

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026932.D
 Acq On : 10 Feb 2022 19:50
 Operator : JC/MD
 Sample : N1446-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107

Quant Time: Feb 11 04:03:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

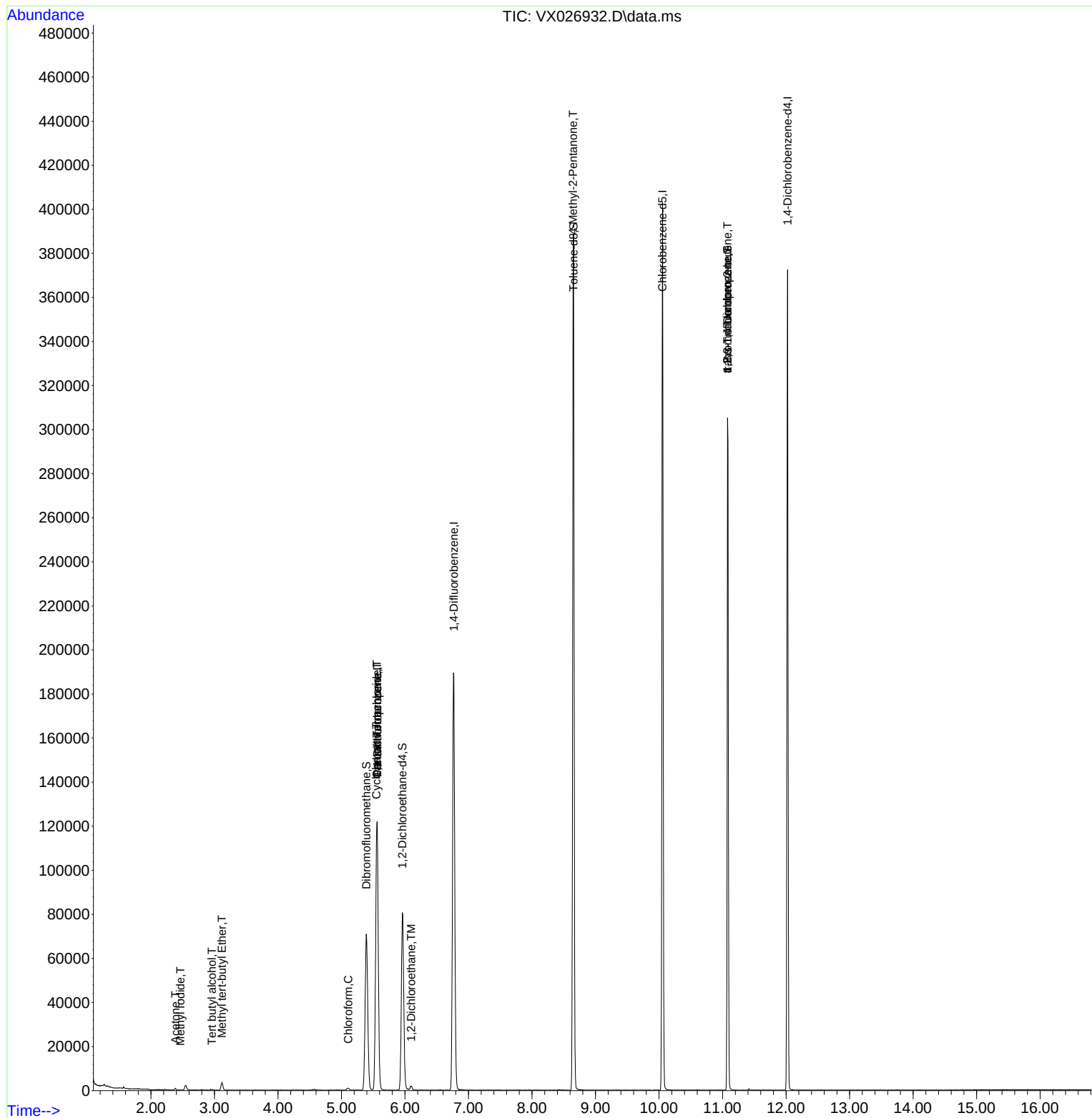
Internal Standards						
1) Pentafluorobenzene	5.562	168	116142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	196660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76801	55.087	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.180%			
35) Dibromofluoromethane	5.391	113	61476	52.469	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.940%			
50) Toluene-d8	8.653	98	229097	53.268	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.540%			
62) 4-Bromofluorobenzene	11.079	95	82327	54.371	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.740%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	21	2.266	ug/l #	37
11) Tert butyl alcohol	2.959	59	287	1.140	ug/l #	75
16) Acetone	2.386	43	892	1.457	ug/l	89
19) Methyl tert-butyl Ether	3.117	73	3379	0.803	ug/l	99
30) Chloroform	5.105	83	1275	0.535	ug/l #	80
31) Cyclohexane	5.550	56	2345	1.059	ug/l #	3
36) 1,1-Dichloropropene	5.562	75	9137	4.943	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12243	6.316	ug/l #	17
42) 1,2-Dichloroethane	6.099	62	2186	1.152	ug/l #	75
51) 4-Methyl-2-Pentanone	8.647	43	1013	0.517	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41203	25.243	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	41203	76.964	ug/l #	3

