

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033386.D
 Acq On : 13 Dec 2022 12:49
 Operator : JC/MD
 Sample : N6001-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Dec 14 05:36:05 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)

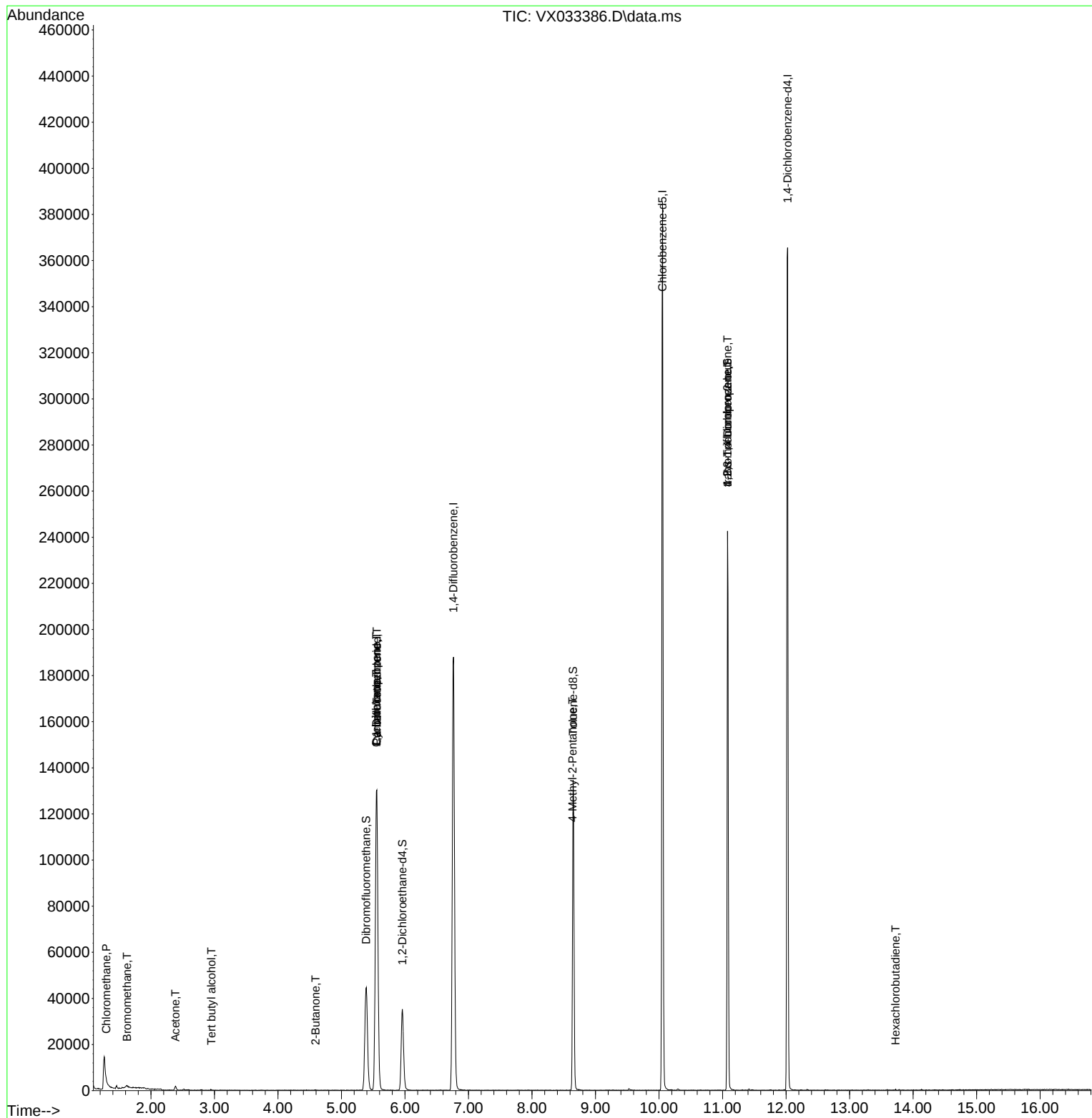
Internal Standards						
1) Pentafluorobenzene	5.556	168	127886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36087	43.985	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.980%		
35) Dibromofluoromethane	5.385	113	40283	44.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.260%		
50) Toluene-d8	8.647	98	83255	44.096	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.200%#		
62) 4-Bromofluorobenzene	11.079	95	63819	44.207	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.420%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	213	0.206	ug/l #	43
5) Bromomethane	1.624	94	195	0.225	ug/l	100
11) Tert butyl alcohol	2.953	59	86	0.343	ug/l #	72
16) Acetone	2.386	43	2112	3.479	ug/l	91
25) 2-Butanone	4.593	43	252	0.289	ug/l #	47
31) Cyclohexane	5.550	56	2334	1.197	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	9703	5.514	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13011	6.600	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	353	0.209	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32177	19.210	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32177	59.755	ug/l #	6
94) Hexachlorobutadiene	13.725	225	144	0.218	ug/l #	64

(#) = 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
Response via : Initial Calibration

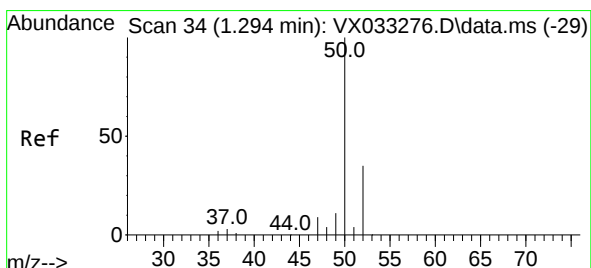
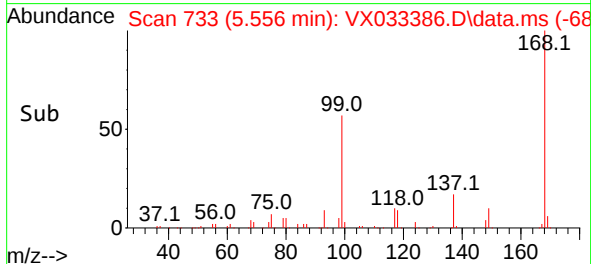
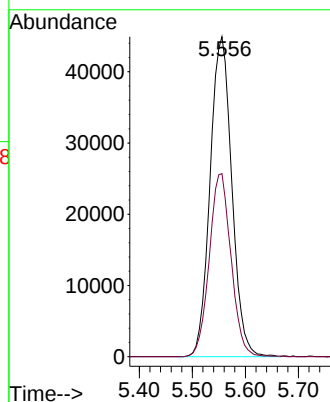
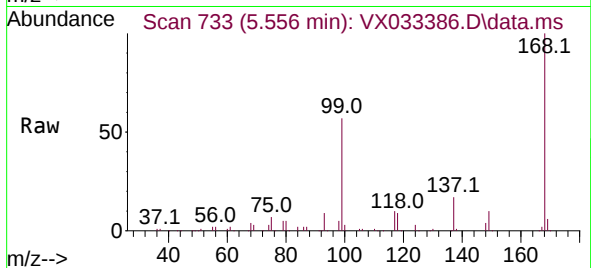




