

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033298.D
 Acq On : 07 Dec 2022 21:51
 Operator : JC/MD
 Sample : N5906-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Quant Time: Dec 08 01:44:48 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)

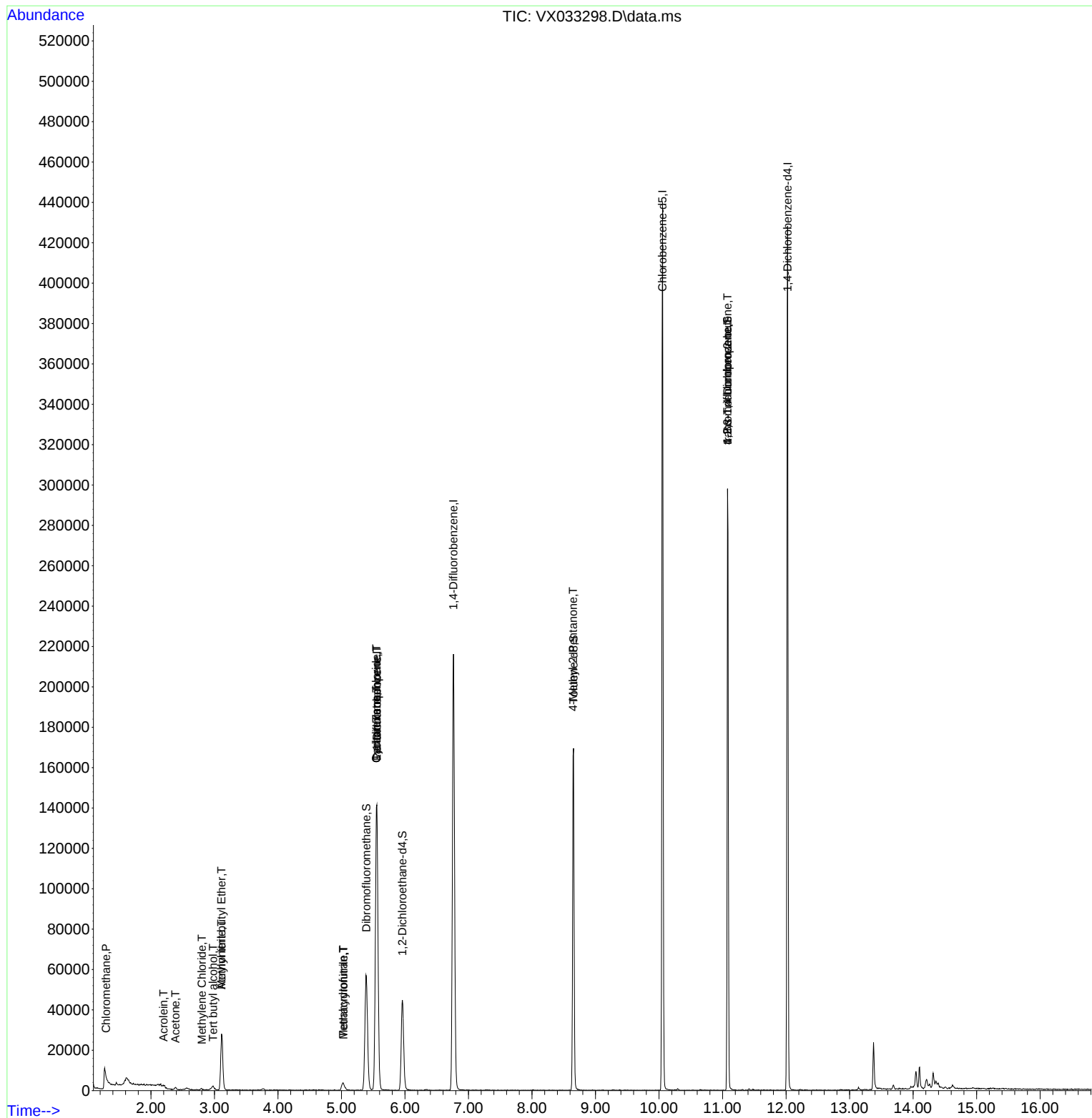
Internal Standards						
1) Pentafluorobenzene	5.556	168	136672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221390	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46311	52.818	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.640%	
35) Dibromofluoromethane	5.391	113	50218	50.431	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.860%	
50) Toluene-d8	8.653	98	103032	49.461	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	11.079	95	77065	48.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	313	0.284	ug/l #	43
11) Tert butyl alcohol	2.977	59	2594	9.677	ug/l	99
13) Acrolein	2.197	56	63	0.217	ug/l #	14
15) Acrylonitrile	3.111	53	425	0.640	ug/l #	26
16) Acetone	2.386	43	1508	2.324	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	30984	7.219	ug/l	99
20) Methylene Chloride	2.800	84	384	0.265	ug/l #	78
29) Tetrahydrofuran	5.025	42	3449	5.716	ug/l	98
31) Cyclohexane	5.550	56	2999	1.439	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	10301	5.306	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14548	6.688	ug/l #	15
41) Methacrylonitrile	5.032	41	2481	2.453	ug/l #	43
51) 4-Methyl-2-Pentanone	8.647	43	474	0.254	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40280	22.424	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40280	69.753	ug/l #	6

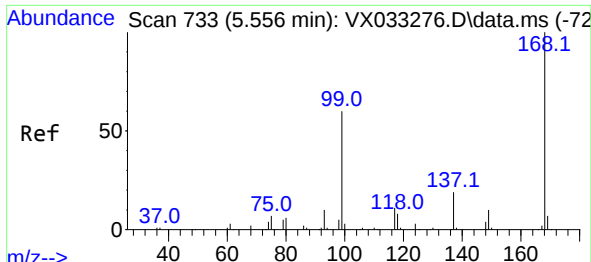
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
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Quant Time: Dec 08 01:44:48 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

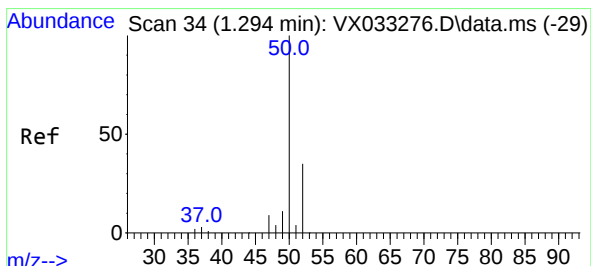
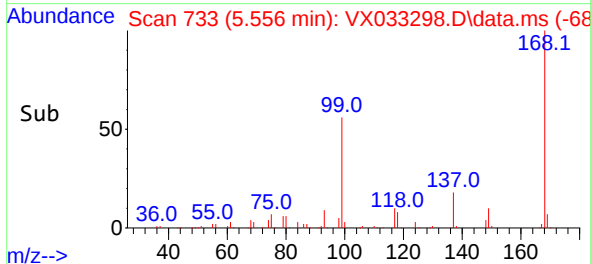
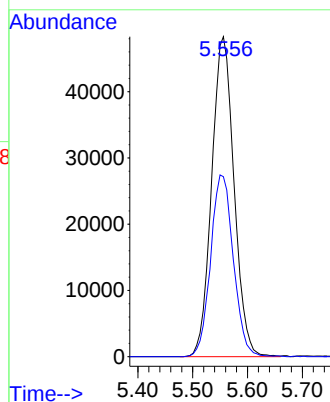
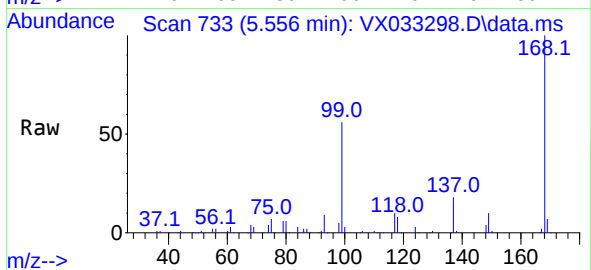