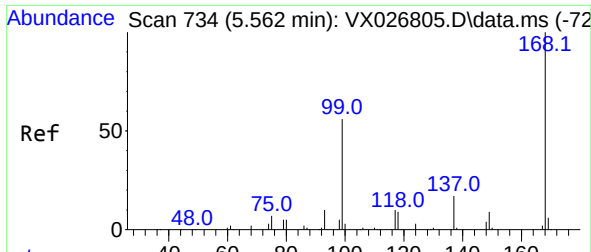
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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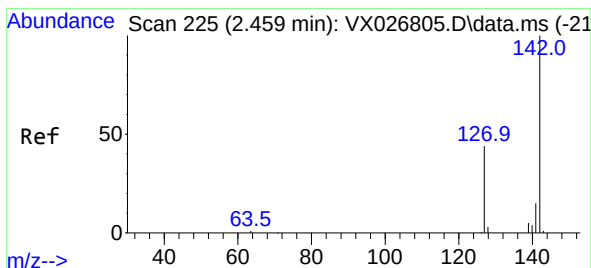
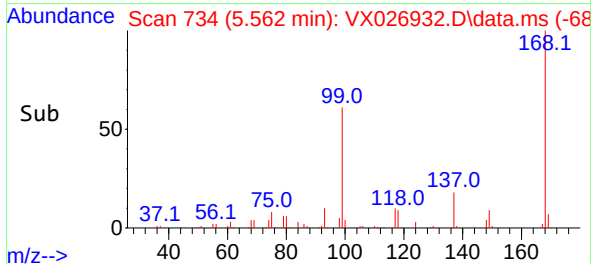
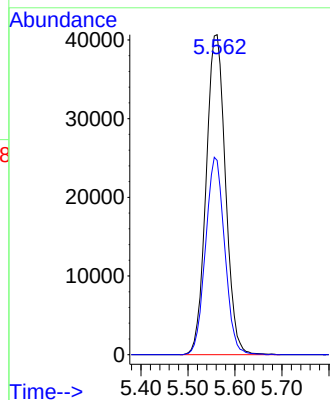
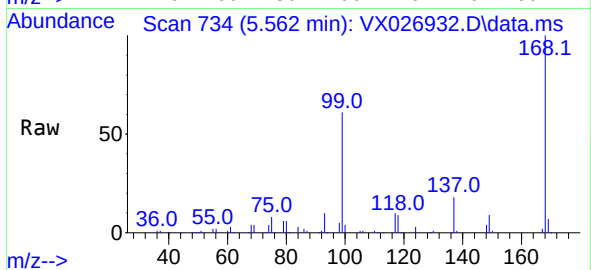




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026932.D
Acq: 10 Feb 2022 19:50

