

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033397.D
 Acq On : 13 Dec 2022 17:03
 Operator : JC/MD
 Sample : N6001-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11C

Quant Time: Dec 14 05:39:51 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)

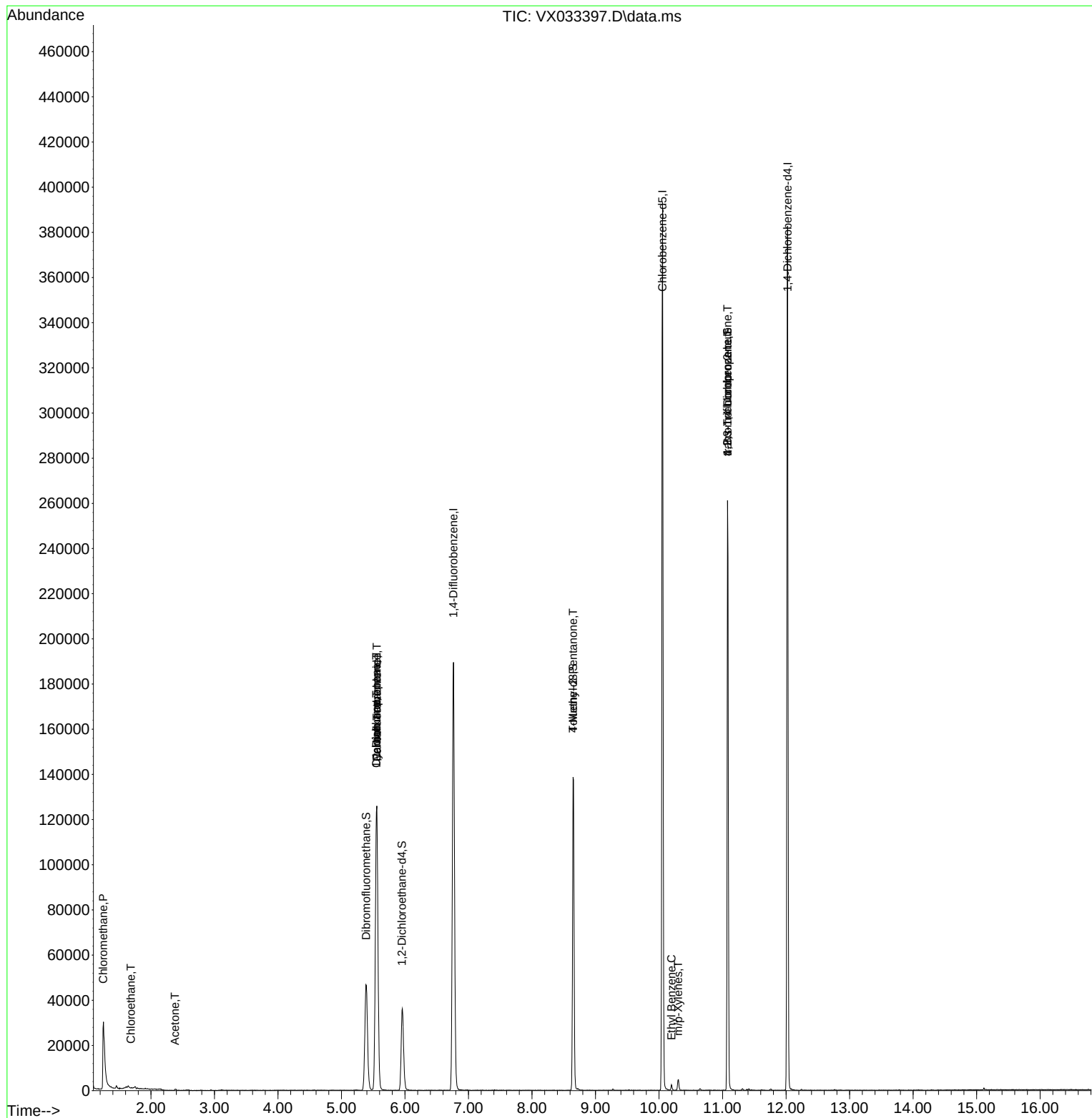
Internal Standards						
1) Pentafluorobenzene	5.556	168	121791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	37456	47.939	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.880%
35) Dibromofluoromethane	5.385	113	42139	48.072	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	8.647	98	87807	47.884	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.760%
62) 4-Bromofluorobenzene	11.079	95	69230	49.375	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.760%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	1097	1.115	ug/l #	43
6) Chloroethane	1.685	64	212	0.249	ug/l #	42
16) Acetone	2.380	43	596	1.031	ug/l	95
31) Cyclohexane	5.550	56	2371	1.277	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9136	5.346	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12699	6.632	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	374	0.228	ug/l #	1
67) Ethyl Benzene	10.195	91	1610	0.257	ug/l	95
68) m/p-Xylenes	10.299	106	1231	0.504	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	35670	21.198	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35670	65.939	ug/l #	6