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033298.D
Acq: 07 Dec 2022 21:51

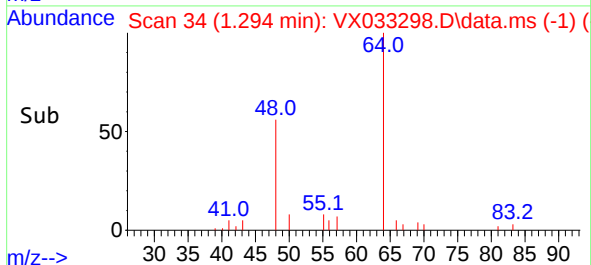
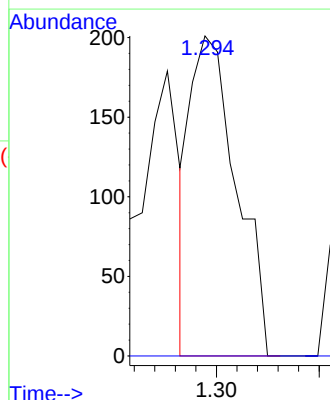
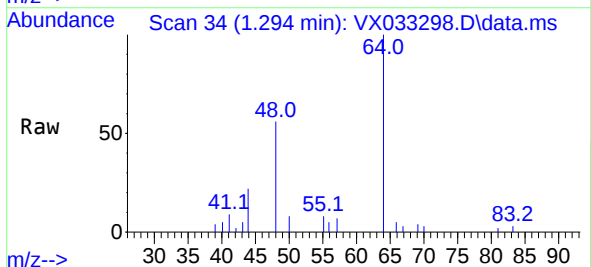
Instrument :
MSVOA_X
ClientSampleId :
MW-8

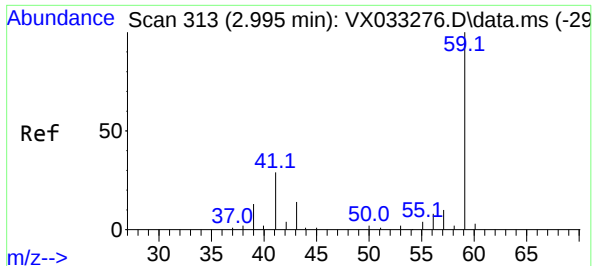
Tgt Ion:168 Resp: 136672
Ion Ratio Lower Upper
168 100
99 56.3 46.1 69.1



#3
Chloromethane
Concen: 0.284 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033298.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 50 Resp: 313
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 9.677 ug/l

RT: 2.977 min Scan# 31

Delta R.T. -0.018 min

Lab File: VX033298.D

Acq: 07 Dec 2022 21:51

Instrument :

MSVOA_X

ClientSampleId :

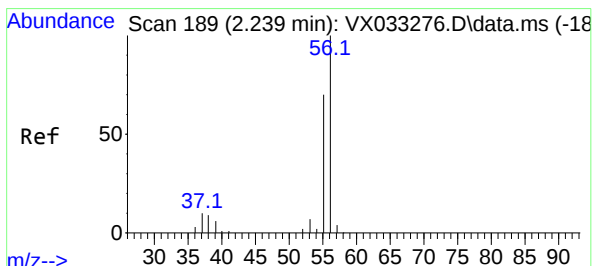
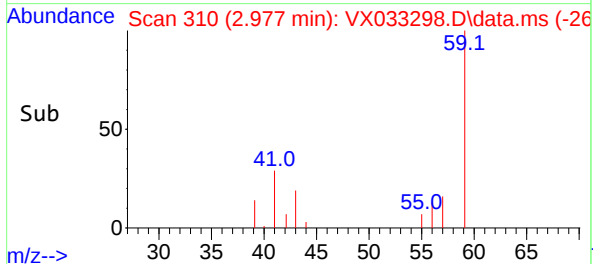
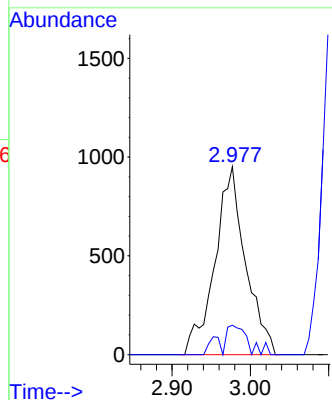
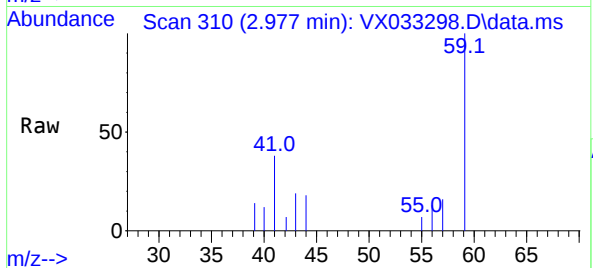
MW-8

Tgt Ion: 59 Resp: 2594

Ion Ratio Lower Upper

59 100

57 10.8 8.2 12.4



#13

Acrolein

Concen: 0.217 ug/l

RT: 2.197 min Scan# 182

Delta R.T. -0.042 min

Lab File: VX033298.D

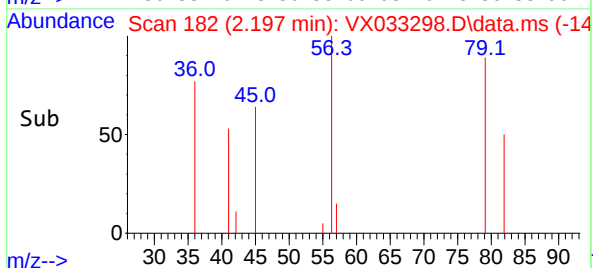
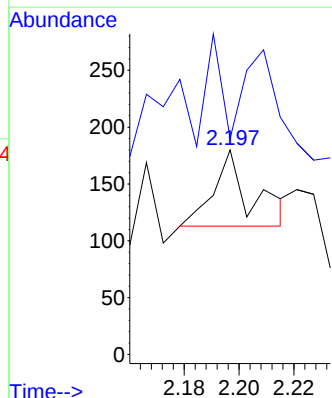
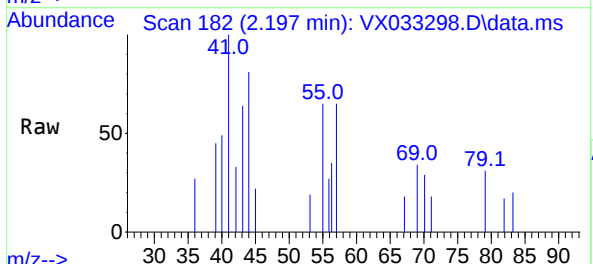
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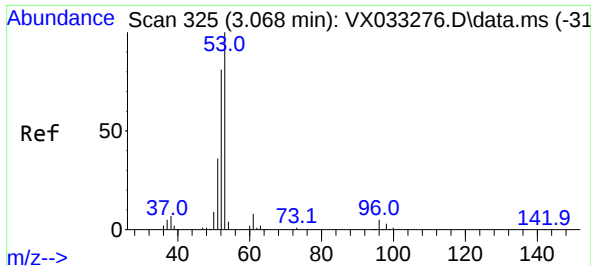
Tgt Ion: 56 Resp: 63

