

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024555.D
 Acq On : 05 Oct 2021 06:02
 Operator : JC/MD
 Sample : M3989-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Quant Time: Oct 05 08:35:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

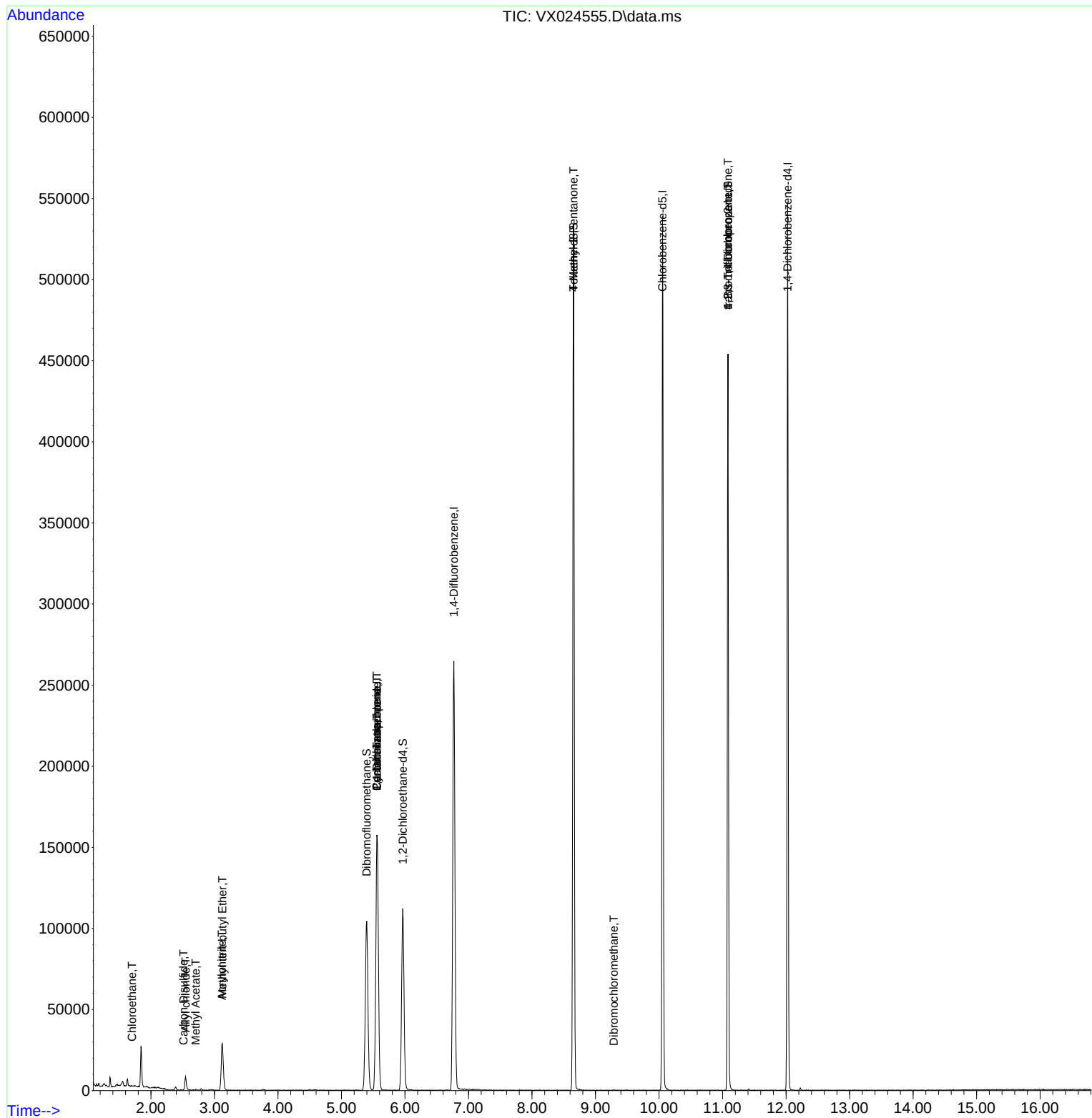
Internal Standards						
1) Pentafluorobenzene	5.556	168	149279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	271299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111419	52.958	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.920%		
35) Dibromofluoromethane	5.397	113	90476	50.200	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.400%		
50) Toluene-d8	8.653	98	307989	46.430	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 92.860%		
62) 4-Bromofluorobenzene	11.085	95	115345	44.225	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 88.440%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.703	64	485	0.747	ug/l #	43
11) Tert butyl alcohol	2.947	59	248	Below Cal	#	73
14) Allyl chloride	2.544	41	881	0.352	ug/l #	61
15) Acrylonitrile	3.117	53	357	0.374	ug/l #	11
16) Acetone	2.392	43	2201	Below Cal	#	71
17) Carbon Disulfide	2.514	76	168	0.275	ug/l #	75
18) Methyl Acetate	2.703	43	653	0.207	ug/l #	63
19) Methyl tert-butyl Ether	3.123	73	31809	6.168	ug/l	100
20) Methylene Chloride	2.800	84	373	Below Cal	#	73
31) Cyclohexane	5.556	56	3030	1.203	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11633	4.473	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15481	5.468	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1340	0.411	ug/l #	1
60) Dibromochloromethane	9.287	129	22	1.197	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	60858	23.920	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	60858	65.313	ug/l #	12

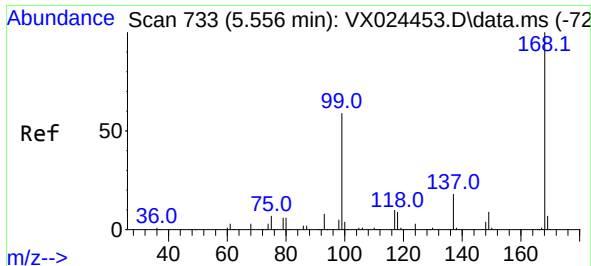
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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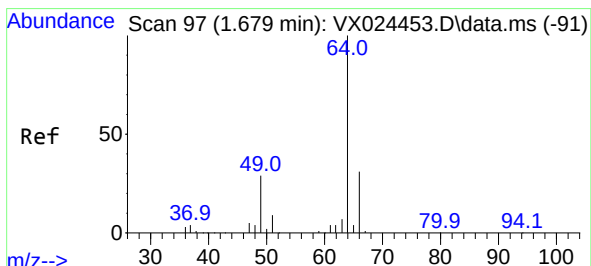
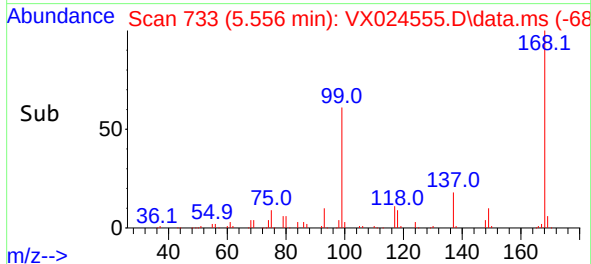
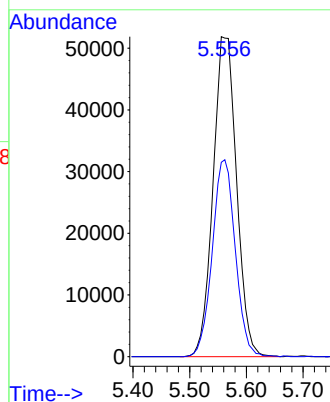
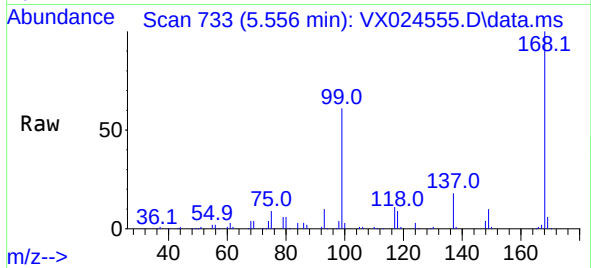