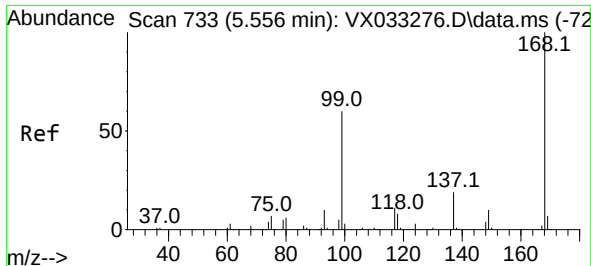
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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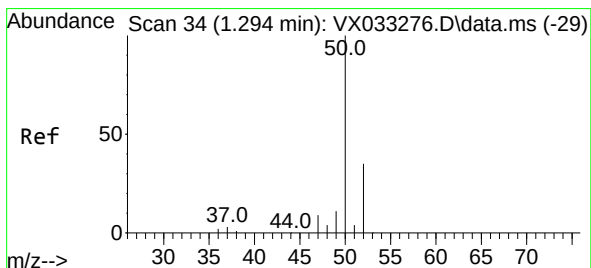
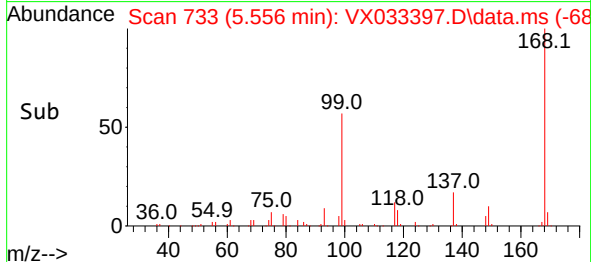
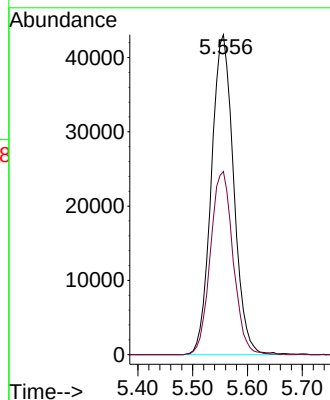
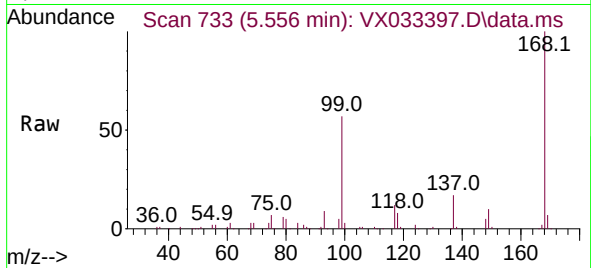




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033397.D
Acq: 13 Dec 2022 17:03

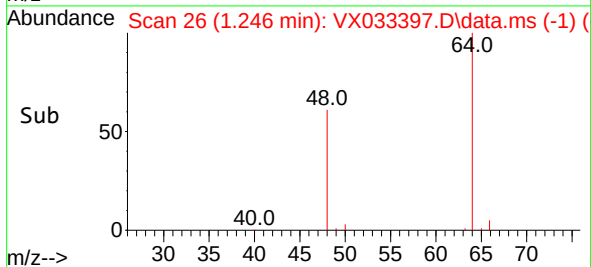
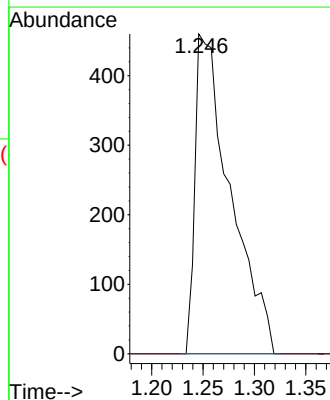
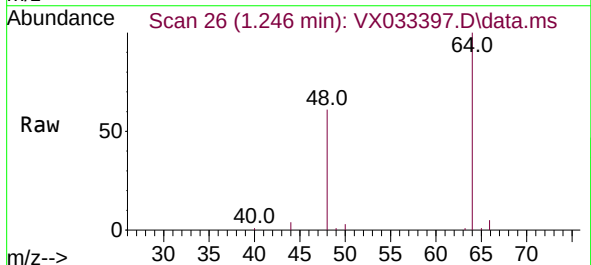
Instrument :
MSVOA_X
ClientSampleId :
MW-11C

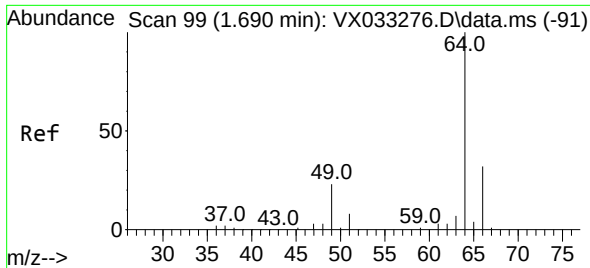
Tgt Ion:168 Resp: 121791
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1



#3
Chloromethane
Concen: 1.115 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.048 min
Lab File: VX033397.D
Acq: 13 Dec 2022 17:03

Tgt Ion: 50 Resp: 1097
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

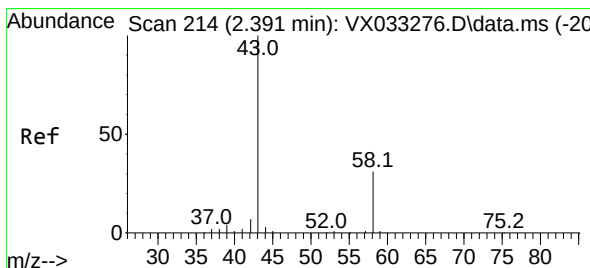
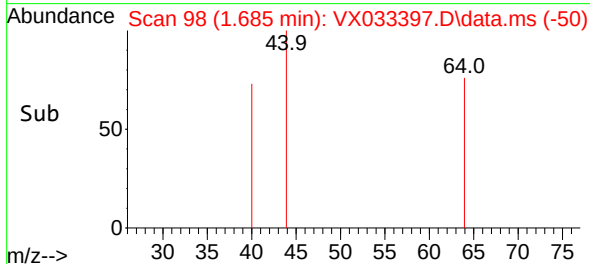
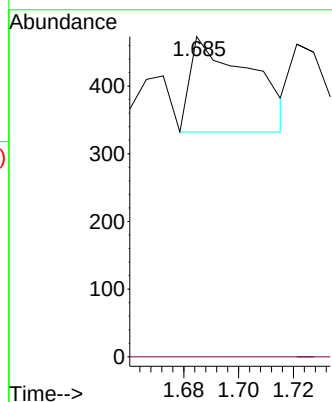
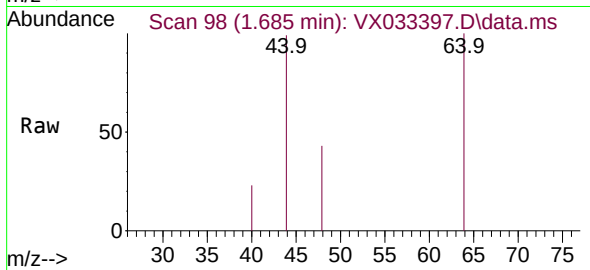