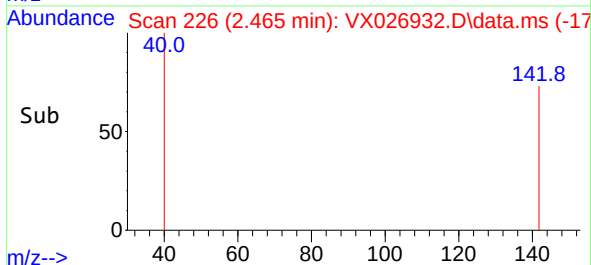
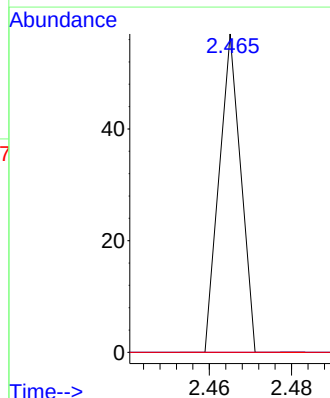
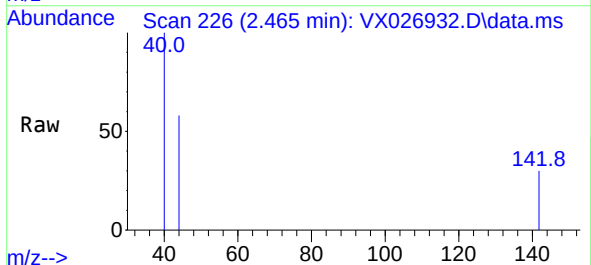
Instrument :
MSVOA_X
ClientSampleId :
MW-107

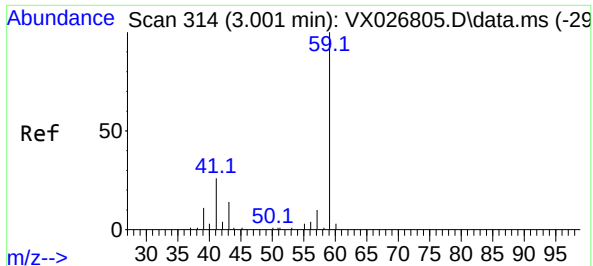
Tgt Ion:168 Resp: 116142
Ion Ratio Lower Upper
168 100
99 60.7 50.3 75.5



#10
Methyl Iodide
Concen: 2.266 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026932.D
Acq: 10 Feb 2022 19:50

Tgt Ion:142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

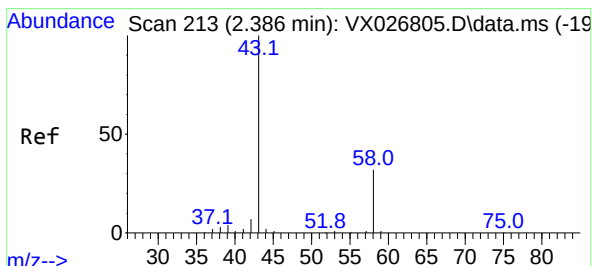
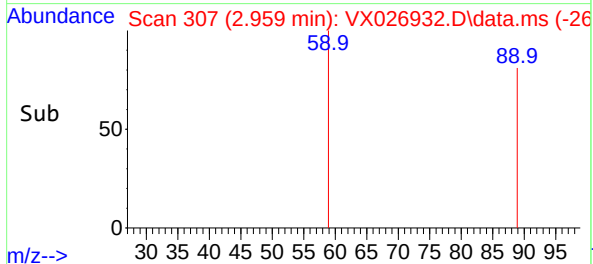
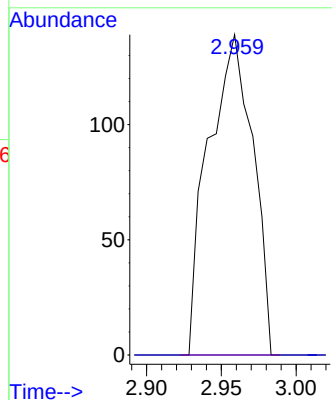
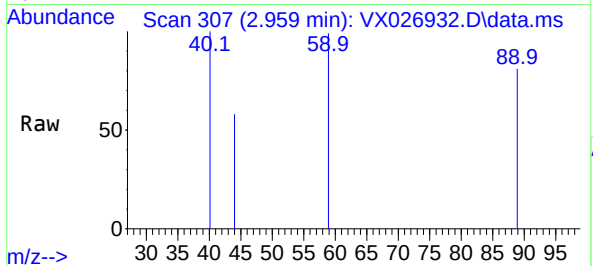