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033386.D
Acq: 13 Dec 2022 12:49

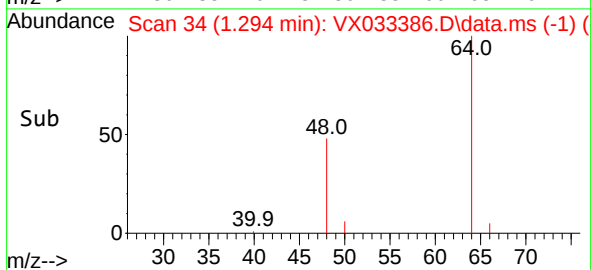
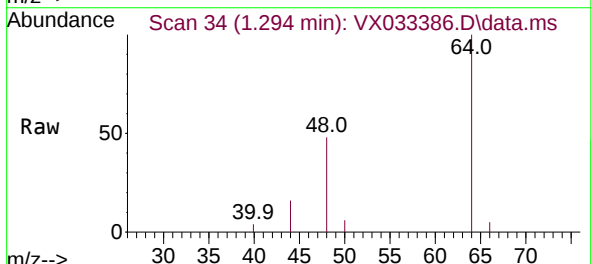
Instrument :
MSVOA_X
ClientSampleId :
MW-3

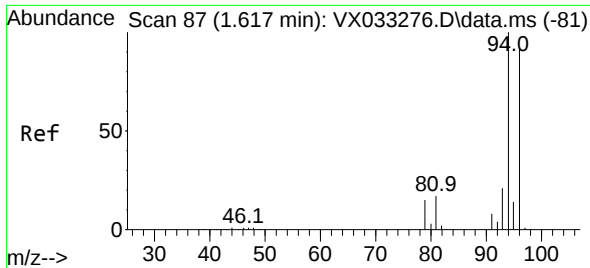
Tgt Ion:168 Resp: 127886
Ion Ratio Lower Upper
168 100
99 57.2 46.1 69.1



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033386.D
Acq: 13 Dec 2022 12:49

Tgt Ion: 50 Resp: 213
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

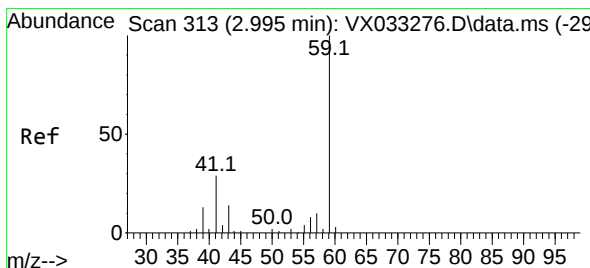
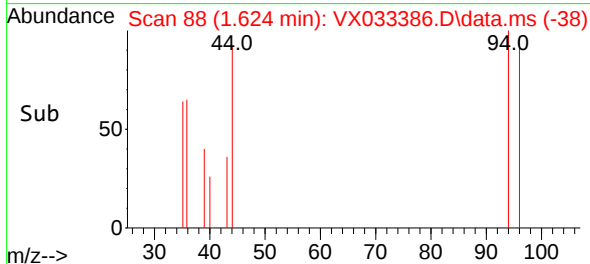
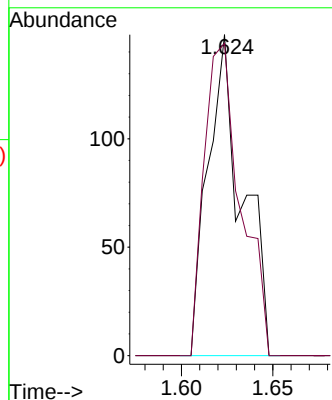
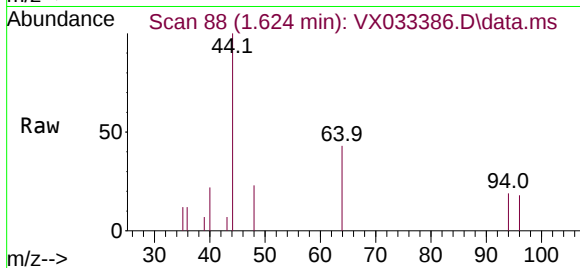




#5
Bromomethane
Concen: 0.225 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX033386.D
Acq: 13 Dec 2022 12:49

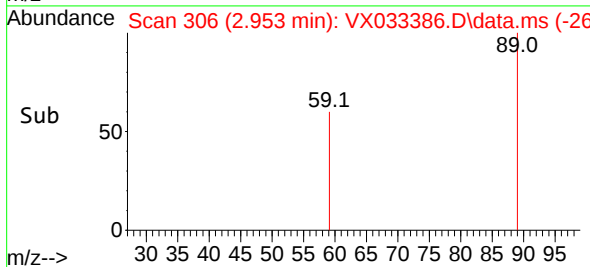
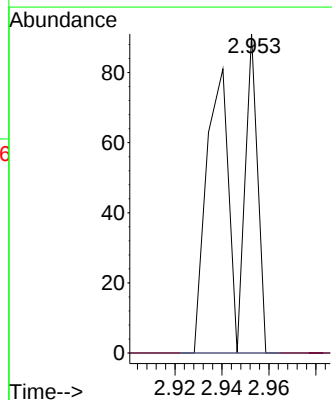
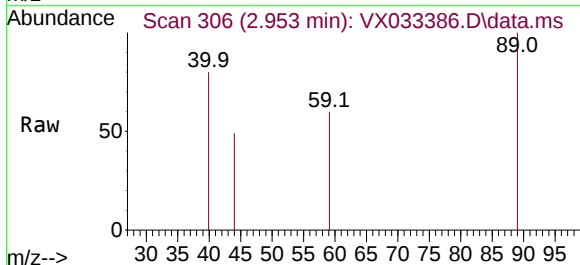
Instrument :
MSVOA_X
ClientSampleId :
MW-3