#6
Chloroethane
Concen: 0.249 ug/l
RT: 1.685 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033397.D
Acq: 13 Dec 2022 17:03

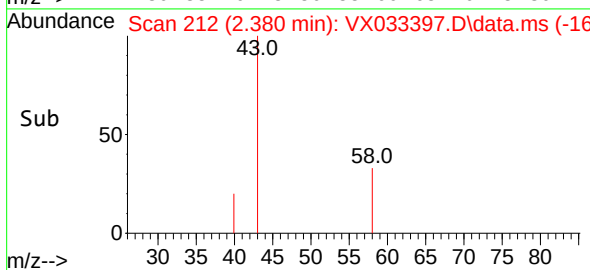
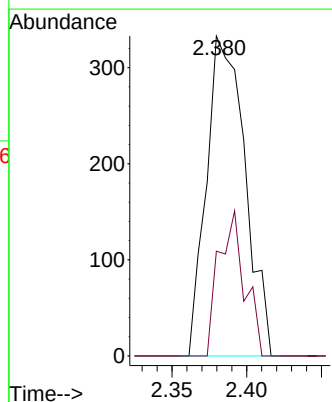
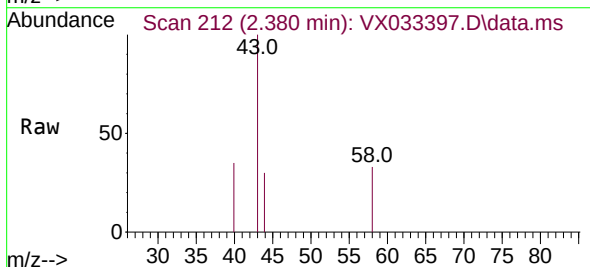
Instrument :
MSVOA_X
ClientSampleId :
MW-11C

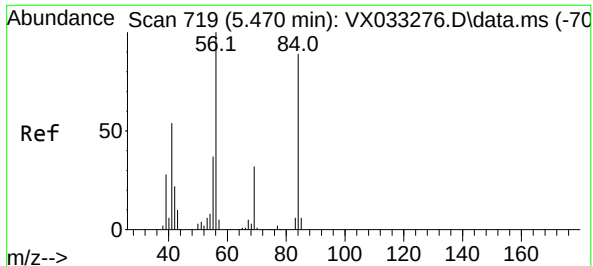
Tgt Ion: 64 Resp: 212
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#16
Acetone
Concen: 1.031 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX033397.D
Acq: 13 Dec 2022 17:03

Tgt Ion: 43 Resp: 596
Ion Ratio Lower Upper
43 100
58 32.7 23.8 35.8

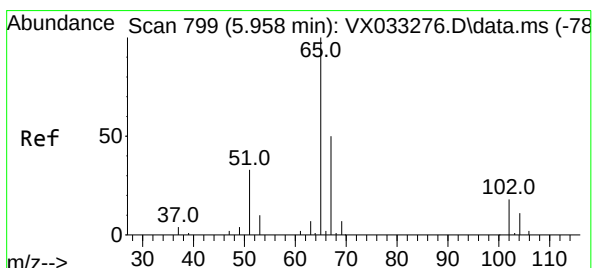
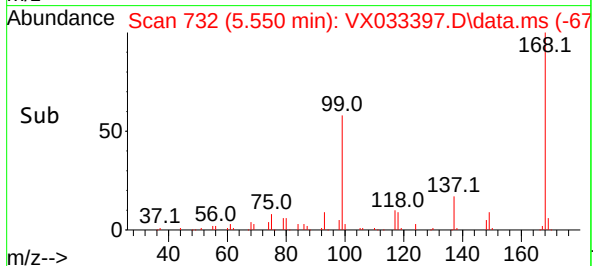
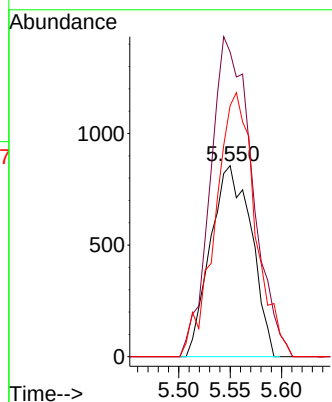
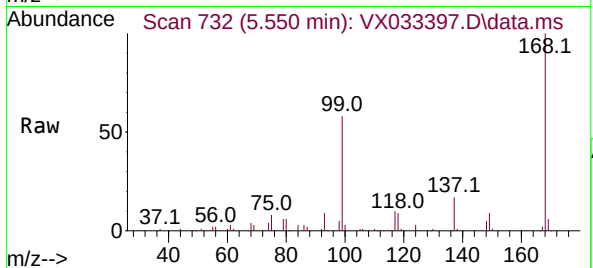




#31
Cyclohexane
Concen: 1.277 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033397.D
Acq: 13 Dec 2022 17:03