#11
Tert butyl alcohol
Concen: 1.140 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.042 min
Lab File: VX026932.D
Acq: 10 Feb 2022 19:50

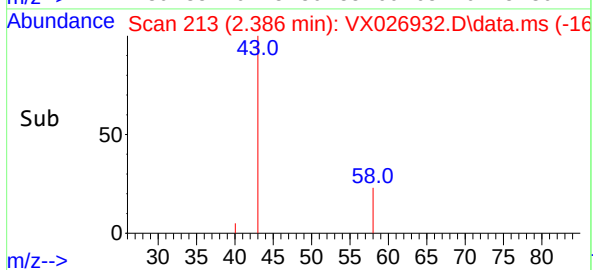
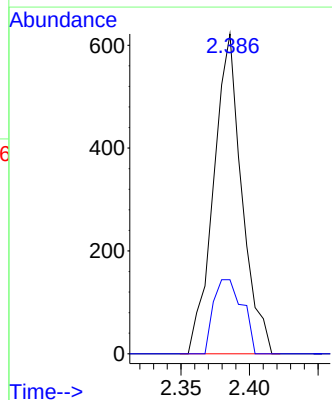
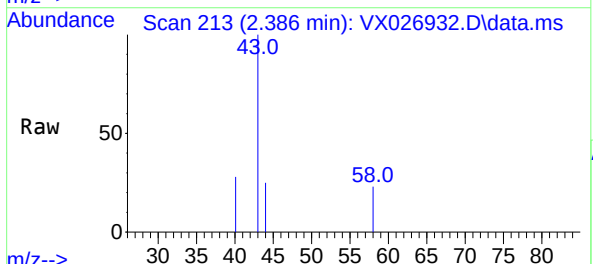
Instrument :
MSVOA_X
ClientSampleId :
MW-107

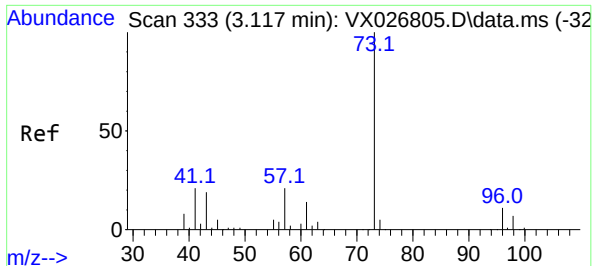
Tgt Ion: 59 Resp: 287
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 1.457 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026932.D
Acq: 10 Feb 2022 19:50

Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
58 23.2 23.0 34.6





#19

Methyl tert-butyl Ether

Concen: 0.803 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX026932.D

Acq: 10 Feb 2022 19:50

Instrument :

MSVOA_X

ClientSampleId :

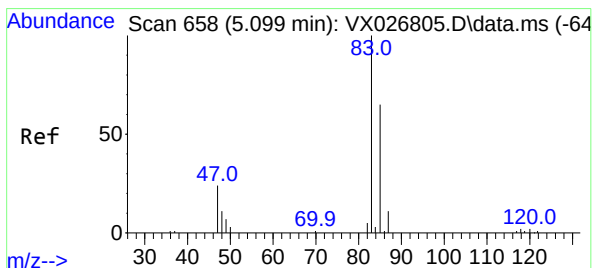
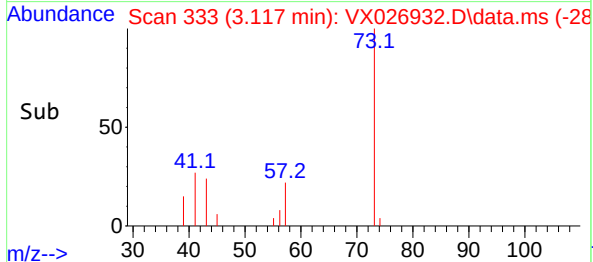
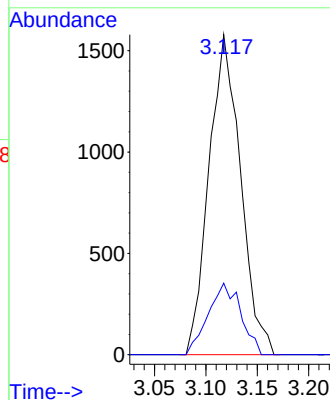
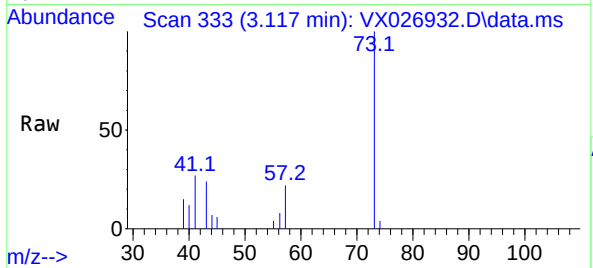
MW-107