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

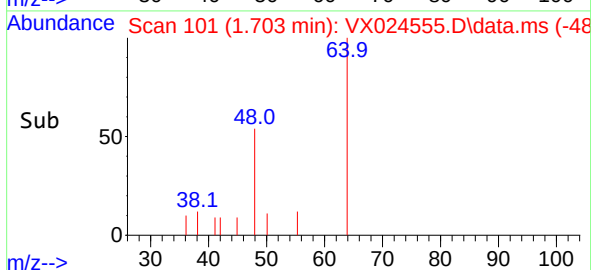
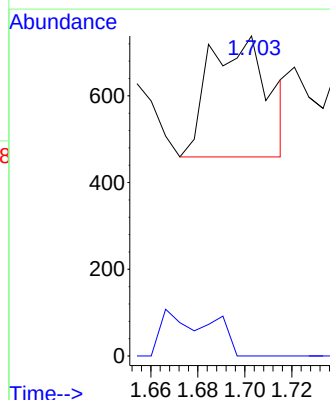
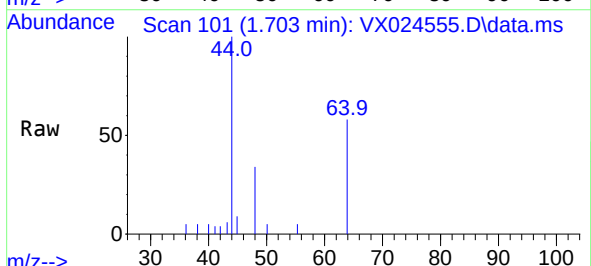
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

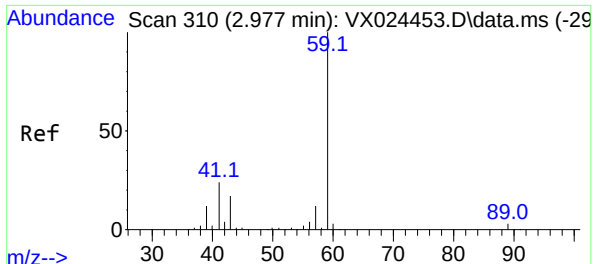
Tgt Ion:168 Resp: 149279
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.6



#6
Chloroethane
Concen: 0.747 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

Tgt Ion: 64 Resp: 485
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



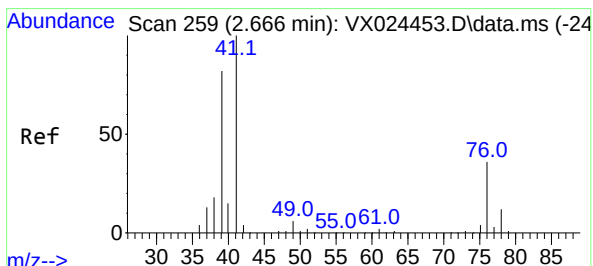
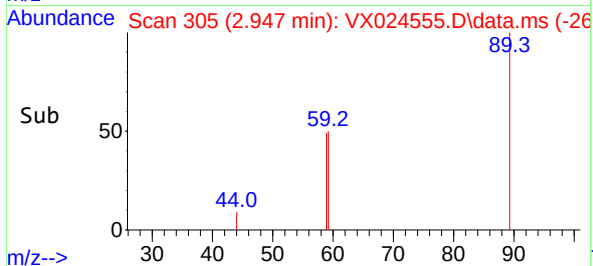
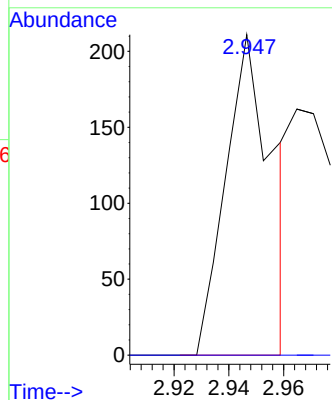
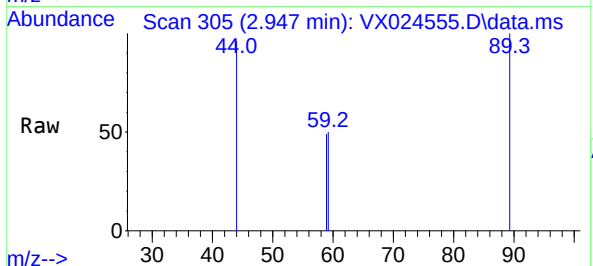


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

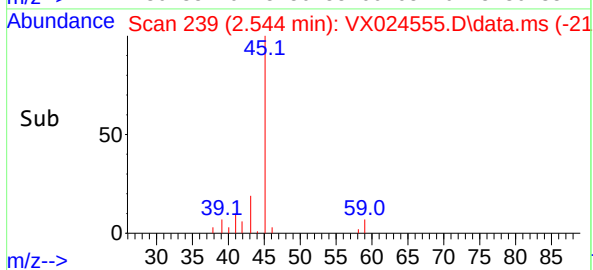
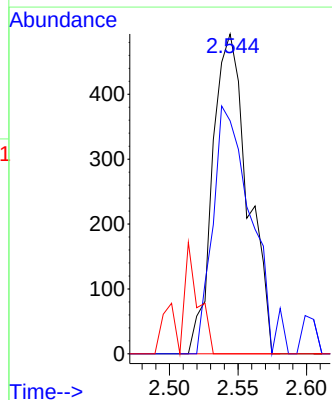
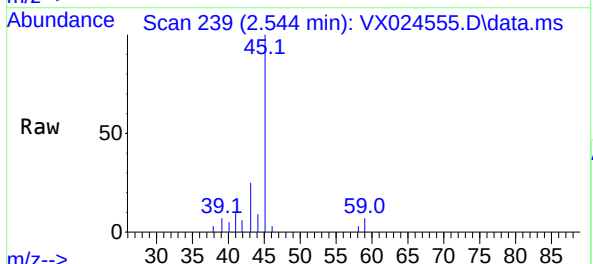
Tgt Ion: 59 Resp: 248
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

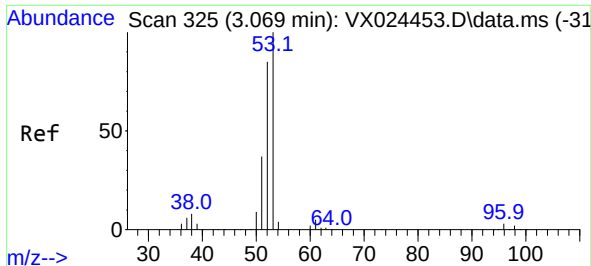


#14

Allyl chloride
Concen: 0.352 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