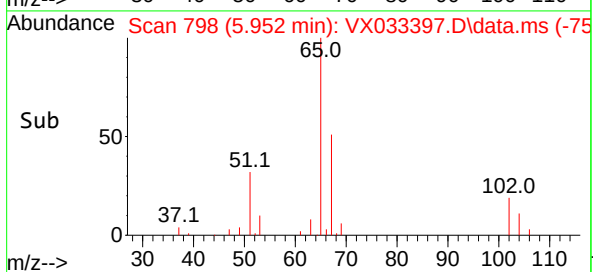
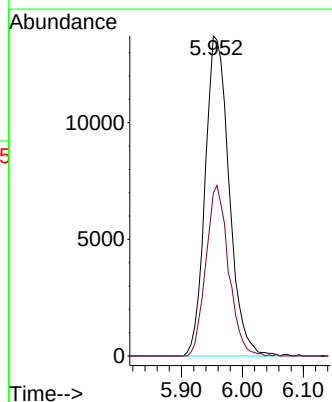
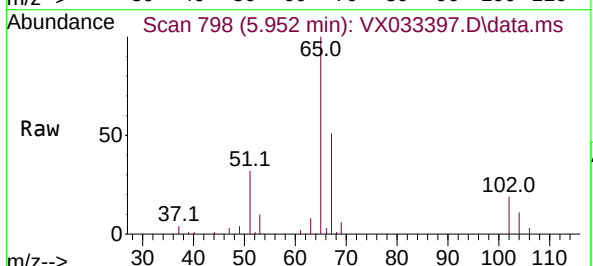
Instrument :
MSVOA_X
ClientSampleId :
MW-11C

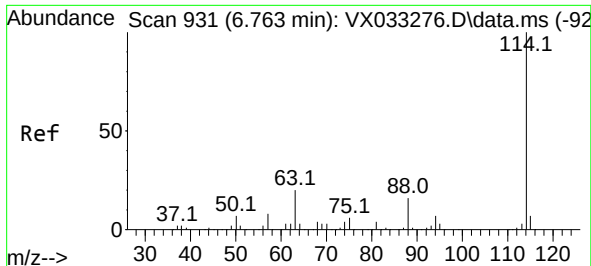
Tgt Ion: 56 Resp: 2371
Ion Ratio Lower Upper
56 100
69 159.5 24.1 36.1#
84 131.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 47.939 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033397.D
Acq: 13 Dec 2022 17:03

Tgt Ion: 65 Resp: 37456
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX033397.D

Acq: 13 Dec 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

MW-11C

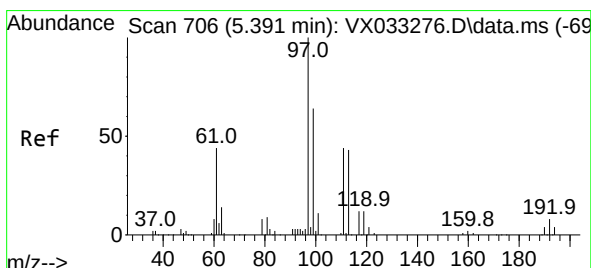
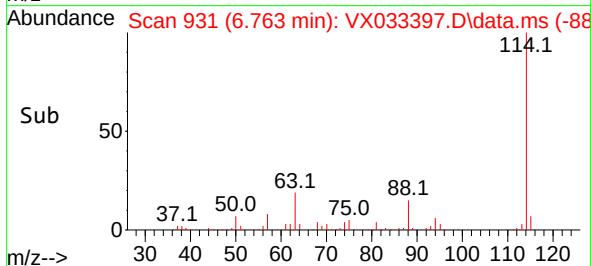
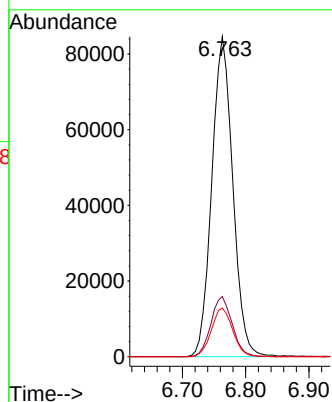
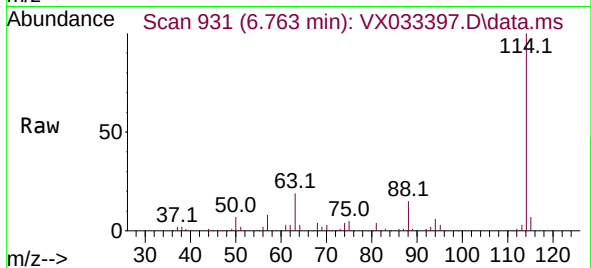
Tgt Ion:114 Resp: 194891

Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.6

88 15.2 0.0 33.4



#35

Dibromofluoromethane

Concen: 48.072 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033397.D

Acq: 13 Dec 2022 17:03

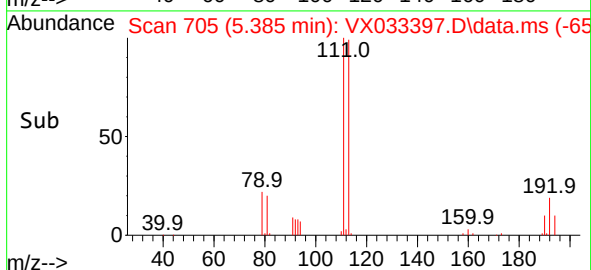
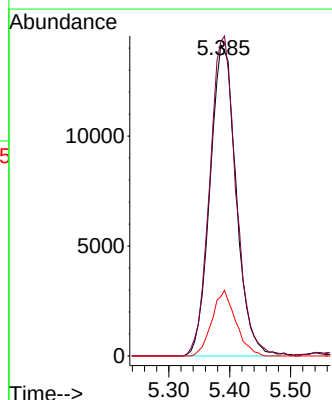
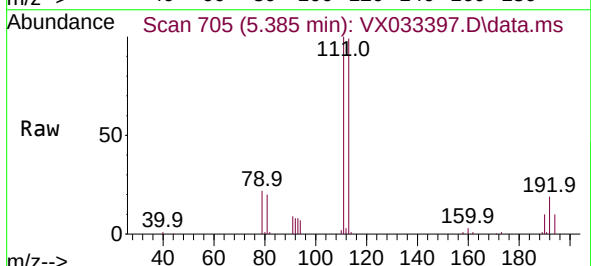
Tgt Ion:113 Resp: 42139

