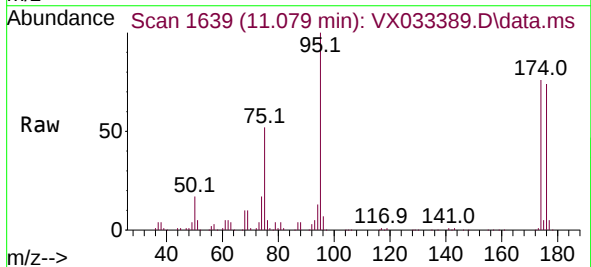
Instrument :
MSVOA_X
ClientSampleId :
MW-5

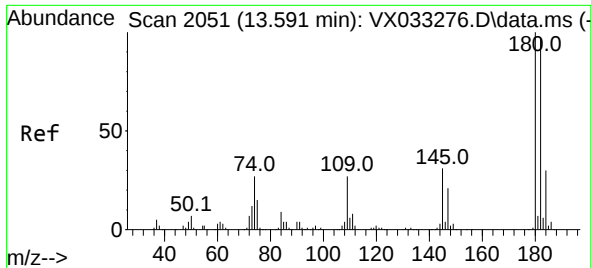
Tgt Ion: 75 Resp: 33317
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.540 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033389.D
Acq: 13 Dec 2022 13:58

Tgt Ion: 75 Resp: 33317
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

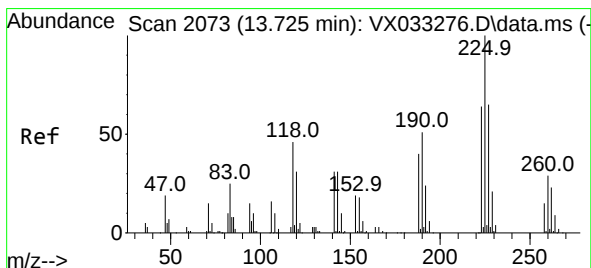
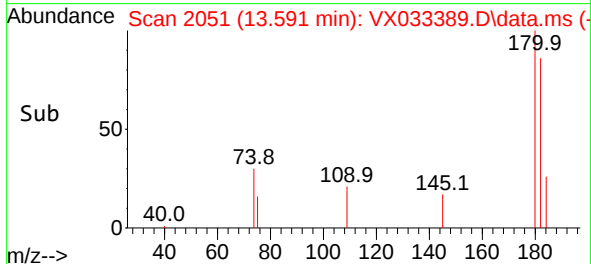
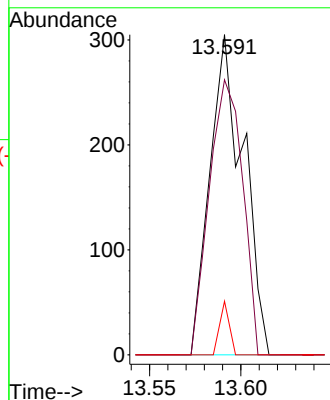
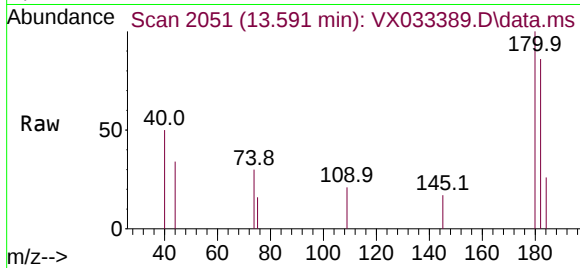




#93
1,2,4-Trichlorobenzene
Concen: 0.251 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033389.D
Acq: 13 Dec 2022 13:58

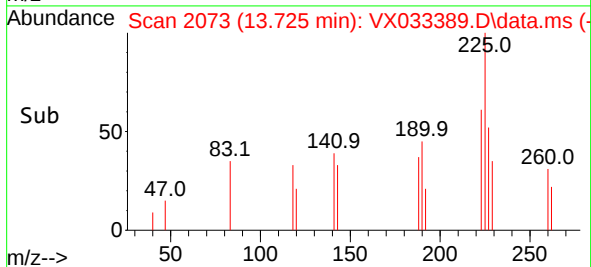
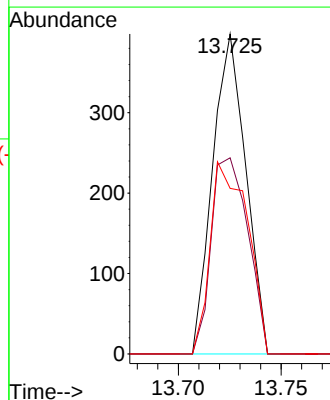
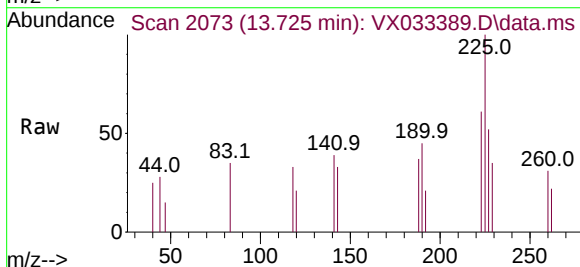
Instrument :
MSVOA_X
ClientSampleId :
MW-5

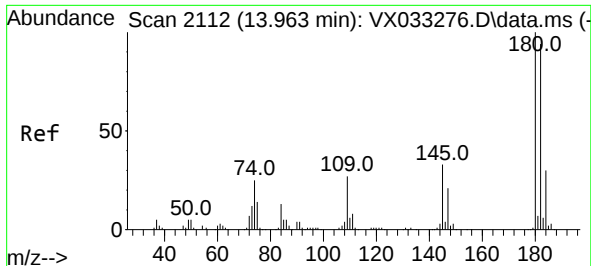
Tgt Ion:180 Resp: 390
Ion Ratio Lower Upper
180 100
182 85.4 48.4 145.0
145 4.9 16.2 48.5#



#94
Hexachlorobutadiene
Concen: 0.717 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033389.D
Acq: 13 Dec 2022 13:58

Tgt Ion:225 Resp: 447
Ion Ratio Lower Upper
225 100
223 67.8 31.9 95.9
227 67.6 31.9 95.5





#96

1,2,3-Trichlorobenzene

Concen: 0.228 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033389.D

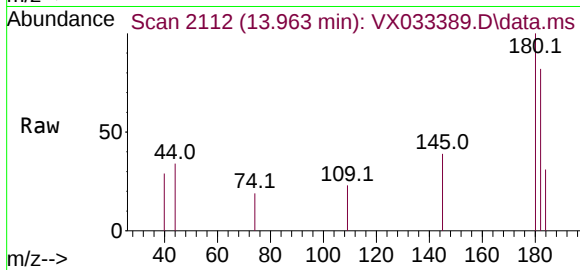
Acq: 13 Dec 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

MW-5



Tgt Ion:180 Resp: 359

Ion Ratio Lower Upper

180 100

182 84.1 47.5 142.6

145 29.2 16.9 50.6