Tgt Ion: 41 Resp: 881
Ion Ratio Lower Upper
41 100
39 83.9 51.6 77.4#
76 0.0 30.5 45.7#

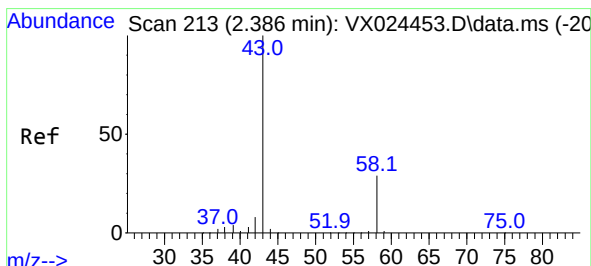
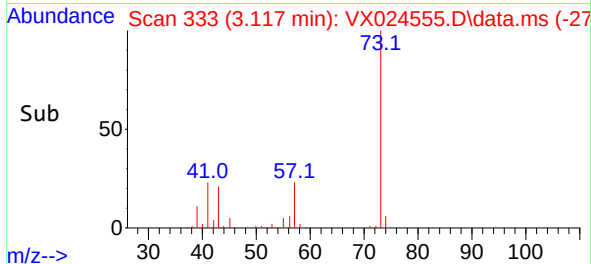
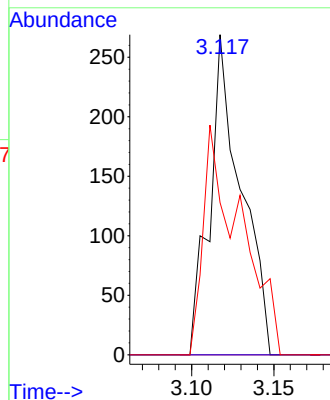
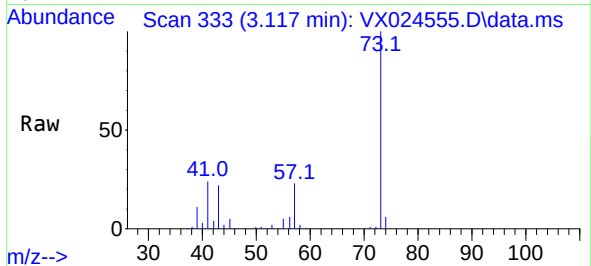




#15
Acrylonitrile
Concen: 0.374 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.048 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

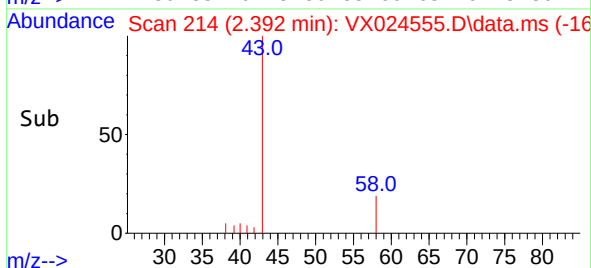
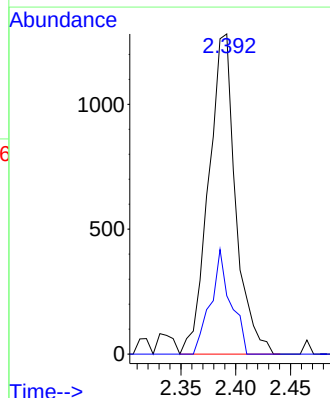
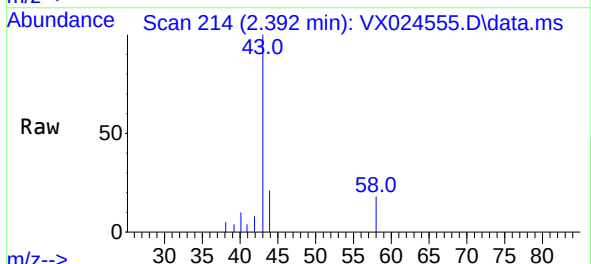
Instrument :
MSVOA_X
ClientSampled :
MW-1R

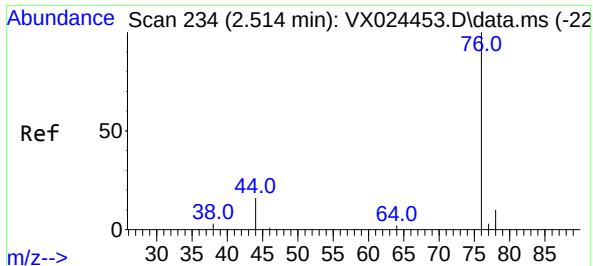
Tgt Ion: 53 Resp: 357
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 84.6 28.2 42.2#



#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

Tgt Ion: 43 Resp: 2201
Ion Ratio Lower Upper
43 100
58 18.3 27.8 41.8#

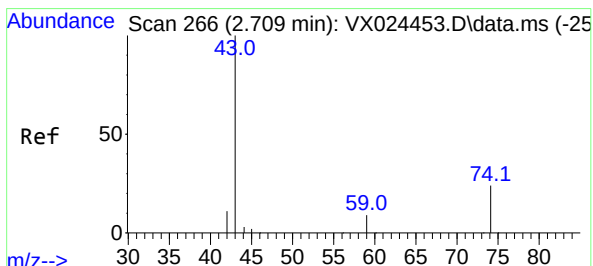
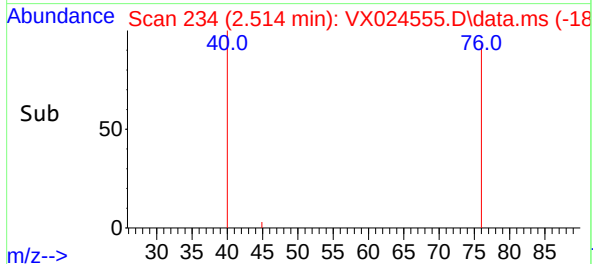
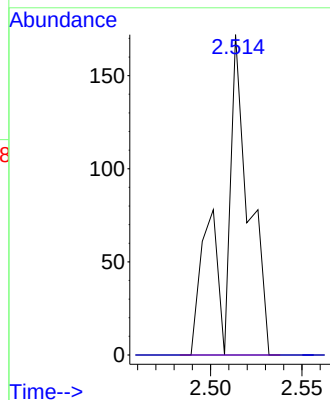
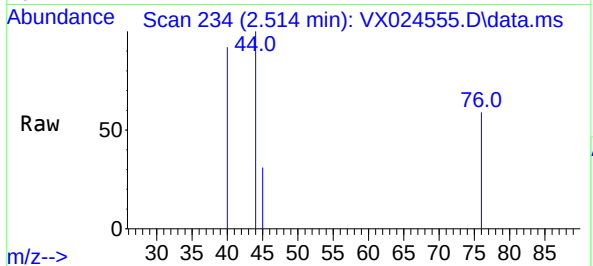




#17
Carbon Disulfide
Concen: 0.275 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