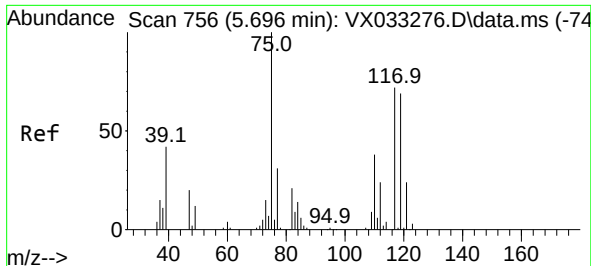
Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 19.3 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.346 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX033397.D

Acq: 13 Dec 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

MW-11C

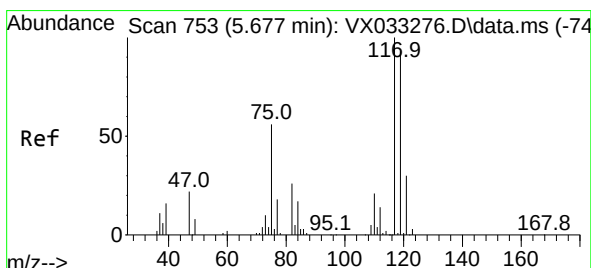
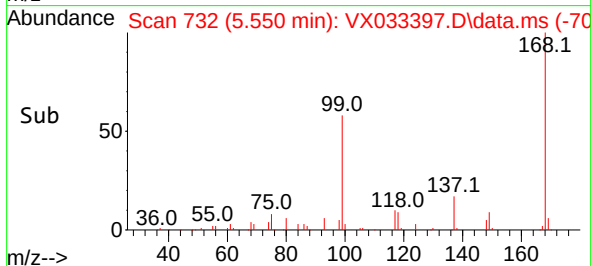
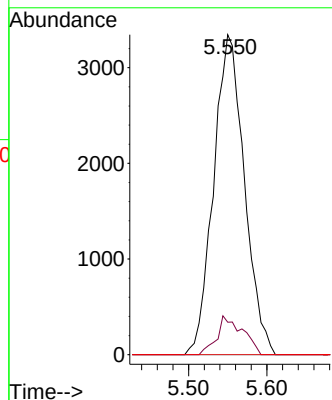
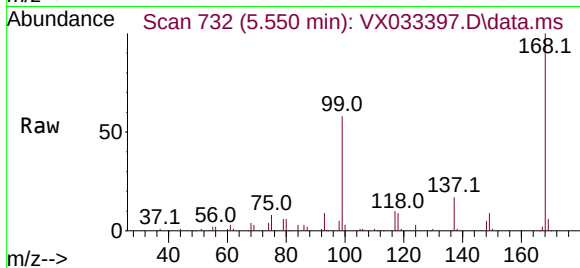
Tgt Ion: 75 Resp: 9136

Ion Ratio Lower Upper

75 100

110 10.1 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.632 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX033397.D

Acq: 13 Dec 2022 17:03

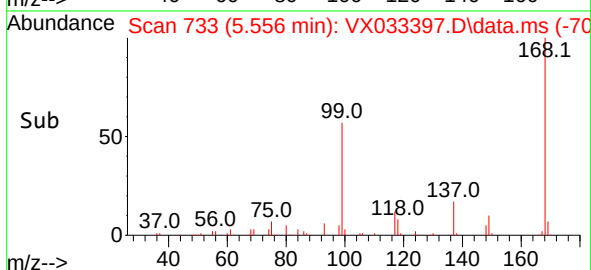
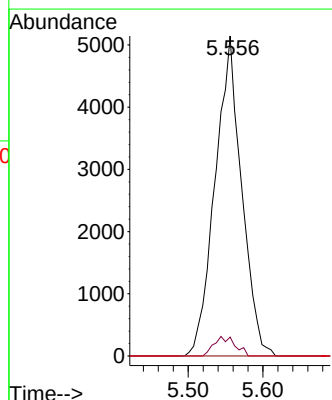
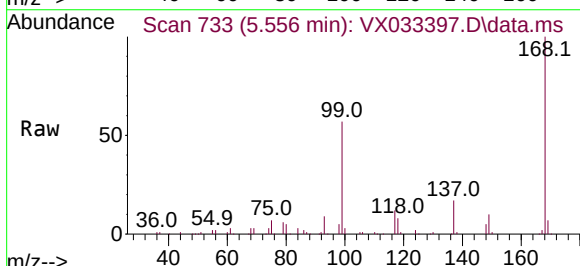
Tgt Ion: 117 Resp: 12699