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#

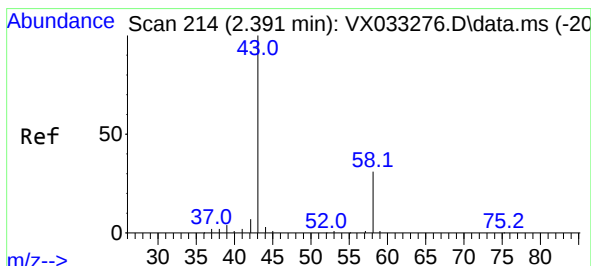
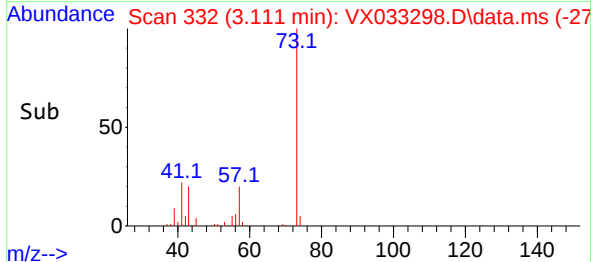
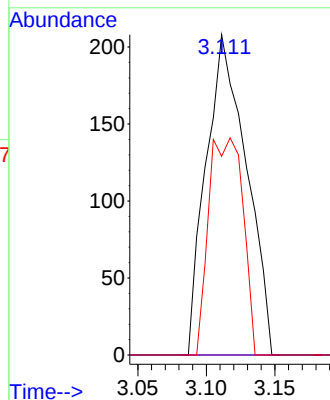
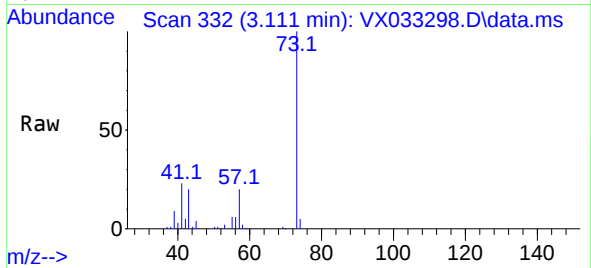




#15
Acrylonitrile
Concen: 0.640 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.043 min
Lab File: VX033298.D
Acq: 07 Dec 2022 21:51

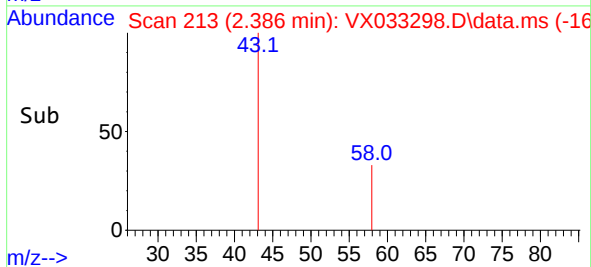
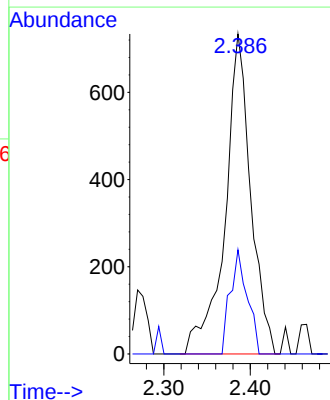
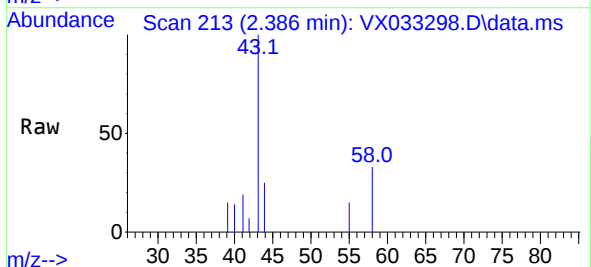
Instrument :
MSVOA_X
ClientSampleId :
MW-8

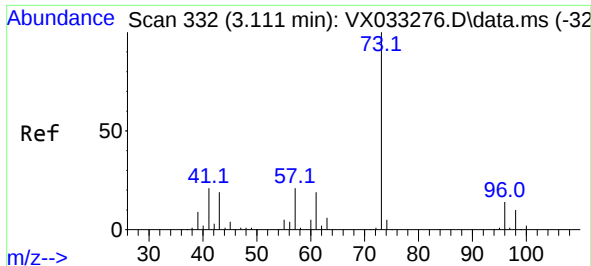
Tgt Ion: 53 Resp: 425
Ion Ratio Lower Upper
53 100
52 0.0 67.4 101.0#
51 57.6 30.3 45.5#



#16
Acetone
Concen: 2.324 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033298.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
58 32.6 23.8 35.8

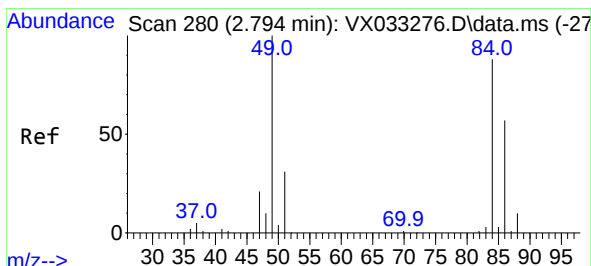
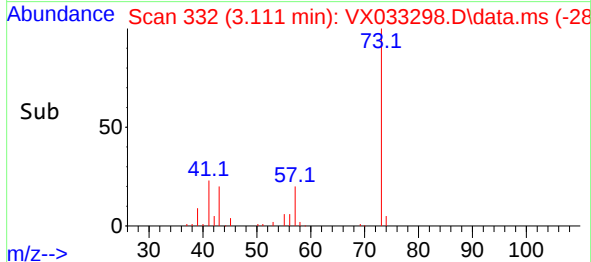
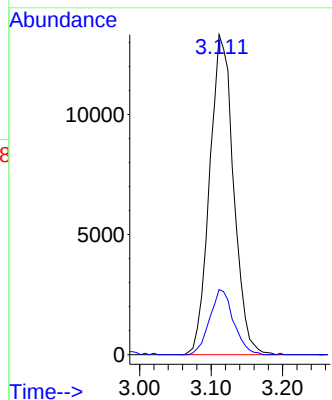
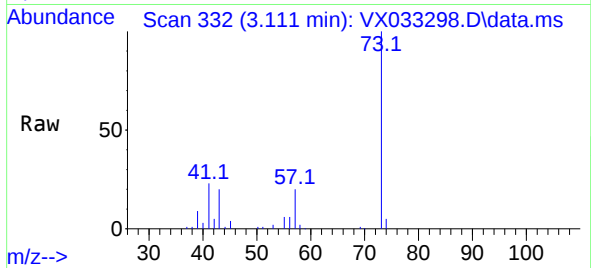