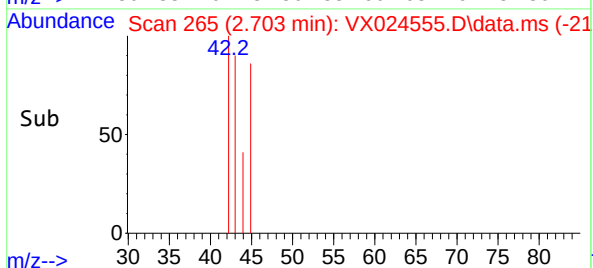
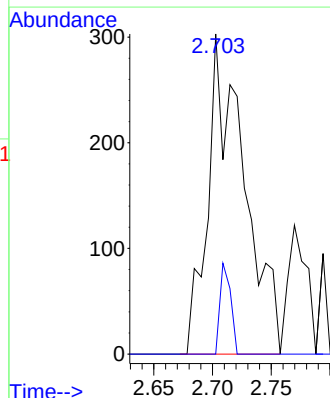
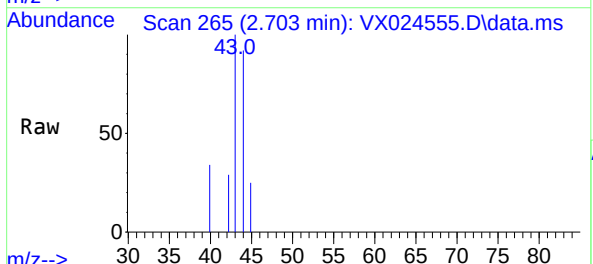
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

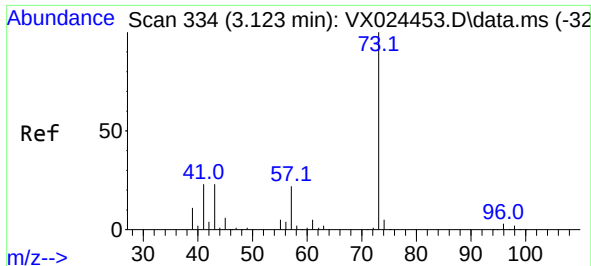
Tgt Ion: 76 Resp: 168
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.207 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

Tgt Ion: 43 Resp: 653
Ion Ratio Lower Upper
43 100
74 8.3 21.9 32.9#

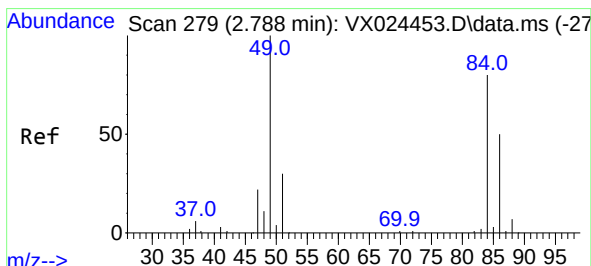
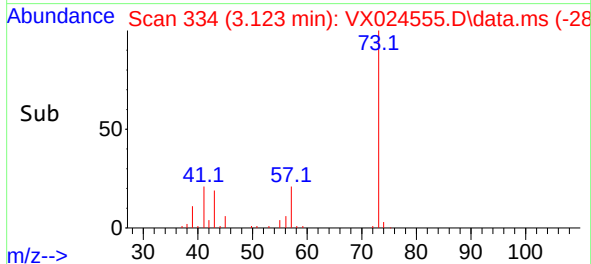
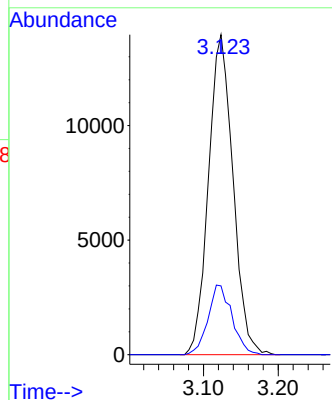
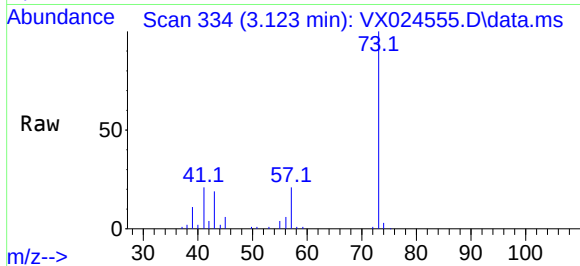




#19
Methyl tert-butyl Ether
Concen: 6.168 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

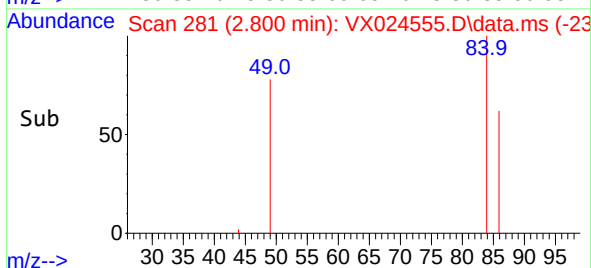
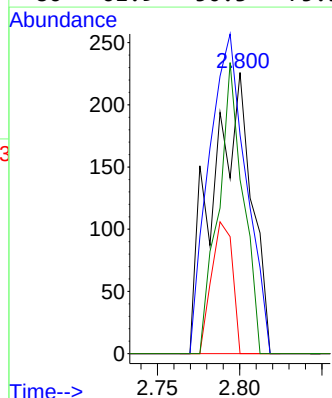
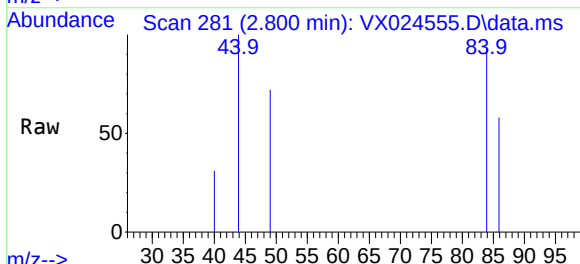
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MSVOA_X
ClientSampleId :
MW-1R

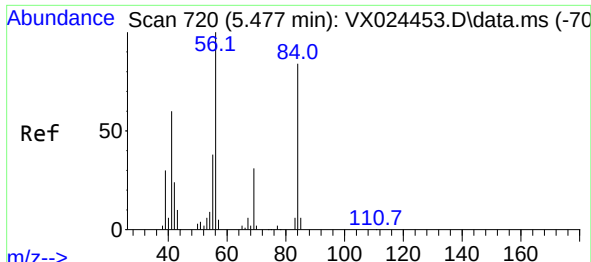
Tgt Ion: 73 Resp: 31809
Ion Ratio Lower Upper
73 100
57 21.5 17.1 25.7



#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

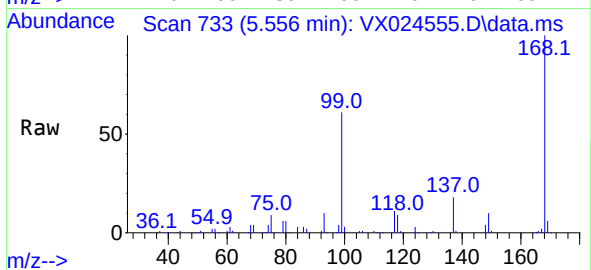
Tgt Ion: 84 Resp: 373
Ion Ratio Lower Upper
84 100
49 77.9 88.6 132.8#
51 0.0 27.0 40.6#
86 61.9 50.3 75.5