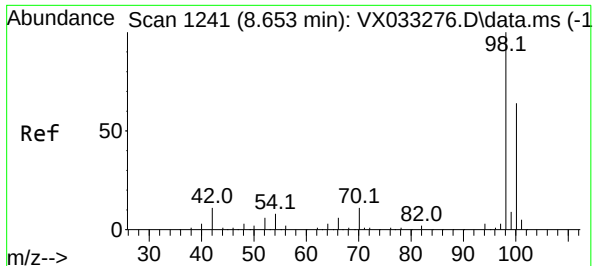
Ion Ratio Lower Upper

117 100

119 5.9 77.2 115.8#

121 0.0 25.8 38.6#

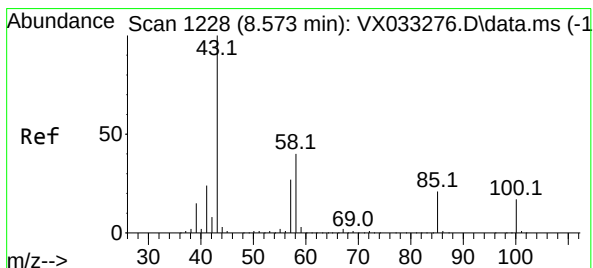
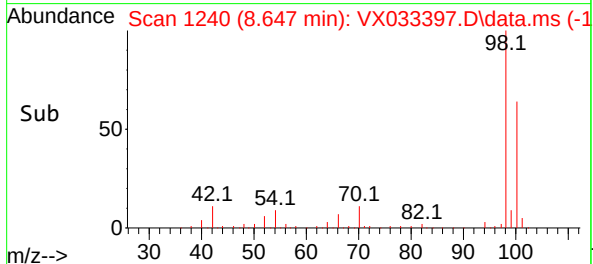
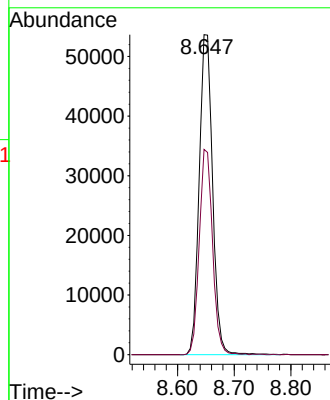
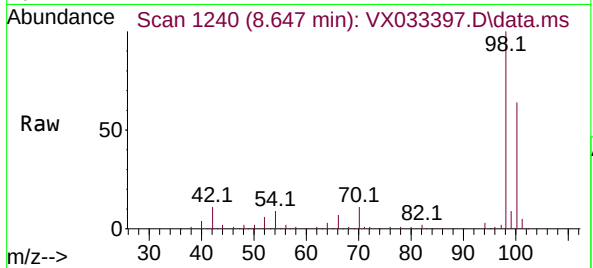




#50
Toluene-d8
Concen: 47.884 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033397.D
Acq: 13 Dec 2022 17:03

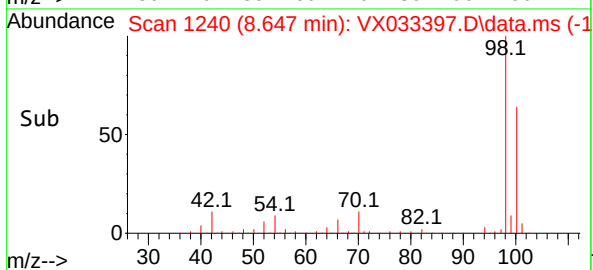
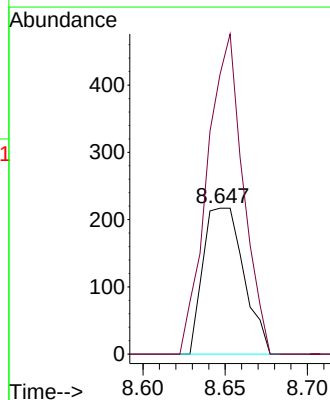
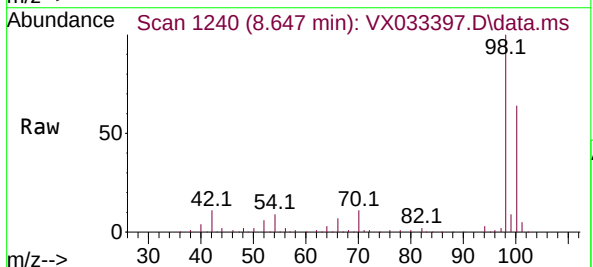
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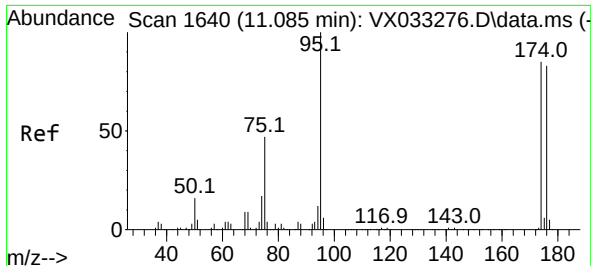
Tgt Ion: 98 Resp: 87807
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.228 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX033397.D
Acq: 13 Dec 2022 17:03

Tgt Ion: 43 Resp: 374
Ion Ratio Lower Upper
43 100
58 193.6 30.9 46.3#

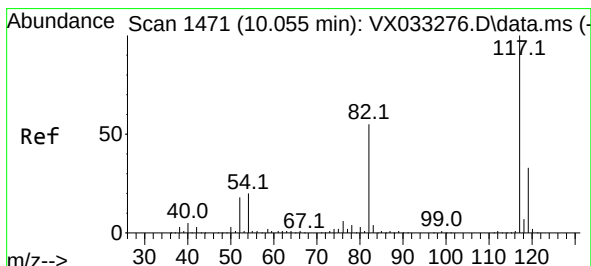
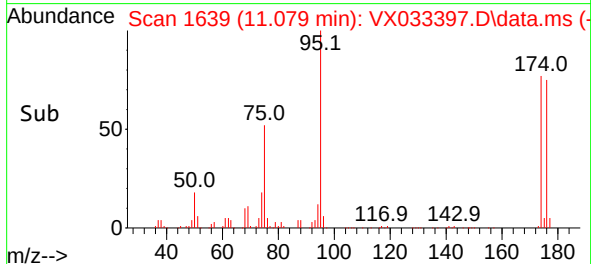
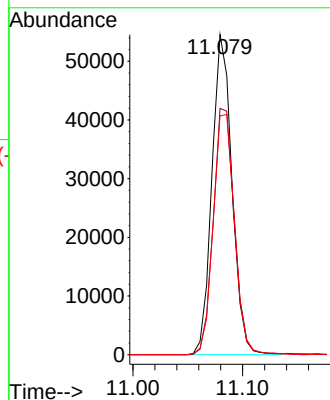
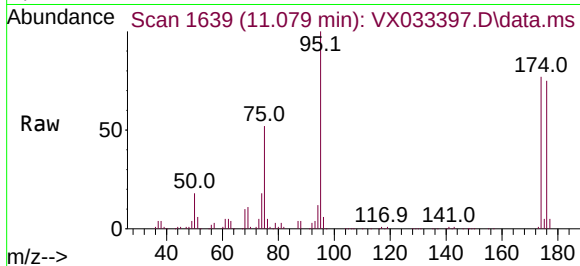




#62
4-Bromofluorobenzene
Concen: 49.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033397.D
Acq: 13 Dec 2022 17:03