#19
Methyl tert-butyl Ether
Concen: 7.219 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033298.D
Acq: 07 Dec 2022 21:51

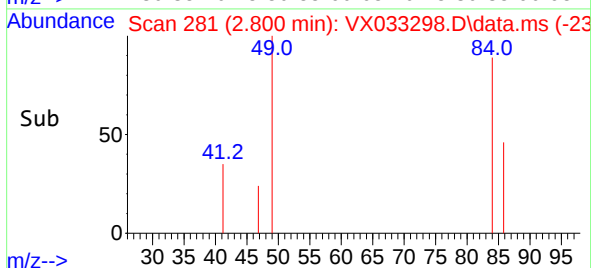
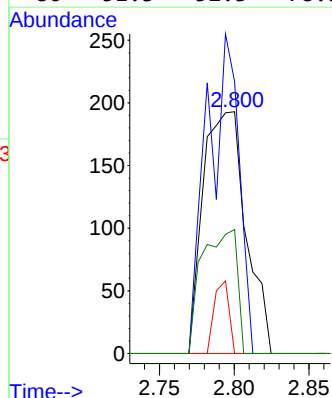
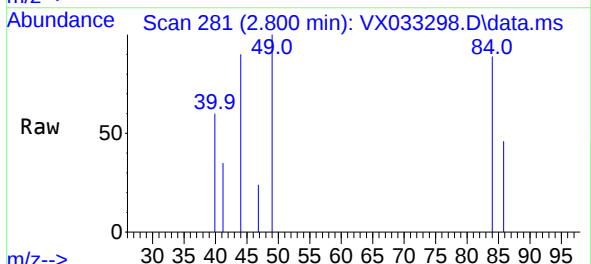
Instrument :
MSVOA_X
ClientSampleId :
MW-8

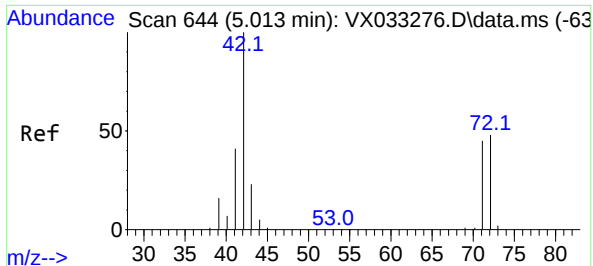
Tgt Ion: 73 Resp: 30984
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0



#20
Methylene Chloride
Concen: 0.265 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX033298.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 84 Resp: 384
Ion Ratio Lower Upper
84 100
49 112.4 101.0 151.6
51 0.0 31.1 46.7#
86 51.3 52.3 78.5#





#29

Tetrahydrofuran

Concen: 5.716 ug/l

RT: 5.025 min Scan# 644

Delta R.T. 0.013 min

Lab File: VX033298.D

Acq: 07 Dec 2022 21:51

Instrument :

MSVOA_X

ClientSampleId :

MW-8

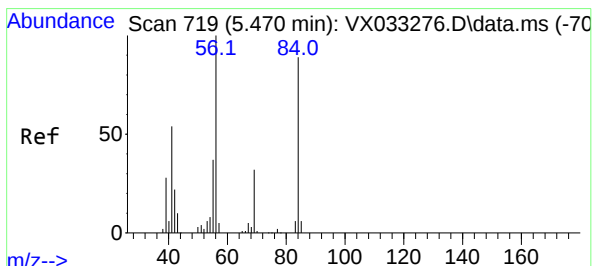
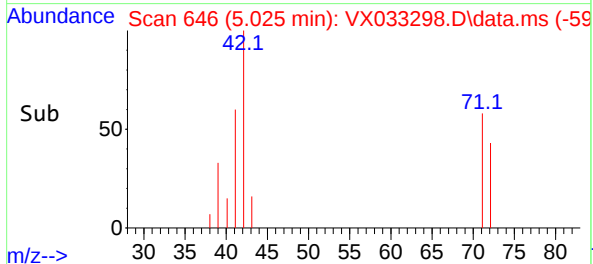
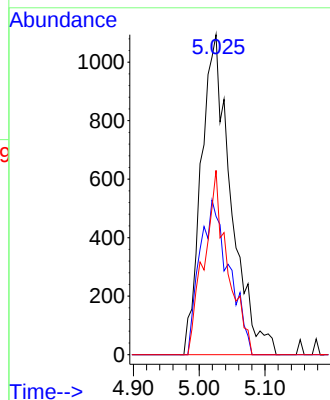
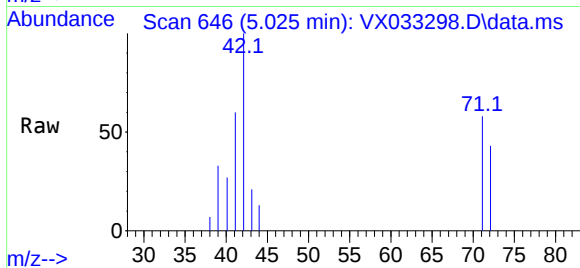
Tgt Ion: 42 Resp: 3449

Ion Ratio Lower Upper

42 100

72 47.4 37.6 56.4

71 45.7 34.7 52.1



#31

Cyclohexane

Concen: 1.439 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX033298.D

Acq: 07 Dec 2022 21:51

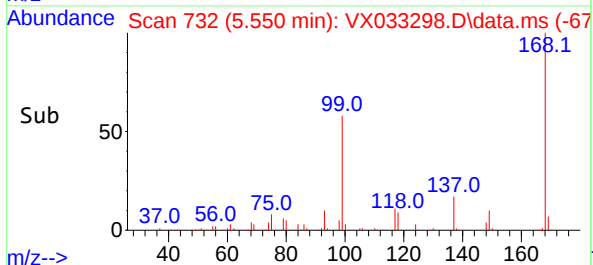
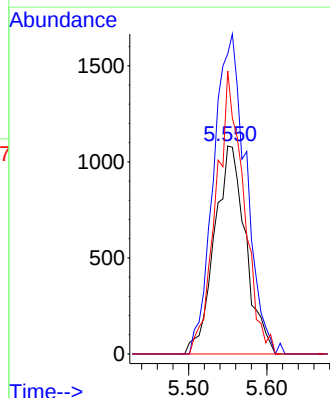
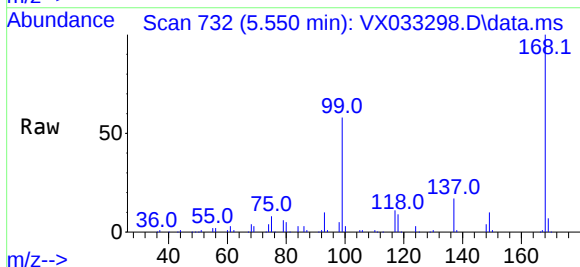
Tgt Ion: 56 Resp: 2999