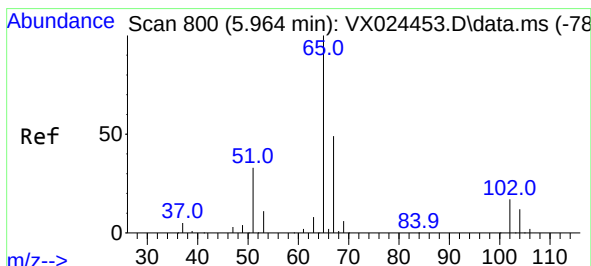
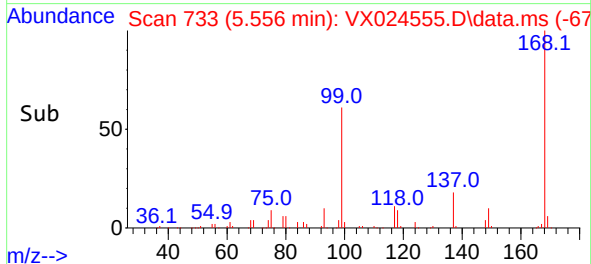
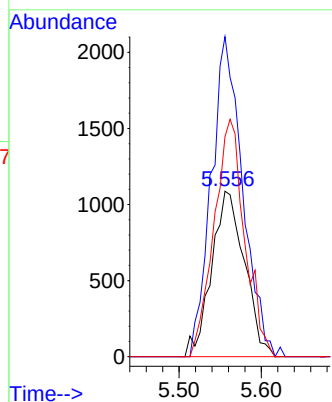


#31
Cyclohexane
Concen: 1.203 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

Instrument :
MSVOA_X
ClientSampled :
MW-1R

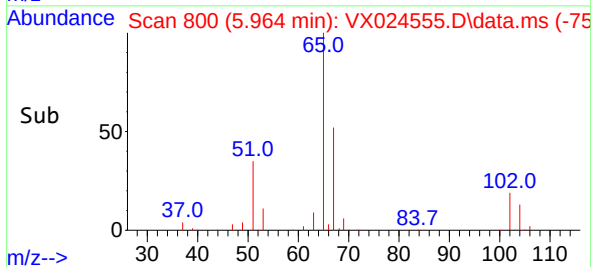
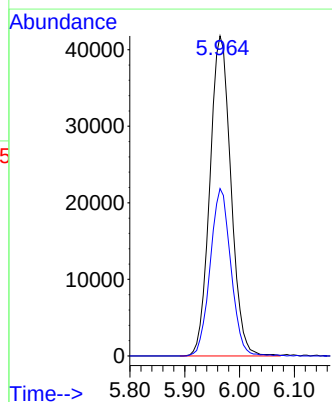
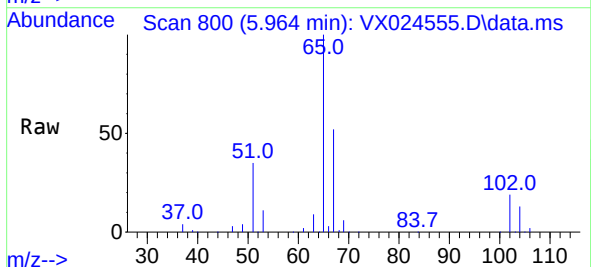


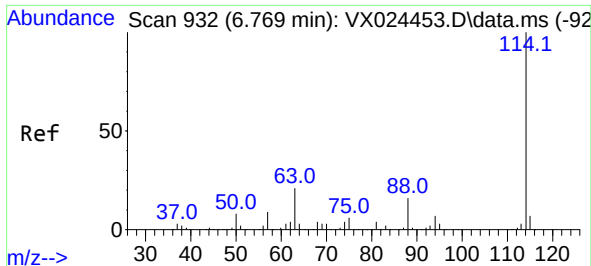
Tgt Ion: 56 Resp: 3030
Ion Ratio Lower Upper
56 100
69 193.5 25.3 37.9#
84 133.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.958 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

Tgt Ion: 65 Resp: 111419
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

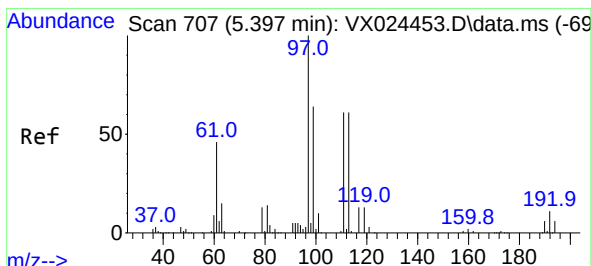
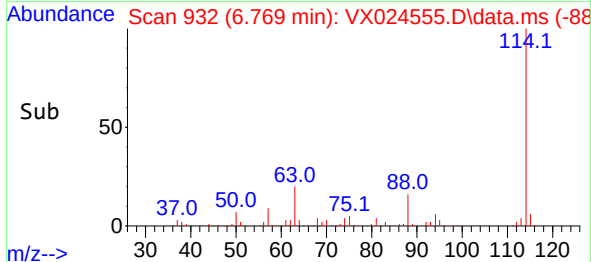
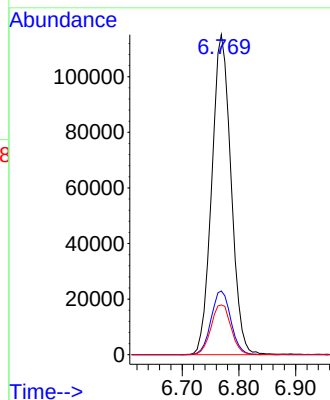
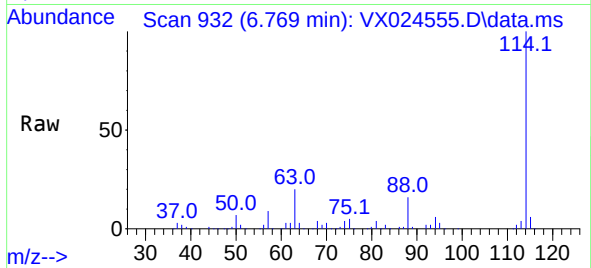




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

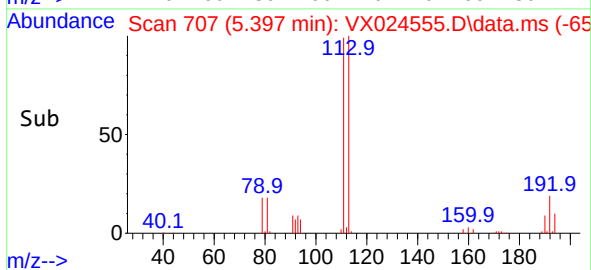
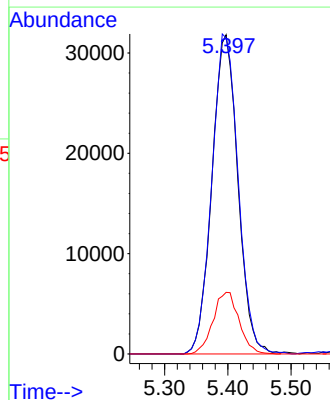
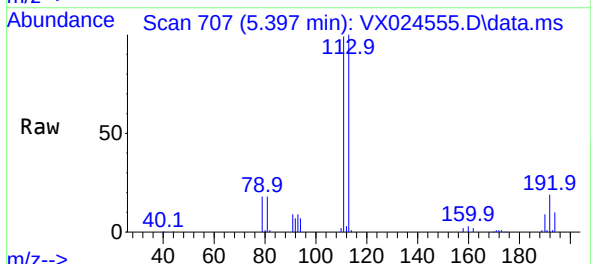
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