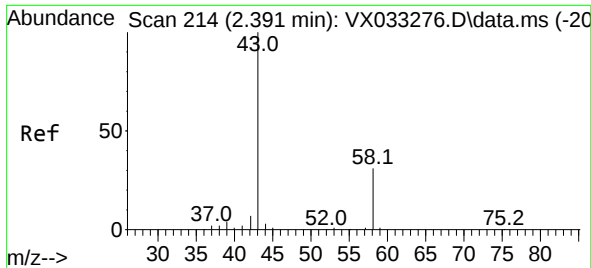
Tgt Ion: 94 Resp: 195
Ion Ratio Lower Upper
94 100
96 97.3 77.6 116.4



#11
Tert butyl alcohol
Concen: 0.343 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.042 min
Lab File: VX033386.D
Acq: 13 Dec 2022 12:49

Tgt Ion: 59 Resp: 86
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

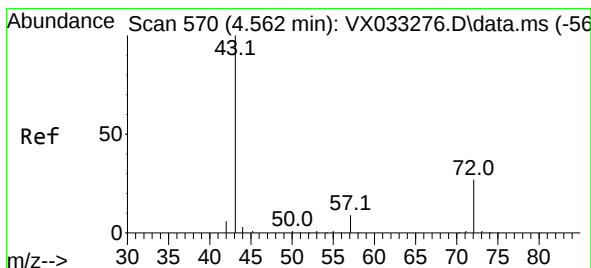
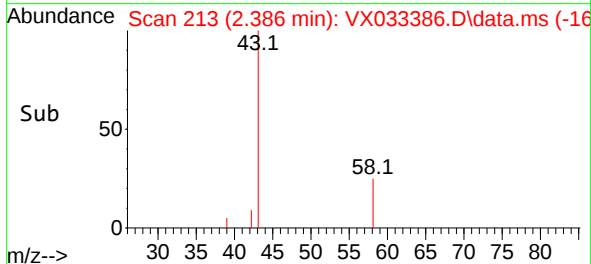
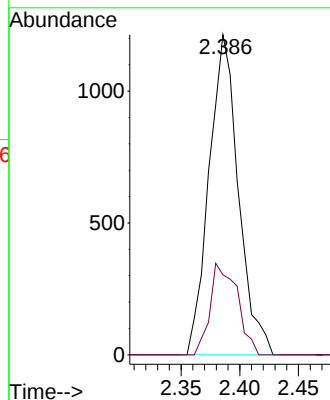
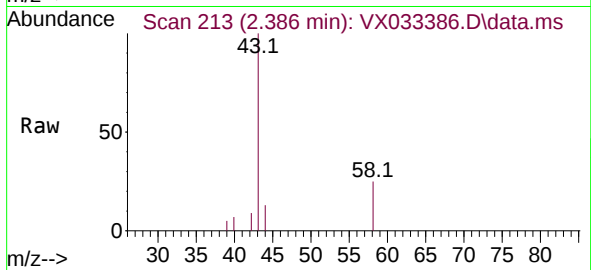




#16
Acetone
Concen: 3.479 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033386.D
Acq: 13 Dec 2022 12:49

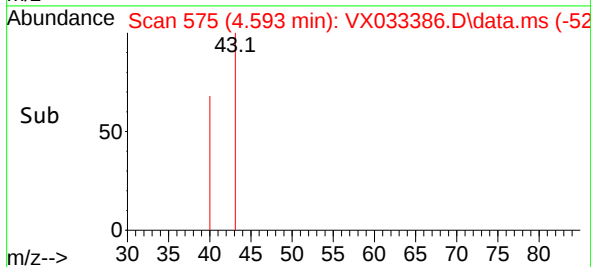
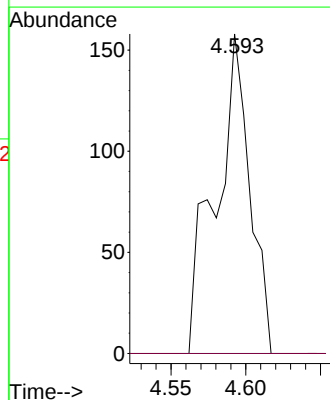
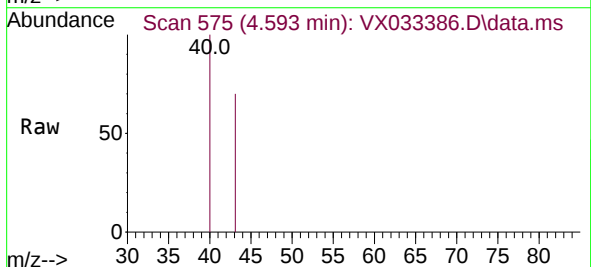
Instrument :
MSVOA_X
ClientSampleId :
MW-3

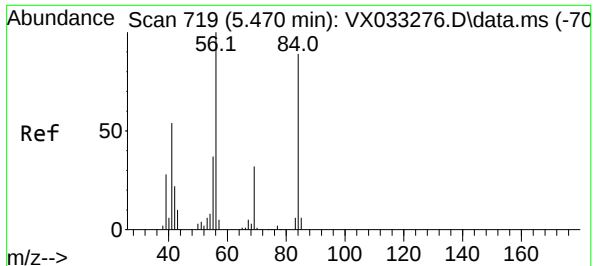
Tgt Ion: 43 Resp: 2112
Ion Ratio Lower Upper
43 100
58 25.0 23.8 35.8