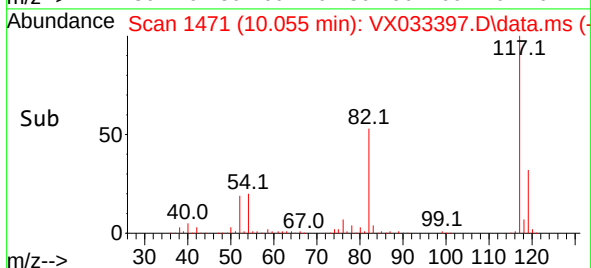
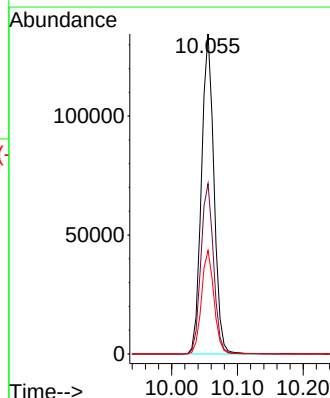
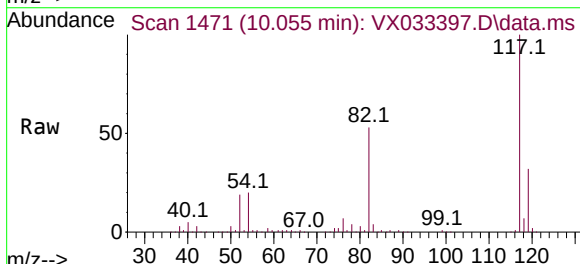
Instrument :
MSVOA_X
ClientSampleId :
MW-11C

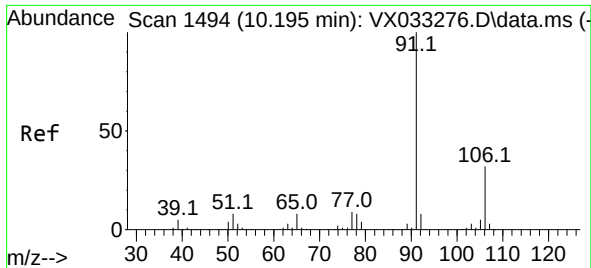
Tgt Ion: 95 Resp: 69230
Ion Ratio Lower Upper
95 100
174 81.3 0.0 164.0
176 80.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033397.D
Acq: 13 Dec 2022 17:03

Tgt Ion: 117 Resp: 177892
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 32.4 25.7 38.5





#67

Ethyl Benzene

Concen: 0.257 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033397.D

Acq: 13 Dec 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

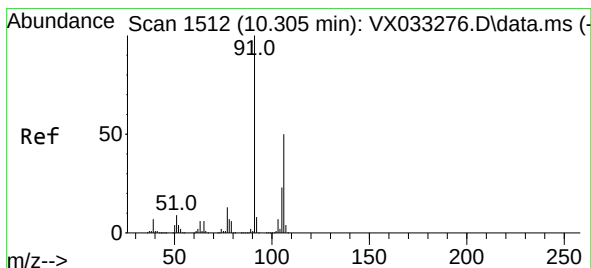
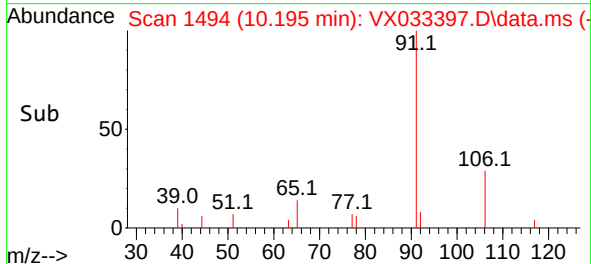
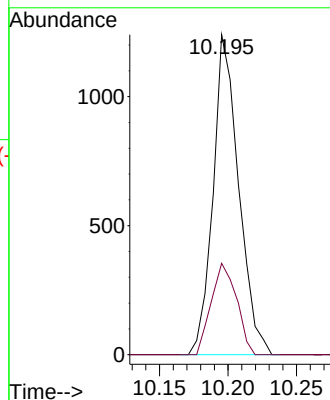
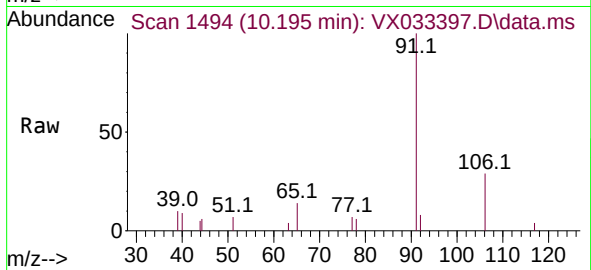
MW-11C

Tgt Ion: 91 Resp: 1610

Ion Ratio Lower Upper

91 100

106 28.5 25.0 37.6



#68

m/p-Xylenes

Concen: 0.504 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX033397.D

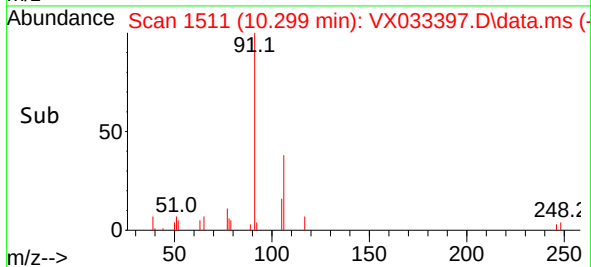
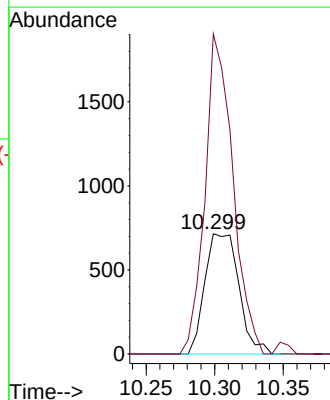
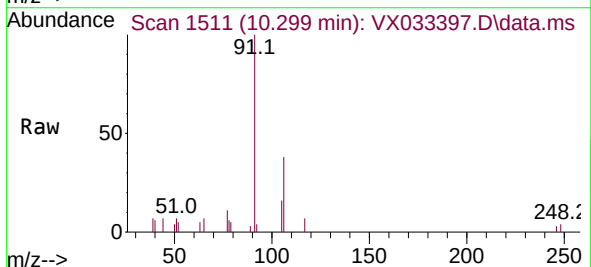
Acq: 13 Dec 2022 17:03