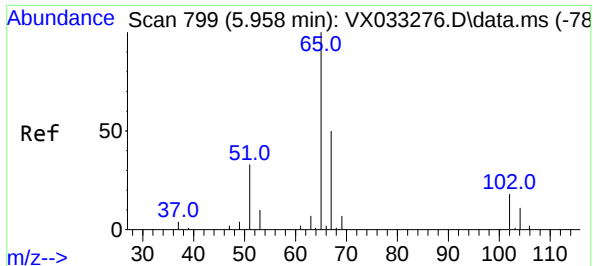
Ion Ratio Lower Upper

56 100

69 144.2 24.1 36.1#

84 136.1 66.9 100.3#

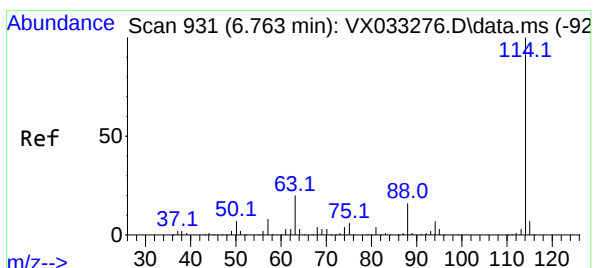
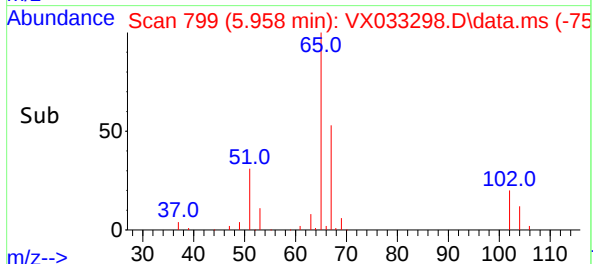
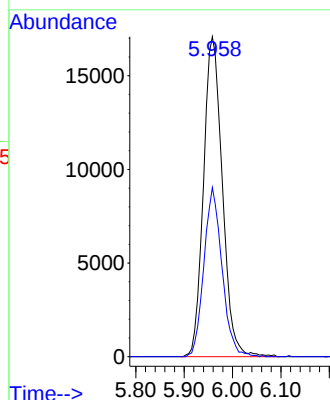
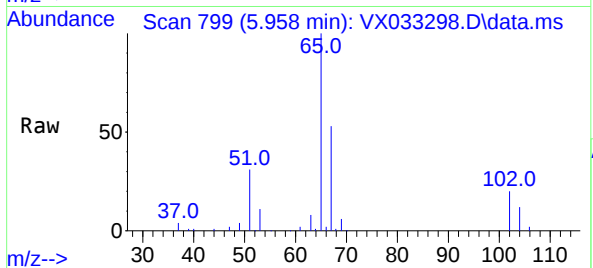




#33
1,2-Dichloroethane-d4
Concen: 52.818 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033298.D
Acq: 07 Dec 2022 21:51

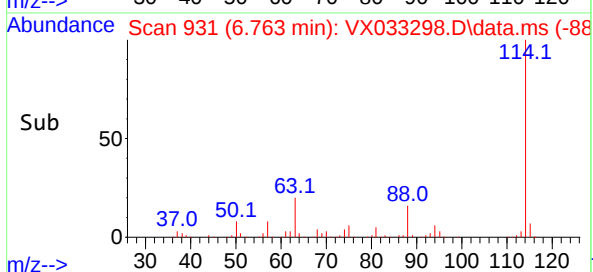
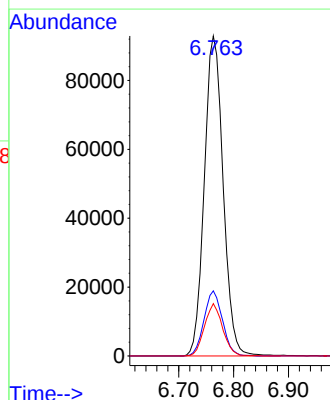
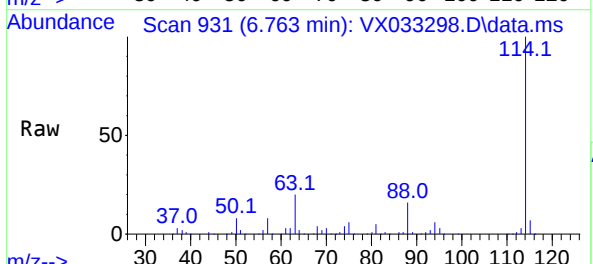
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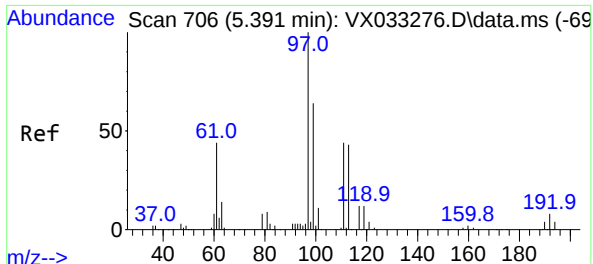
Tgt Ion: 65 Resp: 46311
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033298.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 114 Resp: 221390
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.6
88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.431 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033298.D

Acq: 07 Dec 2022 21:51

Instrument :

MSVOA_X

ClientSampleId :

MW-8

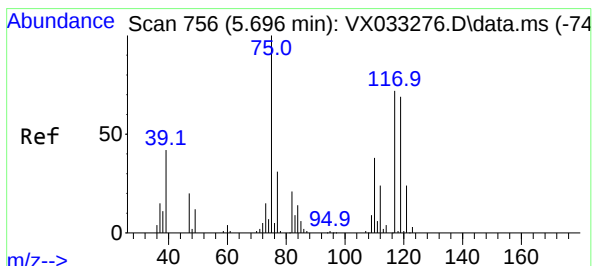
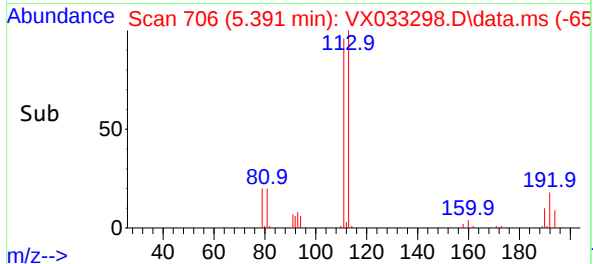
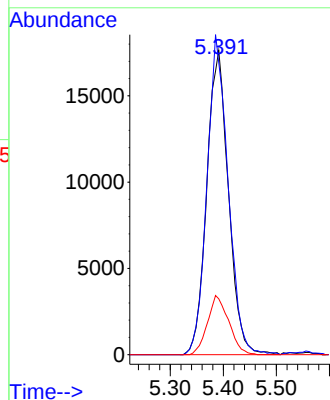
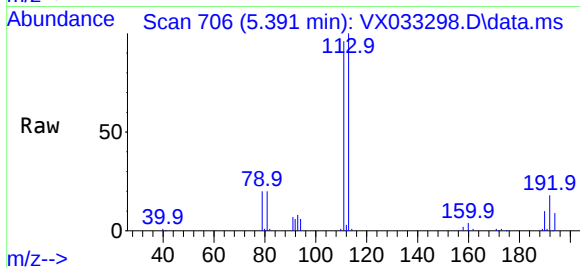
Tgt Ion:113 Resp: 50218