#25
2-Butanone
Concen: 0.289 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.031 min
Lab File: VX033386.D
Acq: 13 Dec 2022 12:49

Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#

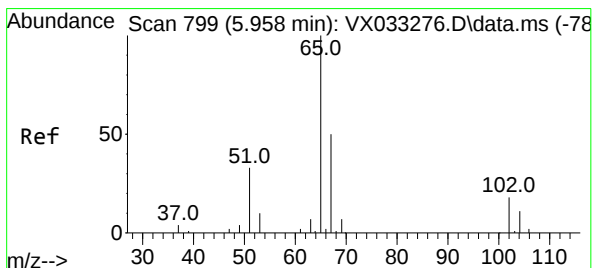
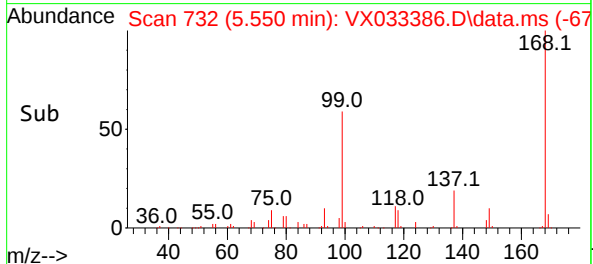
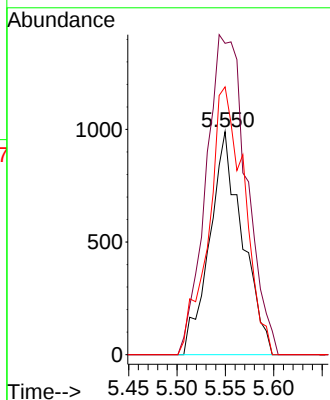
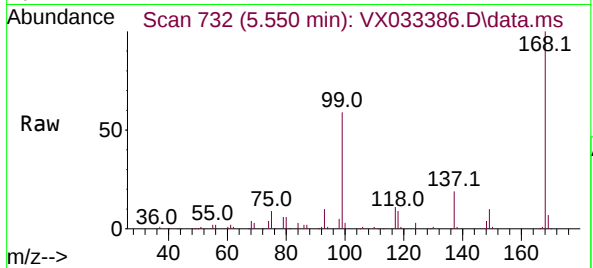




#31
Cyclohexane
Concen: 1.197 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033386.D
Acq: 13 Dec 2022 12:49

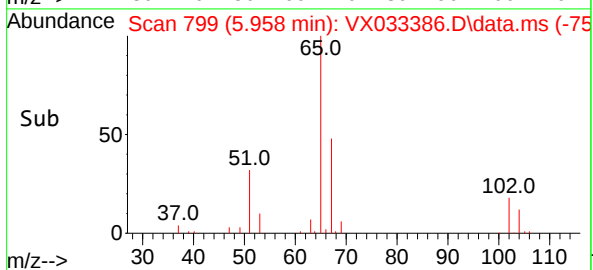
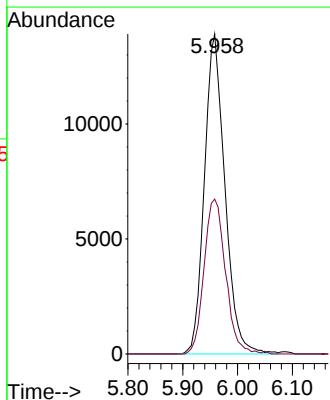
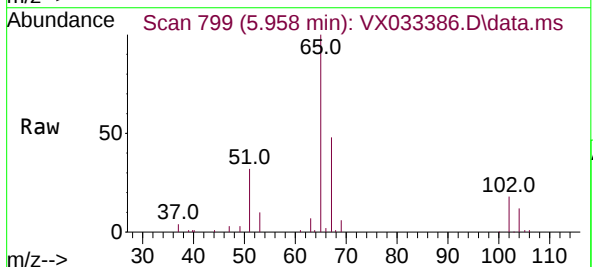
Instrument :
MSVOA_X
ClientSampleId :
MW-3

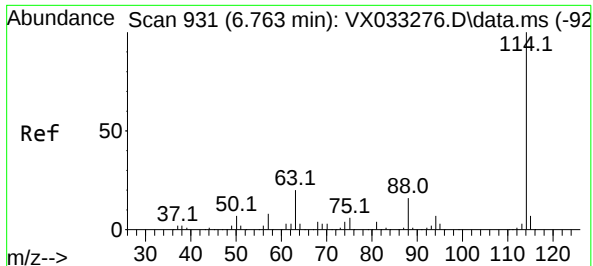
Tgt Ion: 56 Resp: 2334
Ion Ratio Lower Upper
56 100
69 139.7 24.1 36.1#
84 120.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 43.985 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033386.D
Acq: 13 Dec 2022 12:49

Tgt Ion: 65 Resp: 36087
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# 91

Delta R.T. 0.000 min

Lab File: VX033386.D

Acq: 13 Dec 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

MW-3

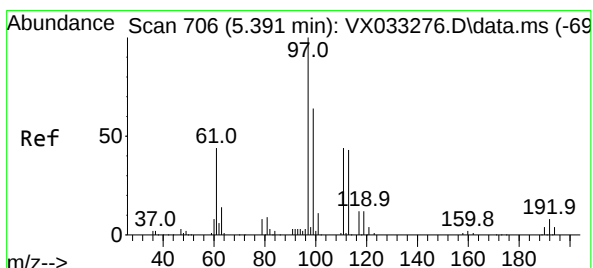
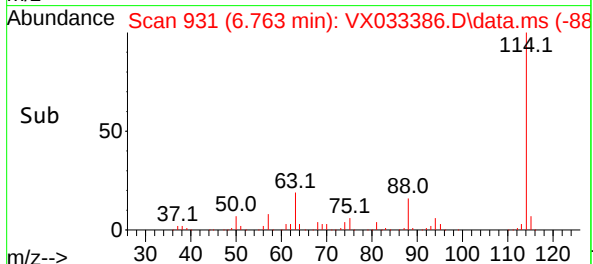
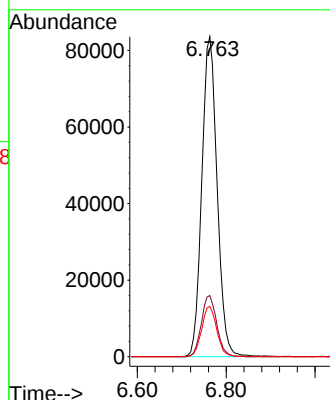
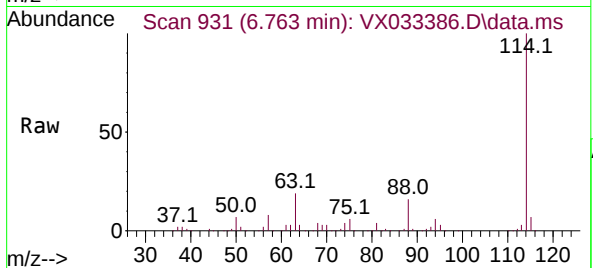
Tgt Ion:114 Resp: 200660