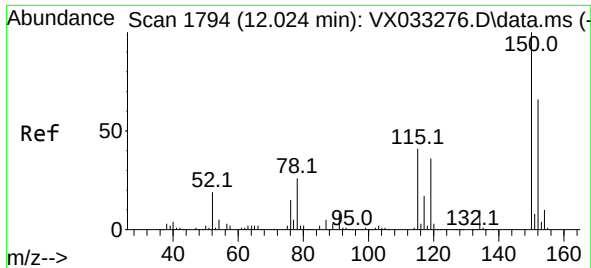
Tgt Ion: 106 Resp: 1231

Ion Ratio Lower Upper

106 100

91 219.4 164.5 246.7

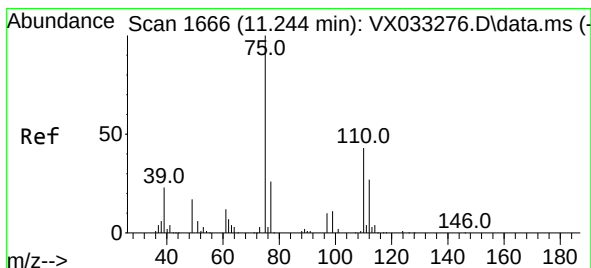
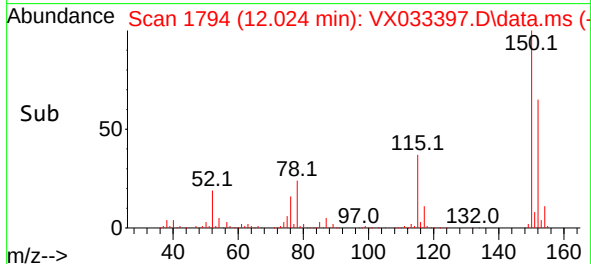
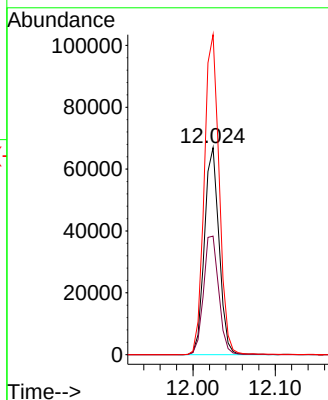
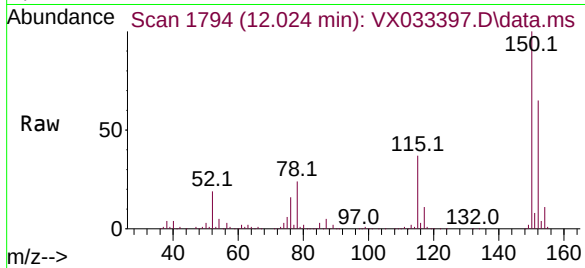




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033397.D
 Acq: 13 Dec 2022 17:03

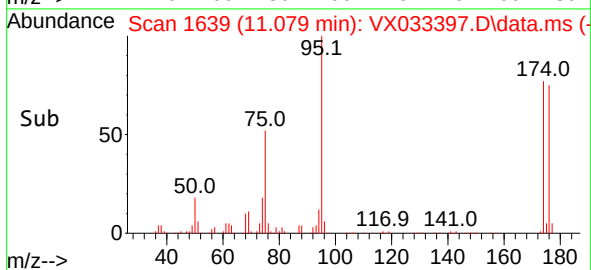
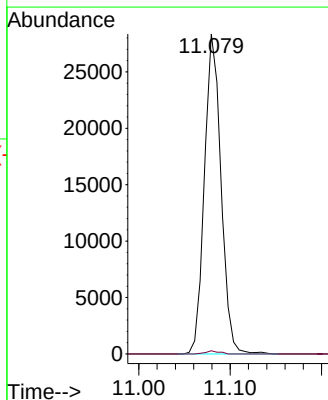
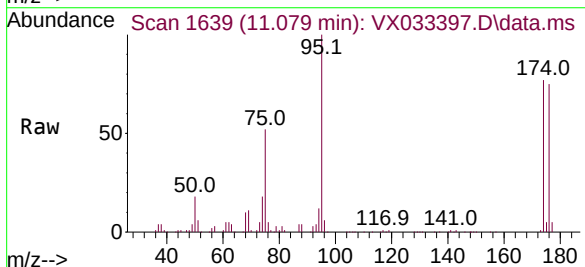
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11C

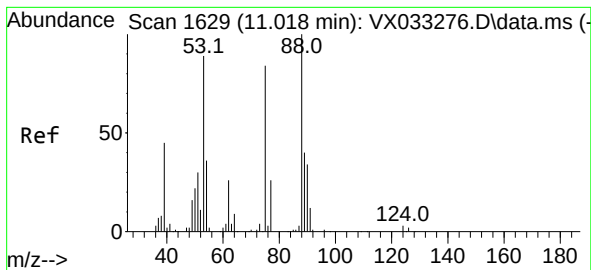
Tgt Ion:152 Resp: 82710
 Ion Ratio Lower Upper
 152 100
 115 59.6 44.0 132.0
 150 157.8 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 21.198 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033397.D
 Acq: 13 Dec 2022 17:03

Tgt Ion: 75 Resp: 35670
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.939 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033397.D
 Acq: 13 Dec 2022 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11C

Tgt Ion: 75 Resp: 35670
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