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 19.0 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.306 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX033298.D

Acq: 07 Dec 2022 21:51

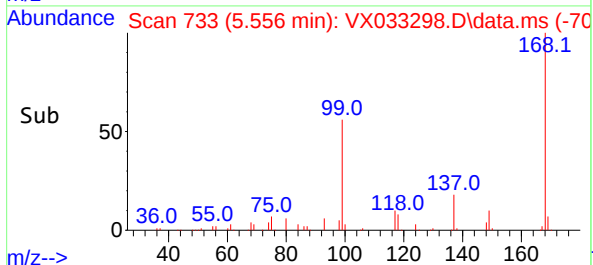
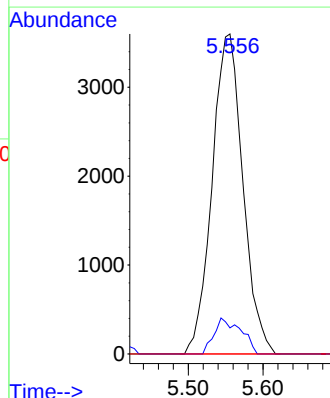
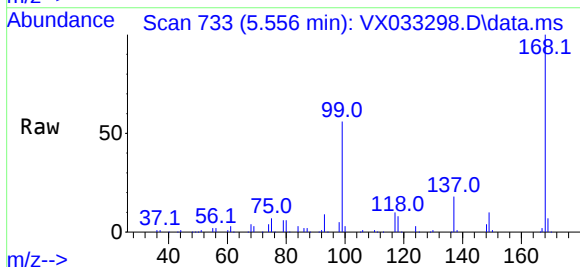
Tgt Ion: 75 Resp: 10301

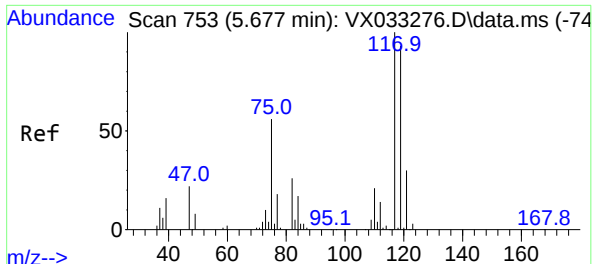
Ion Ratio Lower Upper

75 100

110 9.8 18.4 55.2#

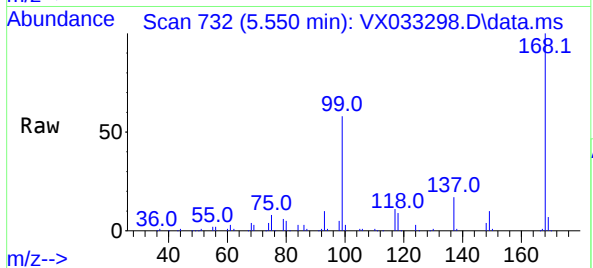
77 0.0 24.5 36.7#



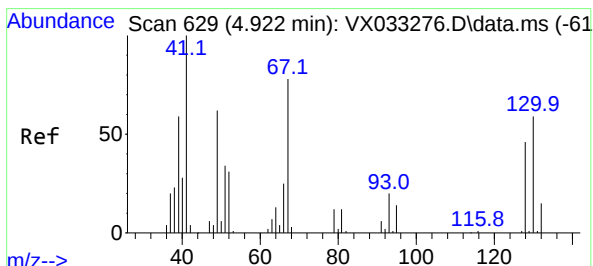
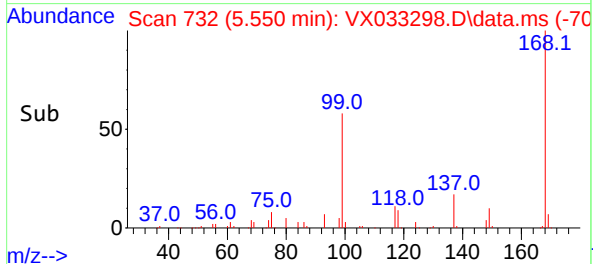
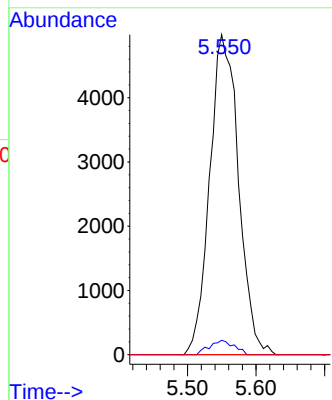


#38
Carbon Tetrachloride
Concen: 6.688 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033298.D
Acq: 07 Dec 2022 21:51

Instrument :
MSVOA_X
ClientSampleId :
MW-8

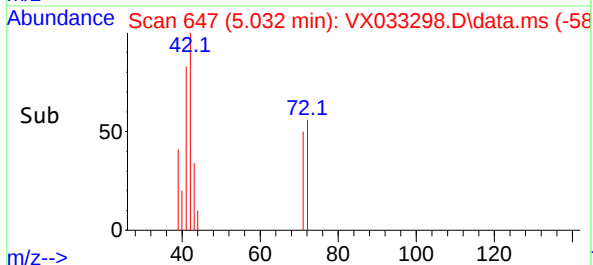
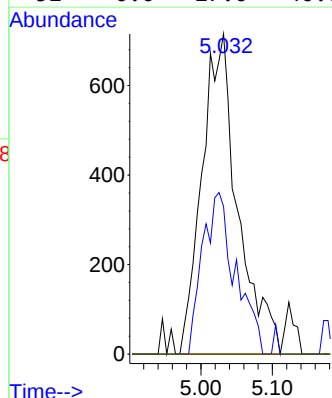
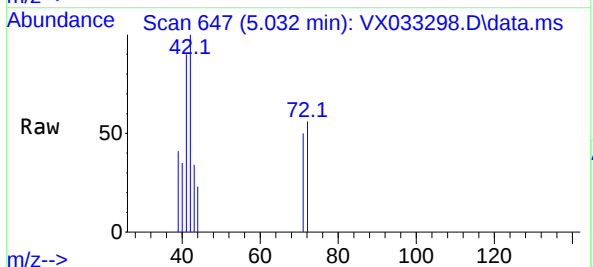


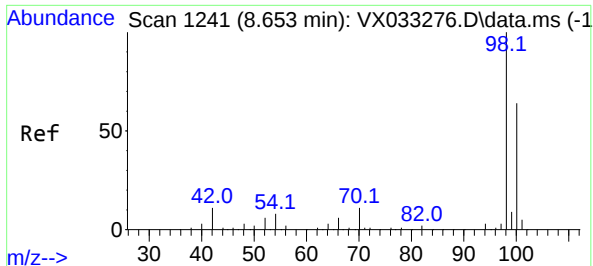
Tgt Ion:117 Resp: 14548
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 25.8 38.6#



#41
Methacrylonitrile
Concen: 2.453 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.110 min
Lab File: VX033298.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 41 Resp: 2481
Ion Ratio Lower Upper
41 100
39 46.6 47.5 71.3#
67 0.0 60.5 90.7#
52 0.0 27.0 40.6#