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.6

88 15.7 0.0 33.4



#35

Dibromofluoromethane

Concen: 44.633 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033386.D

Acq: 13 Dec 2022 12:49

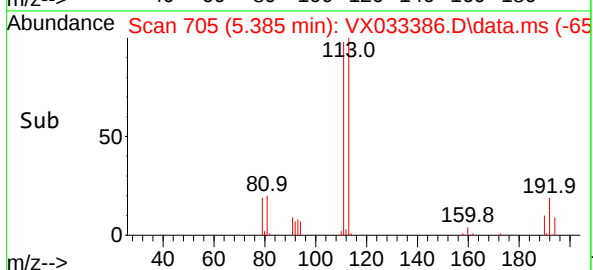
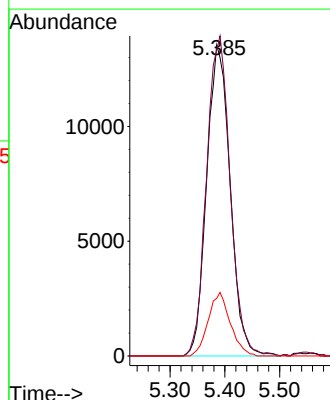
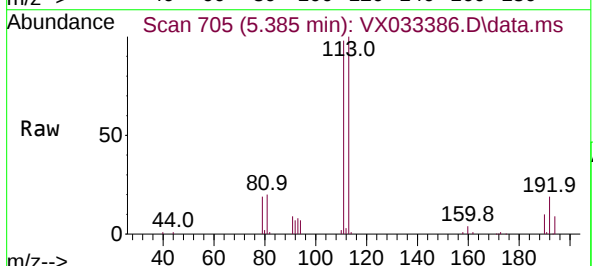
Tgt Ion:113 Resp: 40283

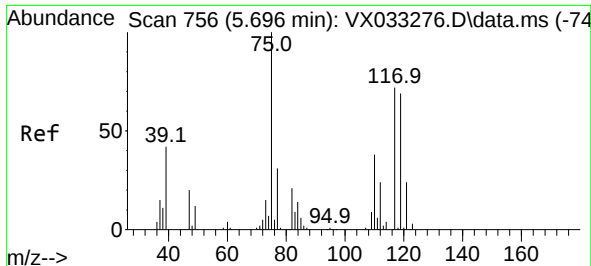
Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

192 19.2 15.4 23.2

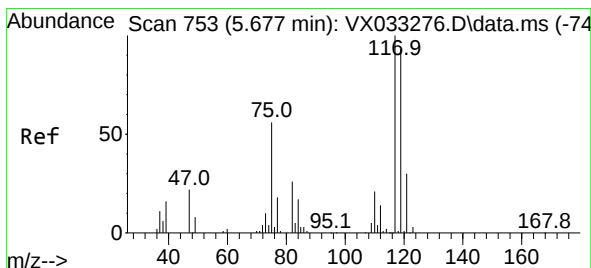
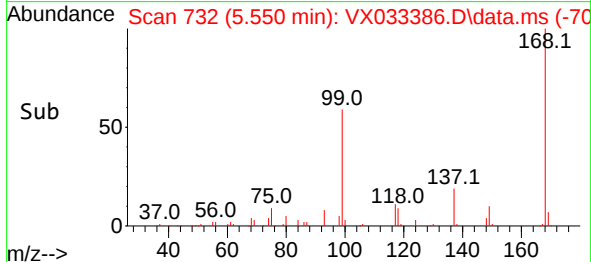
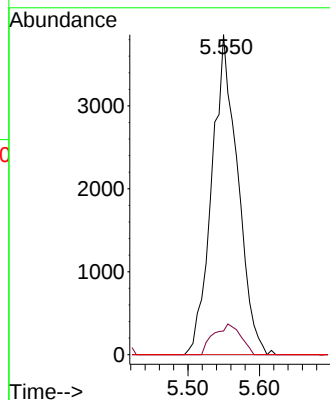
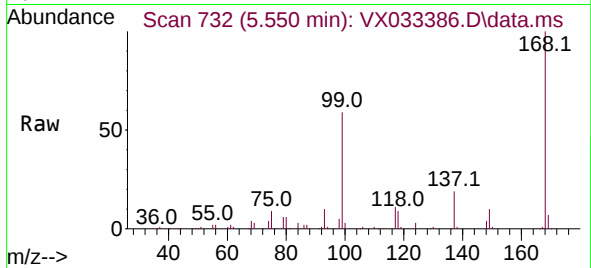




#36
1,1-Dichloropropene
Concen: 5.514 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033386.D
Acq: 13 Dec 2022 12:49