Tgt Ion: 73 Resp: 3379

Ion Ratio Lower Upper

73 100

57 22.4 17.4 26.2



#30

Chloroform

Concen: 0.535 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX026932.D

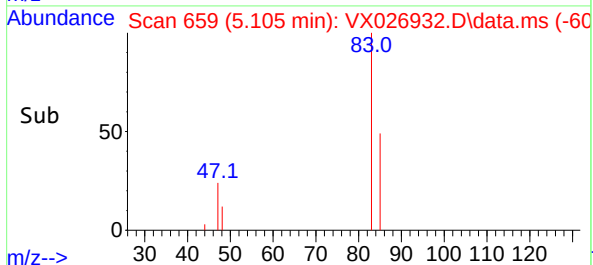
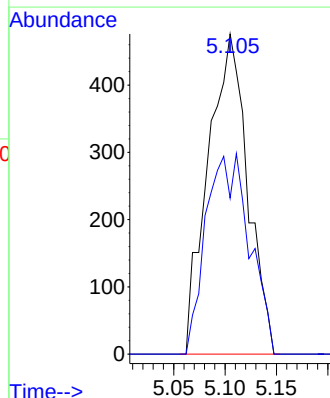
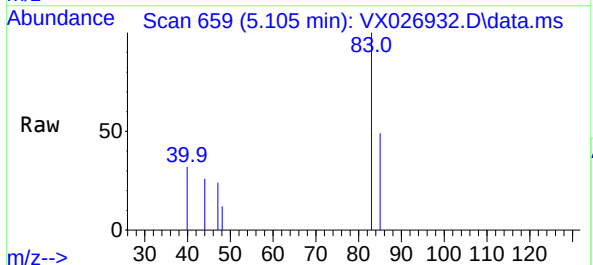
Acq: 10 Feb 2022 19:50