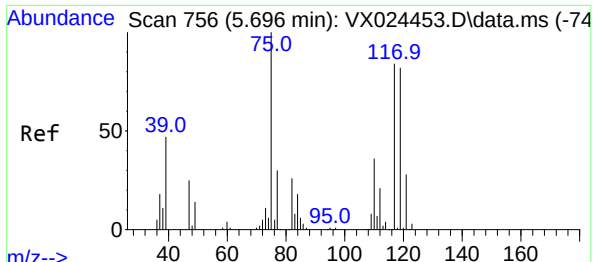
Tgt Ion:114 Resp: 271299
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.200 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

Tgt Ion:113 Resp: 90476
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 19.4 16.7 25.1

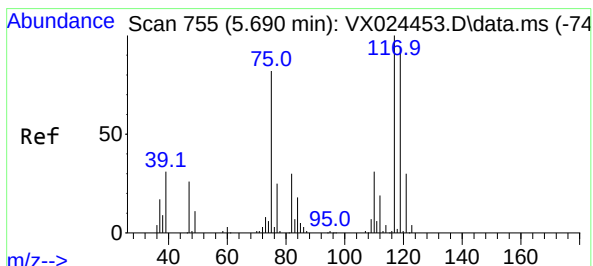
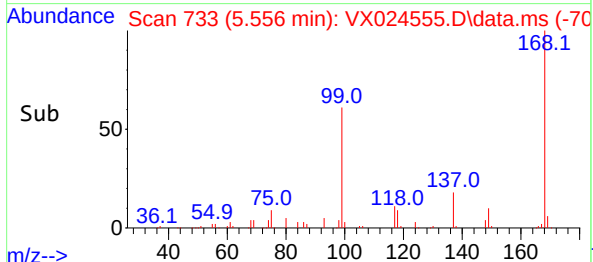
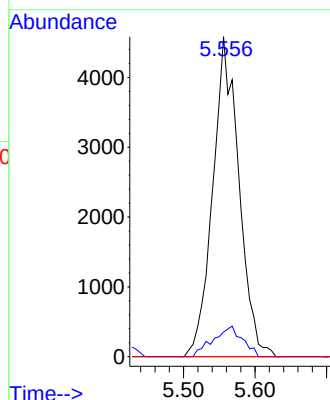
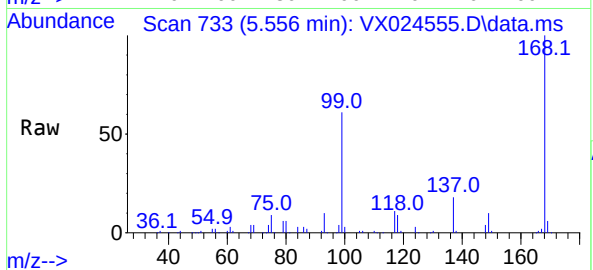




#36
1,1-Dichloropropene
Concen: 4.473 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

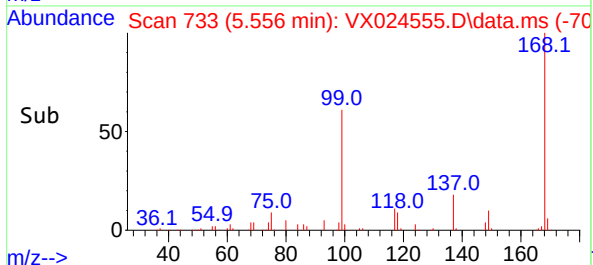
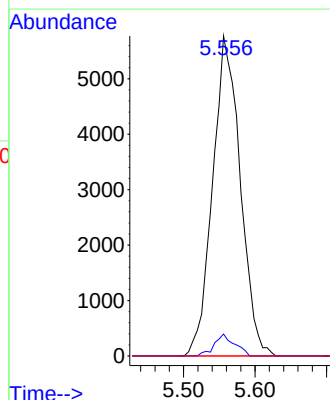
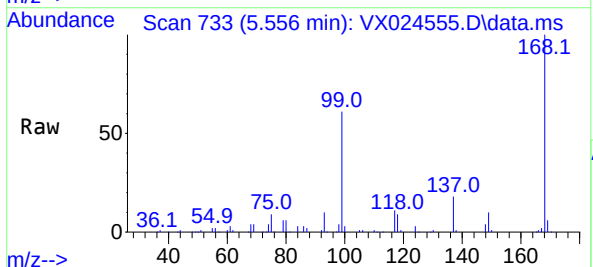
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

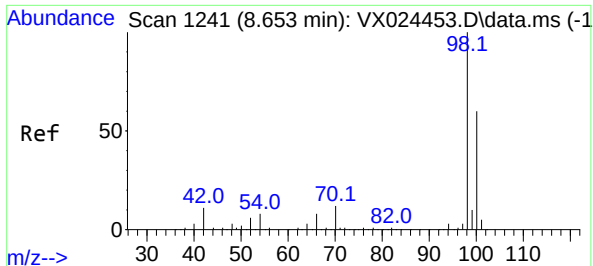
Tgt Ion: 75 Resp: 11633
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.468 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

Tgt Ion: 117 Resp: 15481
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 46.430 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024555.D

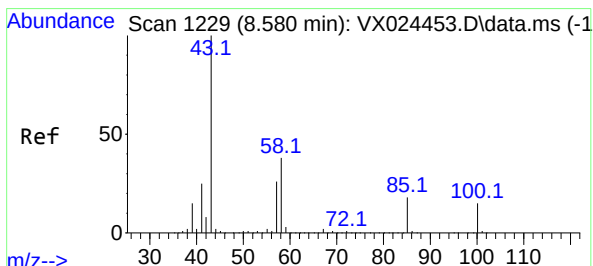
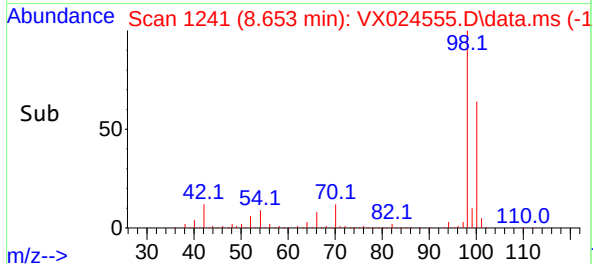
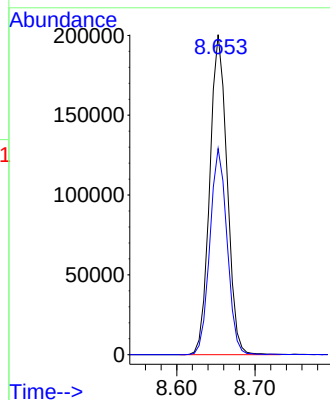
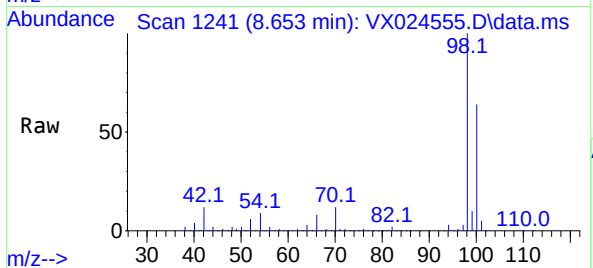
Acq: 05 Oct 2021 06:02