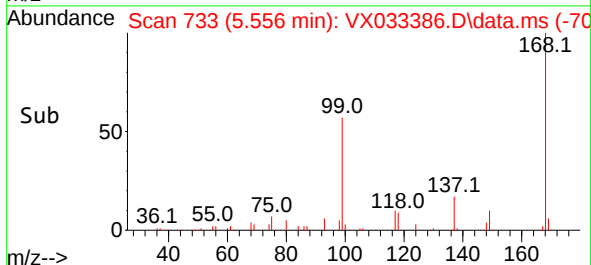
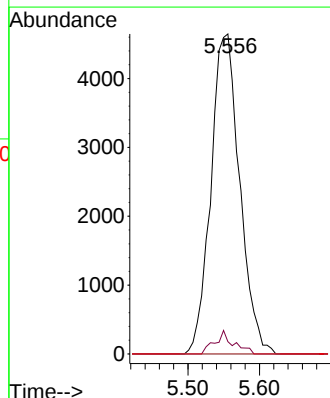
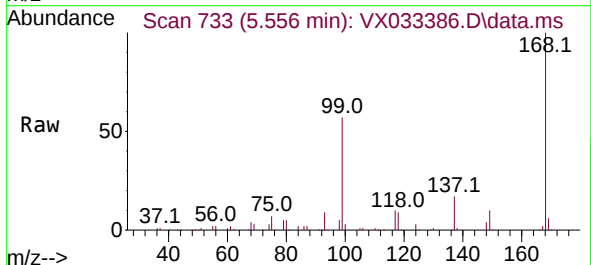
Instrument :
MSVOA_X
ClientSampleId :
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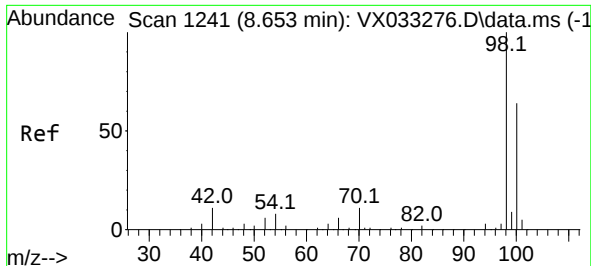
Tgt Ion: 75 Resp: 9703
Ion Ratio Lower Upper
75 100
110 10.0 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.600 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX033386.D
Acq: 13 Dec 2022 12:49

Tgt Ion: 117 Resp: 13011
Ion Ratio Lower Upper
117 100
119 3.9 77.2 115.8#
121 0.0 25.8 38.6#

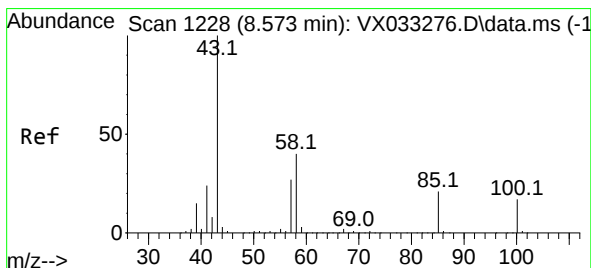
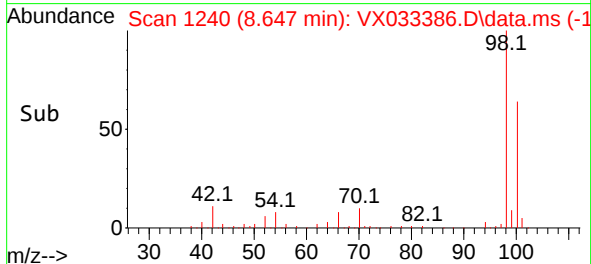
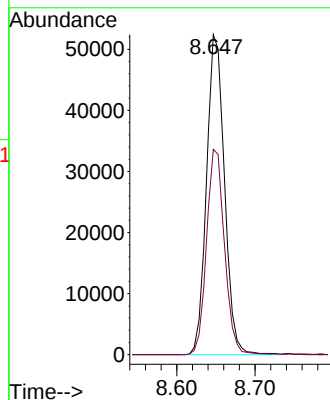
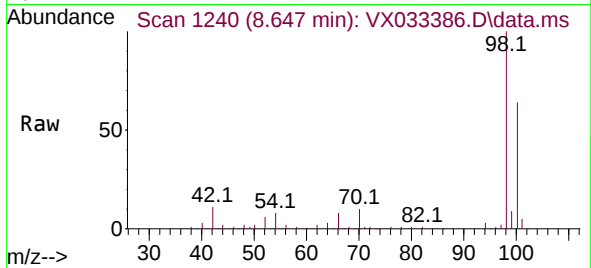




#50
Toluene-d8
Concen: 44.096 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033386.D
Acq: 13 Dec 2022 12:49

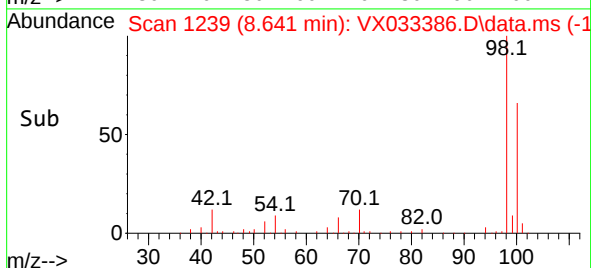
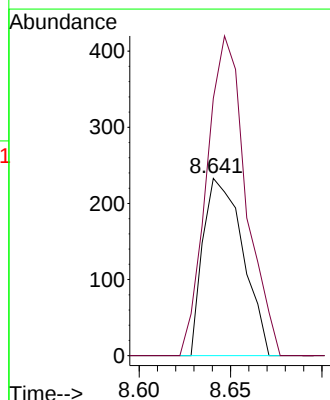
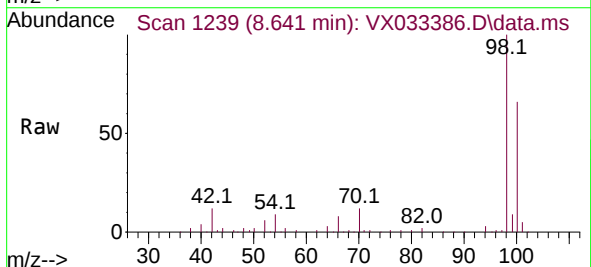
Instrument :
MSVOA_X
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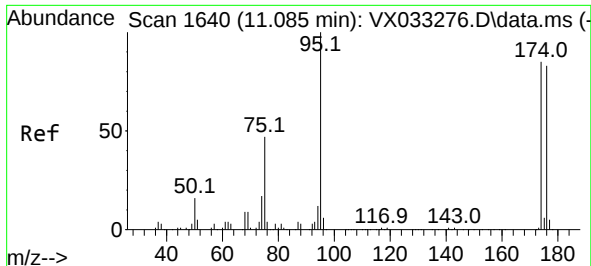
Tgt Ion: 98 Resp: 83255
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.209 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX033386.D
Acq: 13 Dec 2022 12:49