#50

Toluene-d8

Concen: 49.461 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033298.D

Acq: 07 Dec 2022 21:51

Instrument :

MSVOA_X

ClientSampleId :

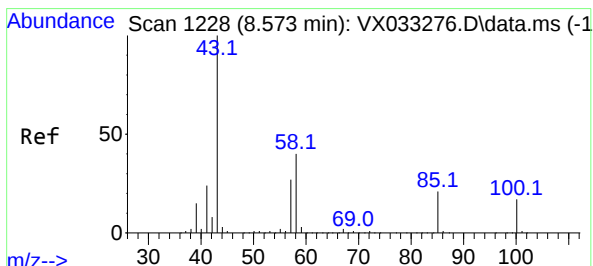
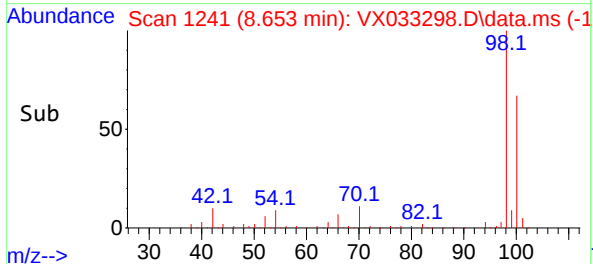
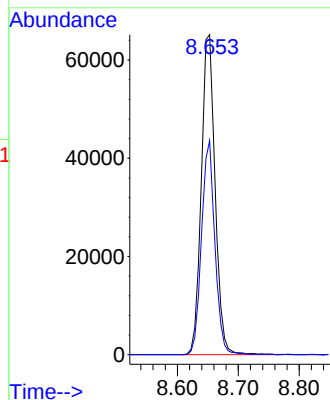
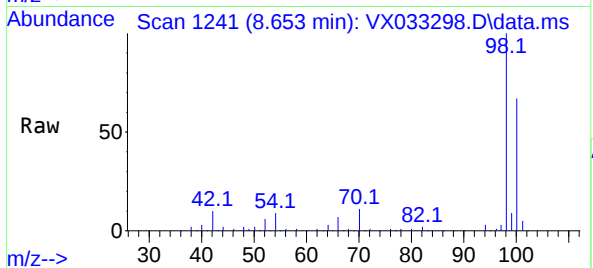
MW-8

Tgt Ion: 98 Resp: 103032

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.254 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX033298.D

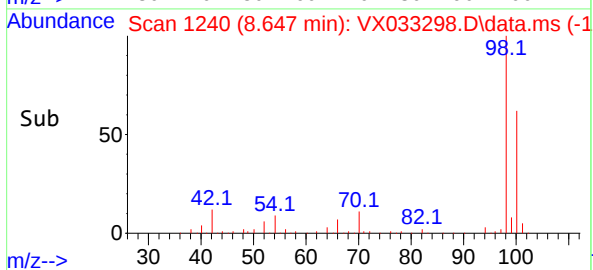
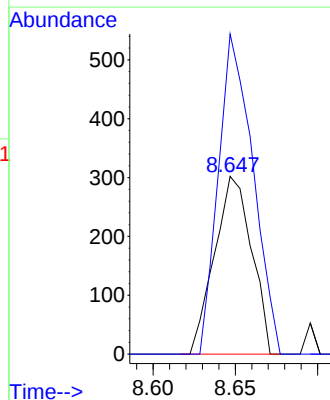
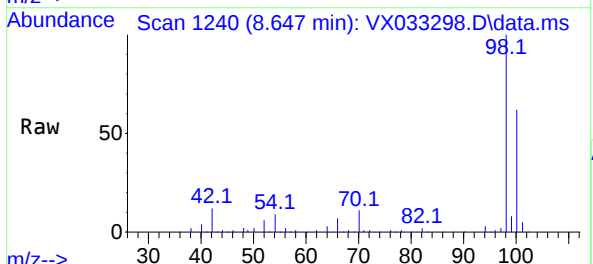
Acq: 07 Dec 2022 21:51

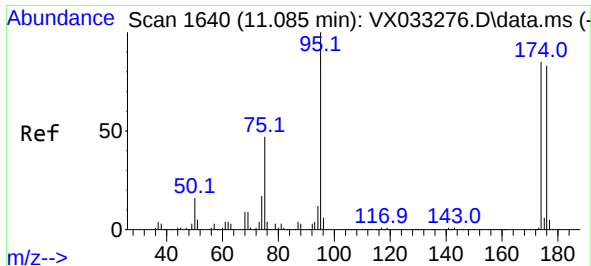
Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

58 167.7 30.9 46.3#

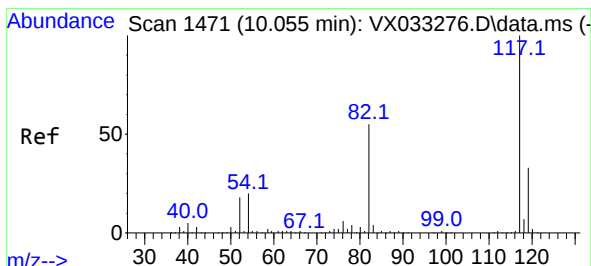
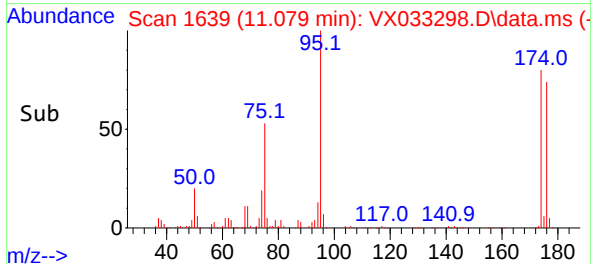
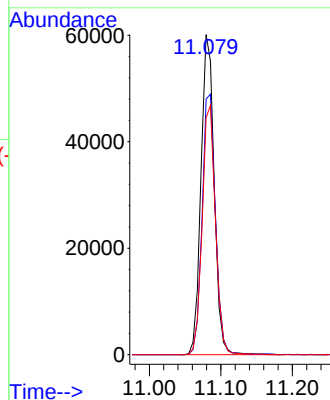
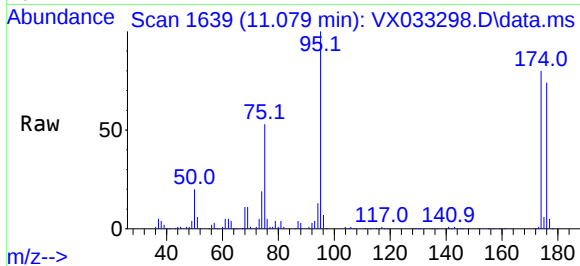




#62
4-Bromofluorobenzene
Concen: 48.384 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX033298.D
Acq: 07 Dec 2022 21:51