Tgt Ion: 98 Resp: 307989

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.411 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX024555.D

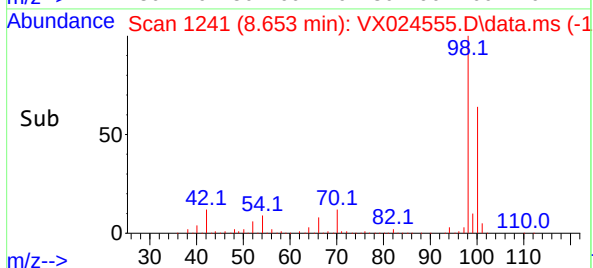
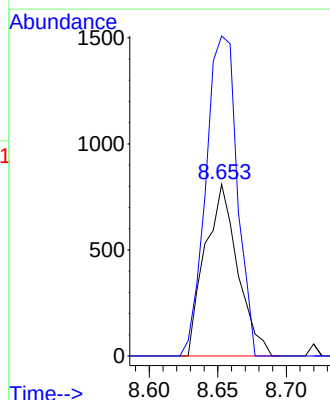
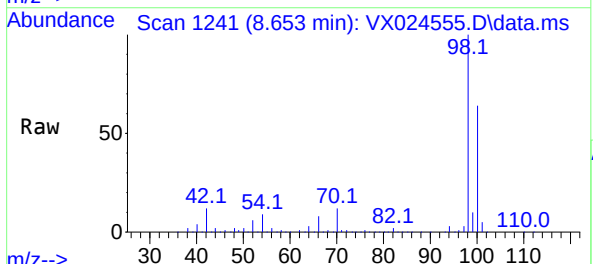
Acq: 05 Oct 2021 06:02

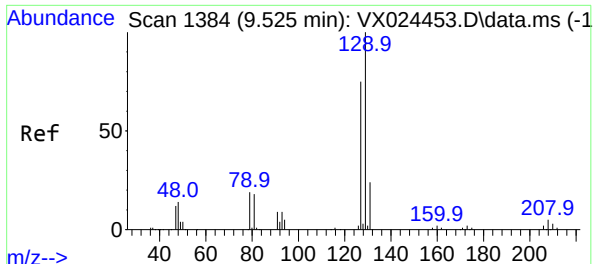
Tgt Ion: 43 Resp: 1340

Ion Ratio Lower Upper

43 100

58 179.3 35.4 53.0#

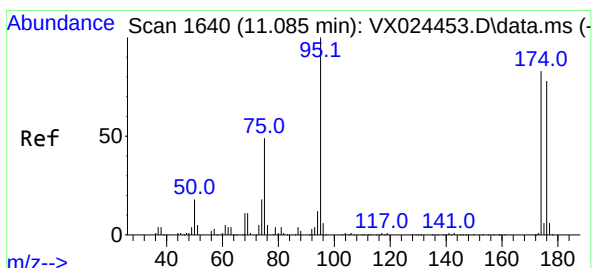
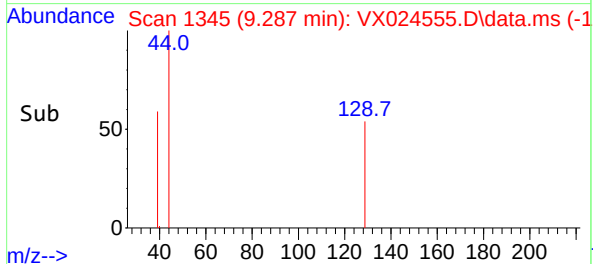
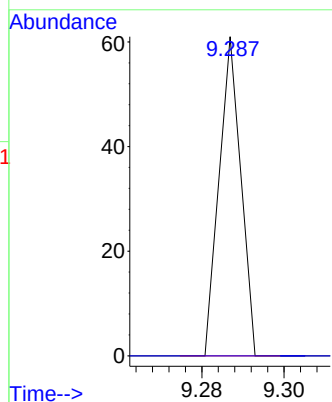
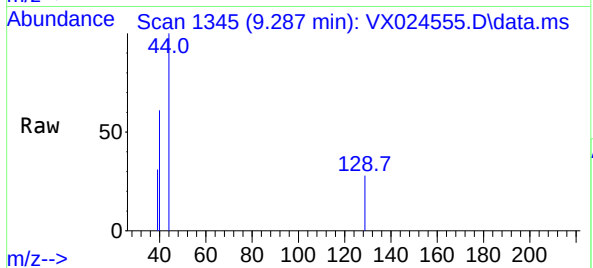




#60
Dibromochloromethane
Concen: 1.197 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.238 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

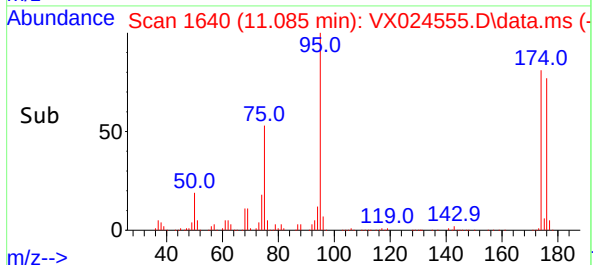
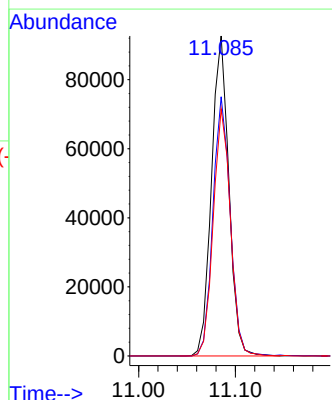
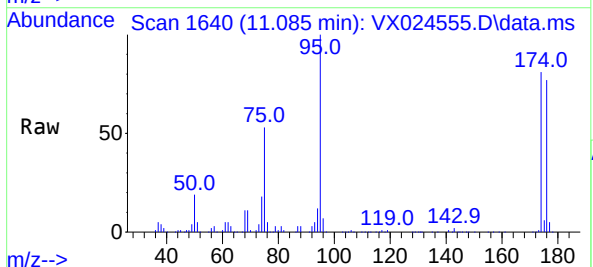
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