Tgt Ion: 43 Resp: 353
Ion Ratio Lower Upper
43 100
58 178.5 30.9 46.3#

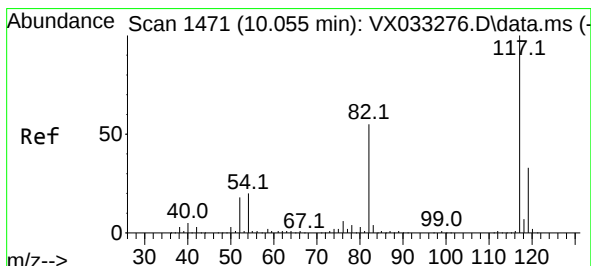
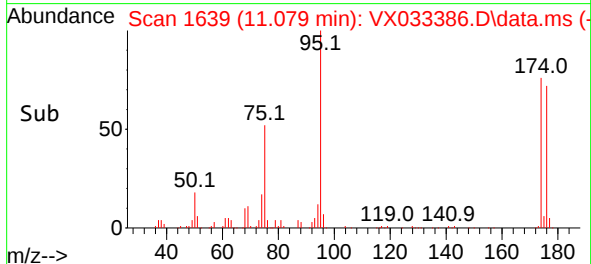
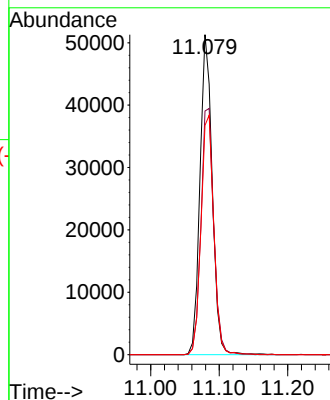
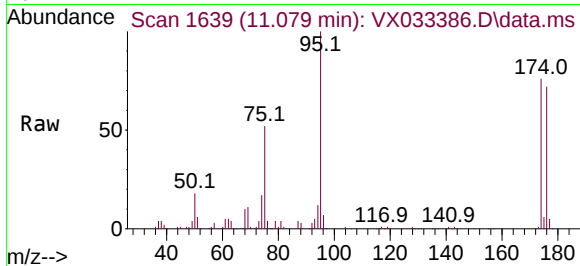




#62
4-Bromofluorobenzene
Concen: 44.207 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033386.D
Acq: 13 Dec 2022 12:49

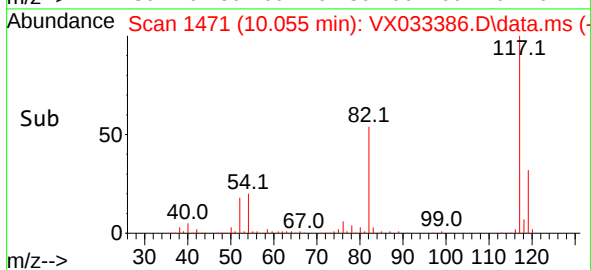
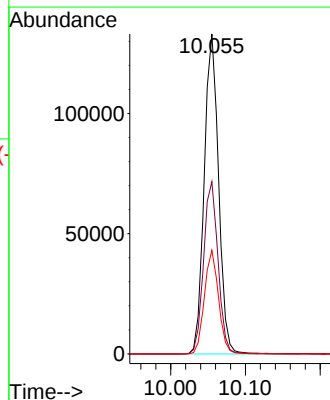
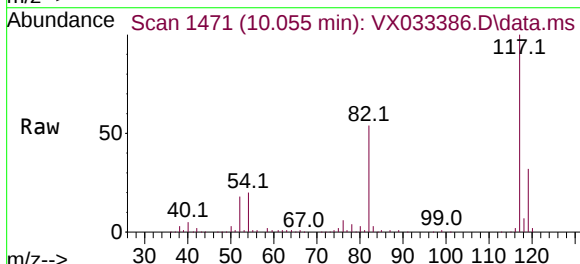
Instrument :
MSVOA_X
ClientSampleId :
MW-3

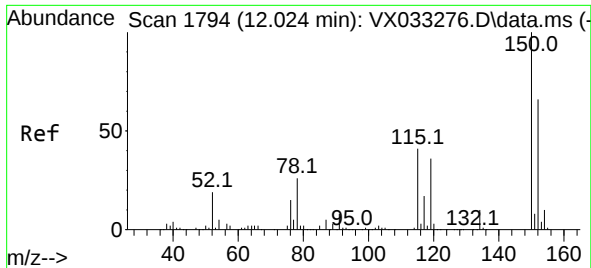
Tgt Ion: 95 Resp: 63819
Ion Ratio Lower Upper
95 100
174 80.2 0.0 164.0
176 78.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033386.D
Acq: 13 Dec 2022 12:49

Tgt Ion: 117 Resp: 177582
Ion Ratio Lower Upper
117 100
82 53.9 44.3 66.5
119 32.4 25.7 38.5