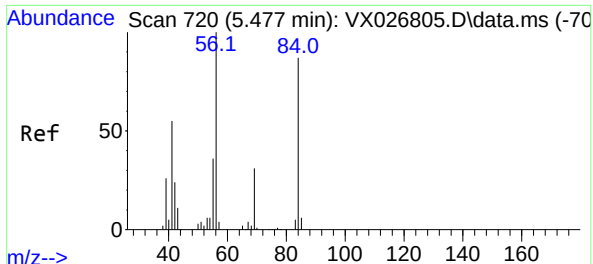
Tgt Ion: 83 Resp: 1275

Ion Ratio Lower Upper

83 100

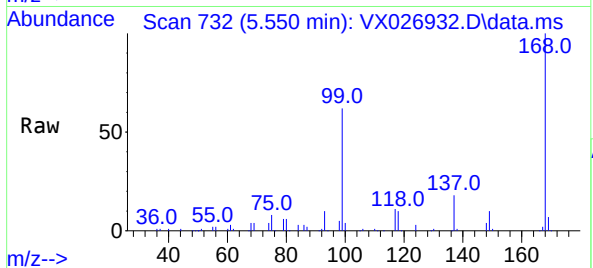
85 48.7 51.6 77.4#



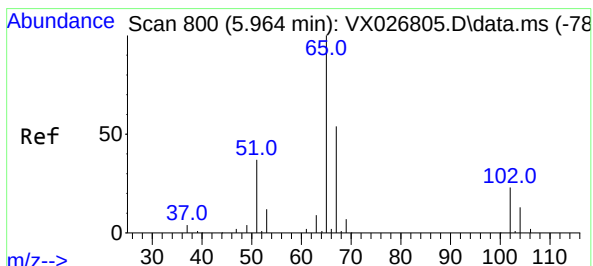
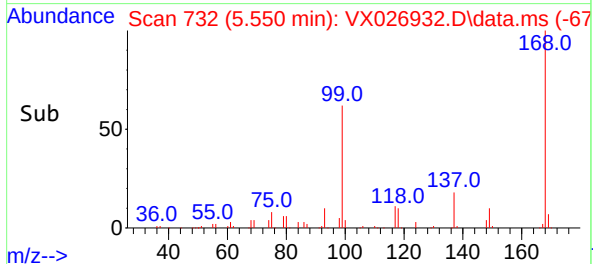
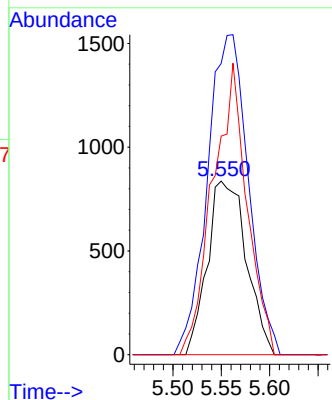


#31
Cyclohexane
Concen: 1.059 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX026932.D
Acq: 10 Feb 2022 19:50

Instrument :
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ClientSampleId :
MW-107

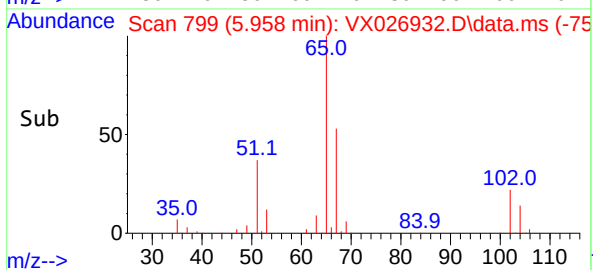
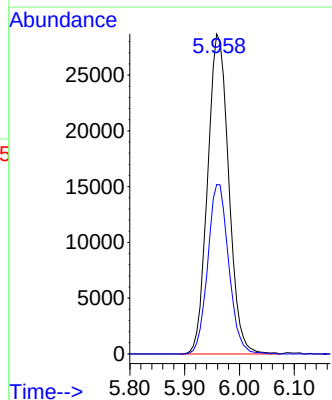
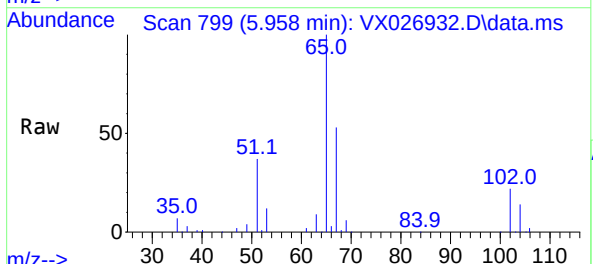


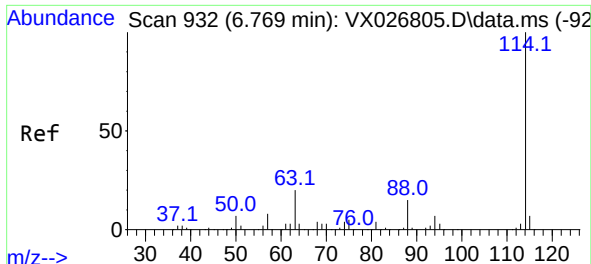
Tgt Ion: 56 Resp: 2345
Ion Ratio Lower Upper
56 100
69 167.6 25.8 38.6#
84 125.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 55.087 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026932.D
Acq: 10 Feb 2022 19:50