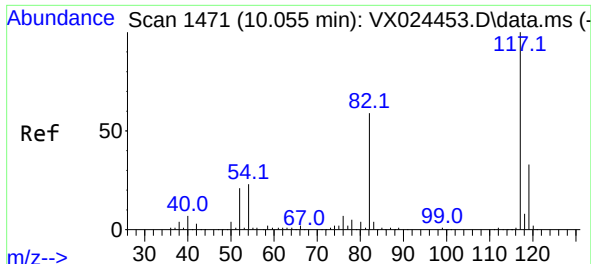
Tgt Ion:129 Resp: 22
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.225 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

Tgt Ion: 95 Resp: 115345
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 76.7 0.0 155.8

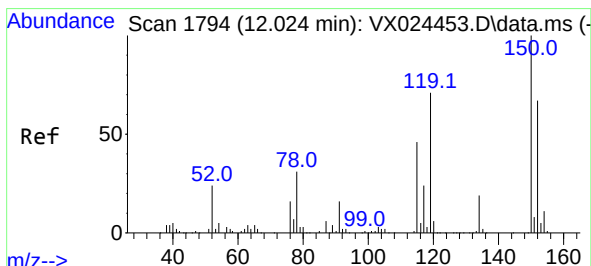
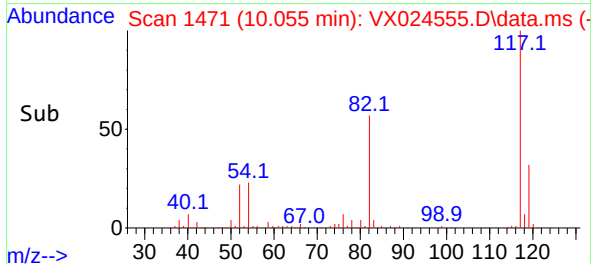
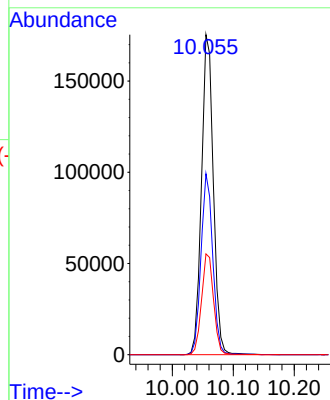
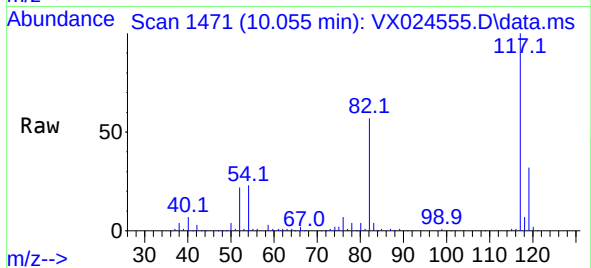




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

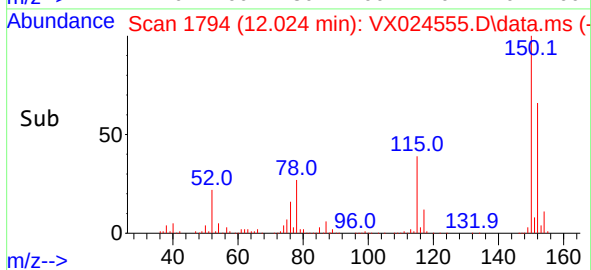
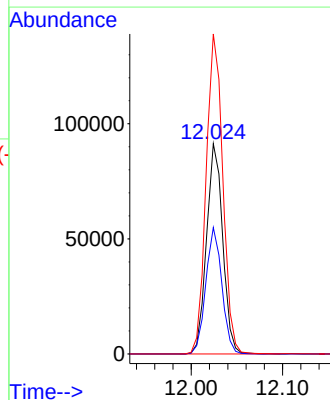
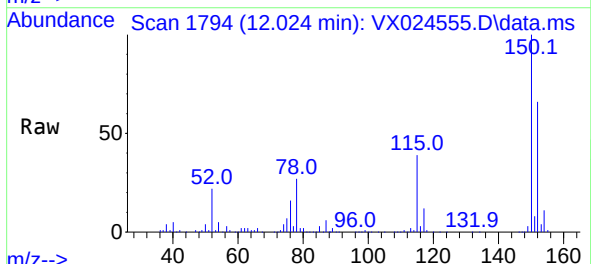
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

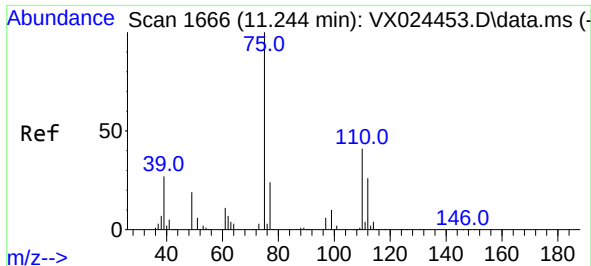
Tgt Ion:117 Resp: 237451
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

Tgt Ion:152 Resp: 112034
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 156.7 0.0 349.0

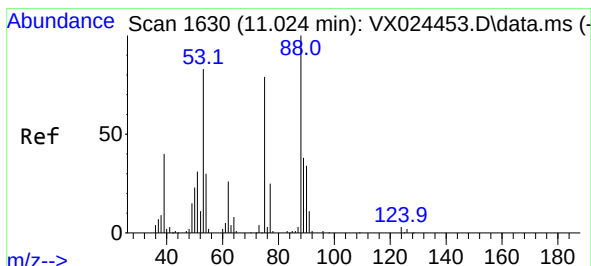
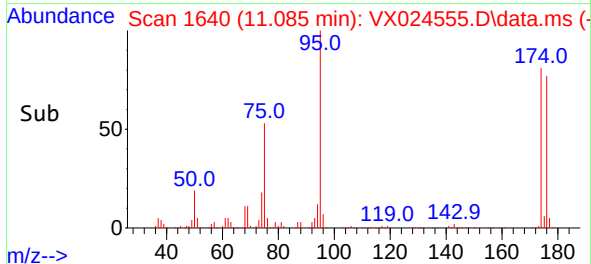
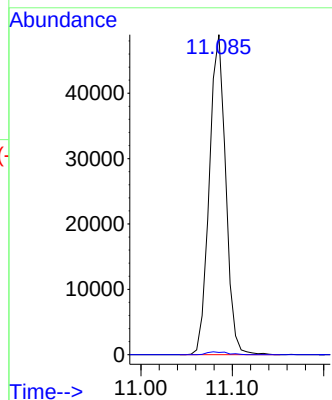
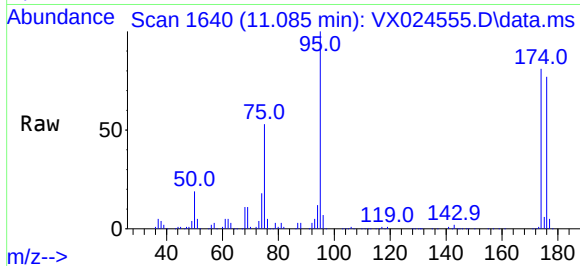




#76
1,2,3-Trichloropropane
Concen: 23.920 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

Instrument :
MSVOA_X
ClientSampled :
MW-1R

Tgt Ion: 75 Resp: 60858
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.313 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

Tgt Ion: 75 Resp: 60858
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