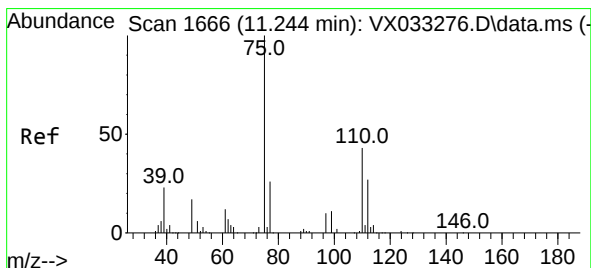
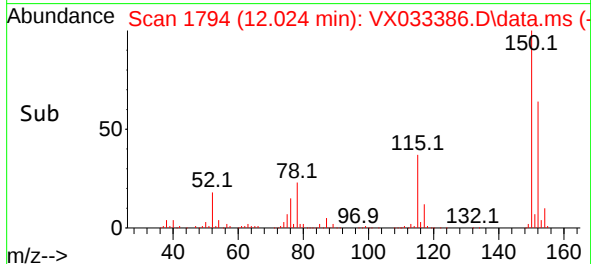
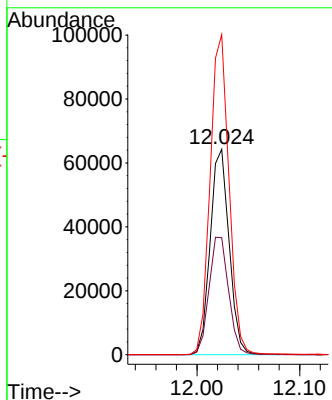
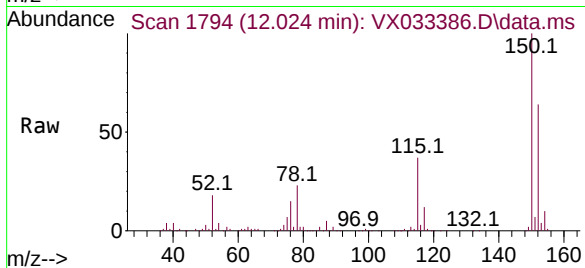




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033386.D
 Acq: 13 Dec 2022 12:49

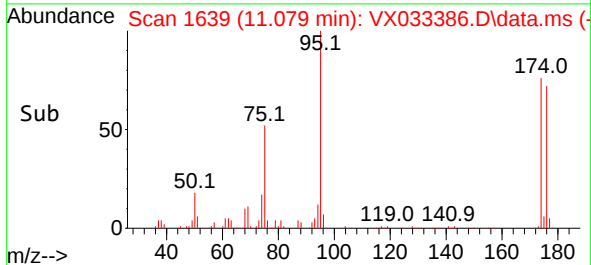
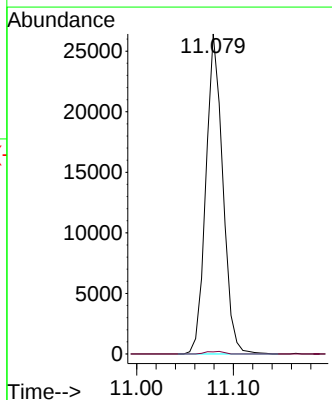
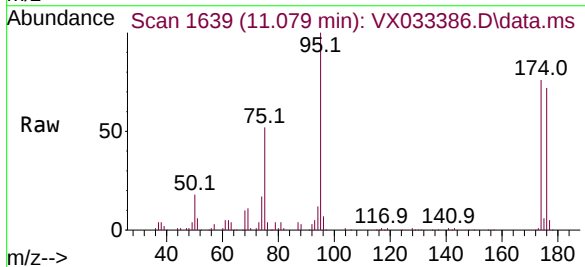
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

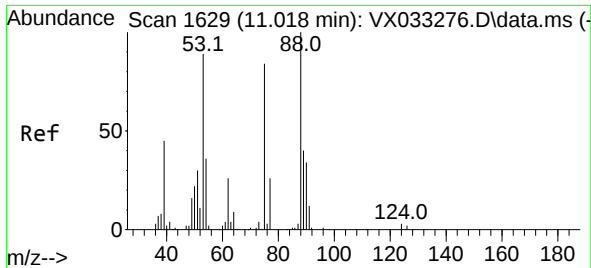
Tgt Ion:152 Resp: 82332
 Ion Ratio Lower Upper
 152 100
 115 59.4 44.0 132.0
 150 155.5 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 19.210 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033386.D
 Acq: 13 Dec 2022 12:49

Tgt Ion: 75 Resp: 32177
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.0 60.0#

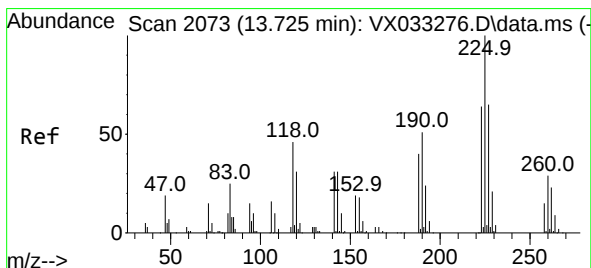
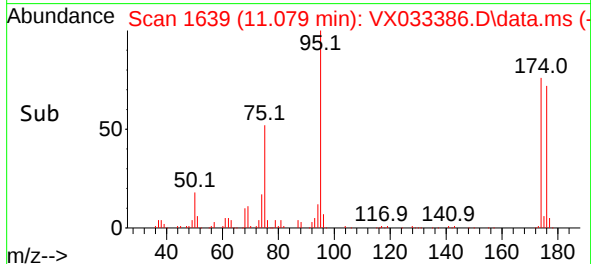
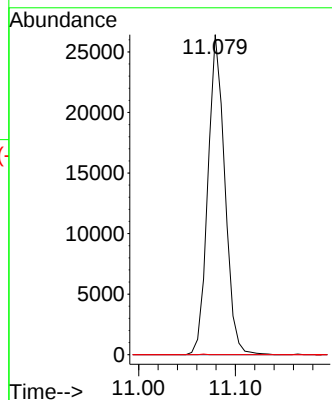
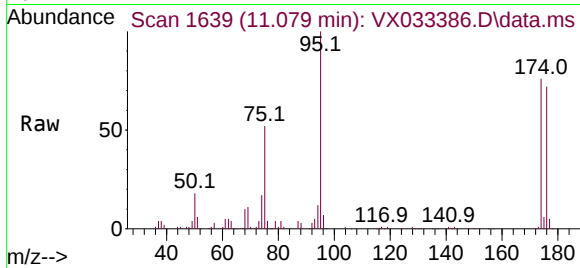




#81
trans-1,4-Dichloro-2-butene
Concen: 59.755 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033386.D
Acq: 13 Dec 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion: 75 Resp: 32177
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 0.218 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033386.D
Acq: 13 Dec 2022 12:49

Tgt Ion: 225 Resp: 144
Ion Ratio Lower Upper
225 100
223 27.8 31.9 95.9#
227 43.1 31.9 95.5