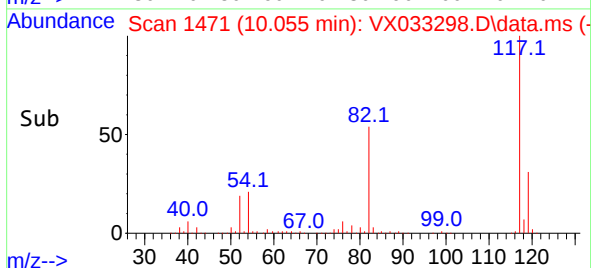
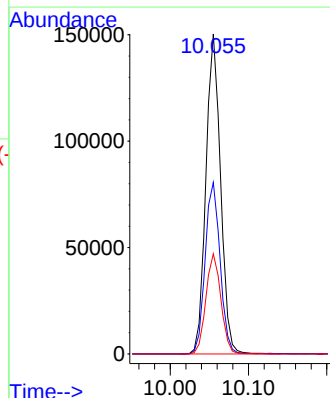
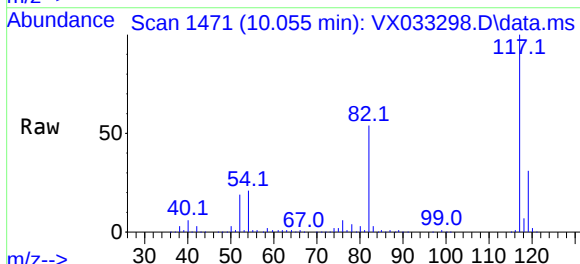
Instrument :
MSVOA_X
ClientSampleId :
MW-8

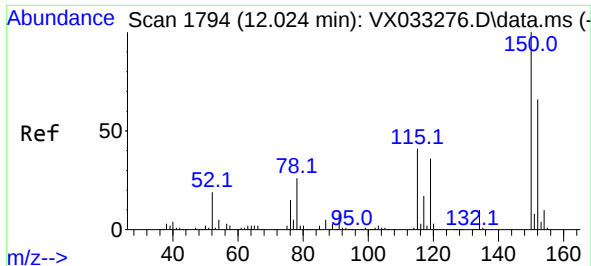
Tgt Ion: 95 Resp: 77065
Ion Ratio Lower Upper
95 100
174 82.2 0.0 164.0
176 78.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033298.D
Acq: 07 Dec 2022 21:51

Tgt Ion: 117 Resp: 194945
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 31.3 25.7 38.5

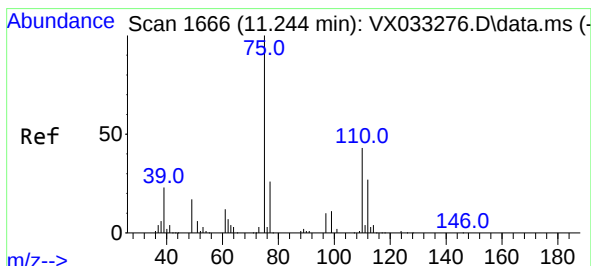
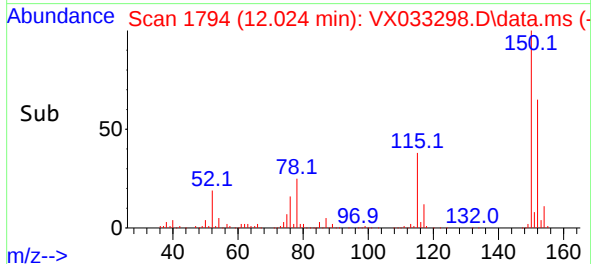
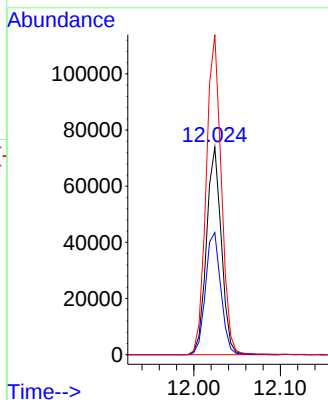
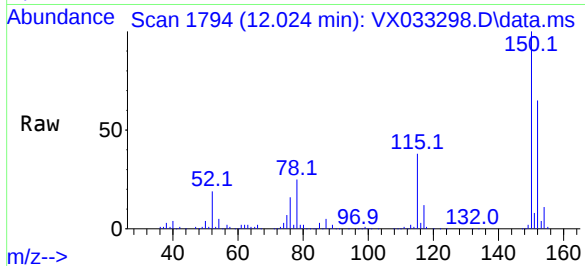




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033298.D
Acq: 07 Dec 2022 21:51

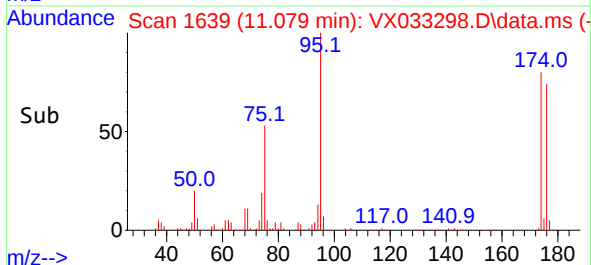
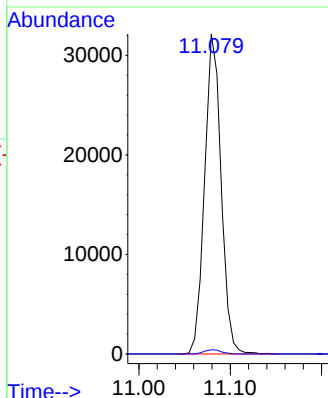
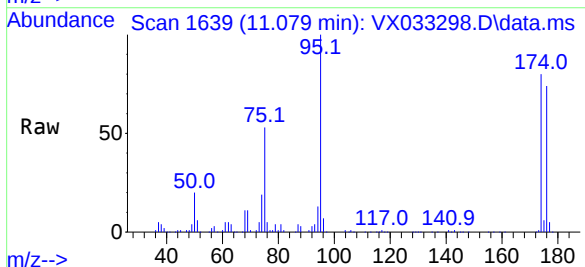
Instrument :
MSVOA_X
ClientSampleId :
MW-8

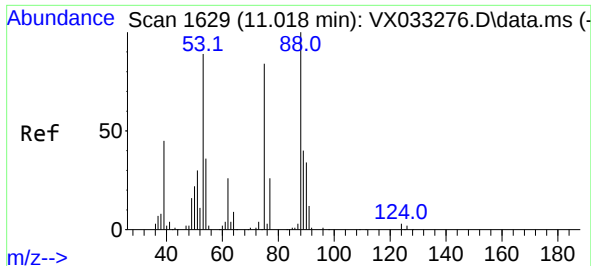
Tgt Ion:152 Resp: 88292
Ion Ratio Lower Upper
152 100
115 60.9 44.0 132.0
150 156.9 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 22.424 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033298.D
Acq: 07 Dec 2022 21:51

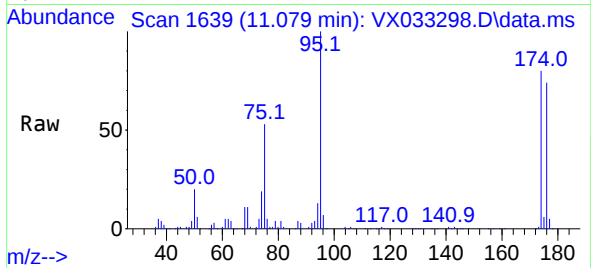
Tgt Ion: 75 Resp: 40280
Ion Ratio Lower Upper
75 100
77 1.3 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.753 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033298.D
 Acq: 07 Dec 2022 21:51

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8



Tgt Ion: 75 Resp: 40280
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