Tgt Ion: 65 Resp: 76801
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.8

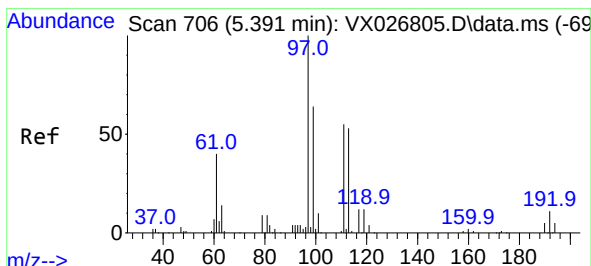
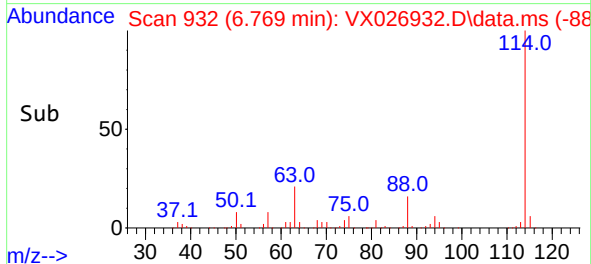
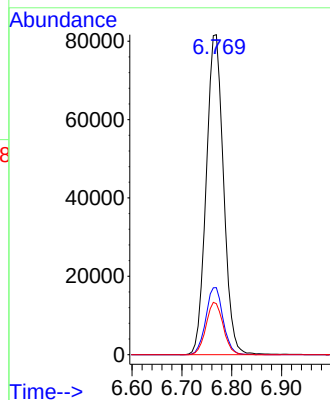
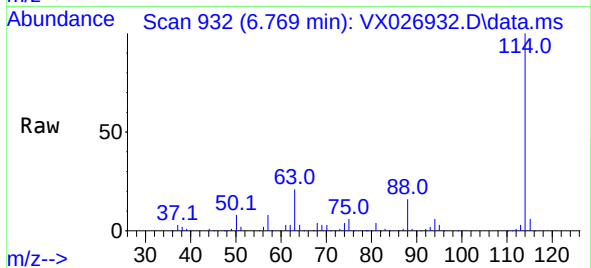




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026932.D
Acq: 10 Feb 2022 19:50

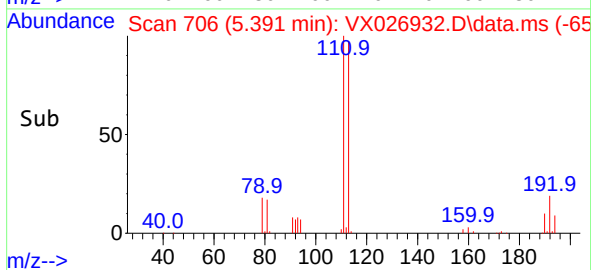
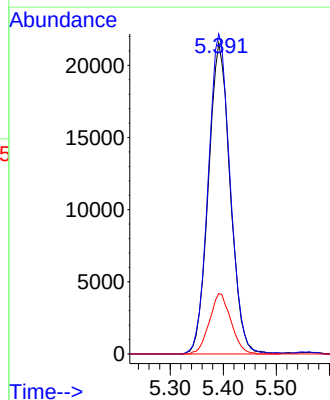
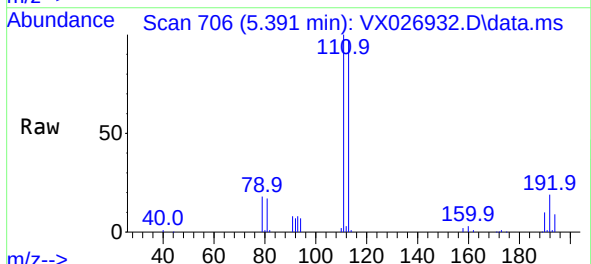
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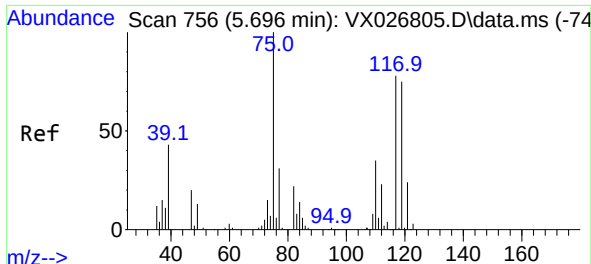
Tgt Ion:114 Resp: 196660
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.8
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.469 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026932.D
Acq: 10 Feb 2022 19:50

Tgt Ion:113 Resp: 61476
Ion Ratio Lower Upper
113 100
111 103.5 81.2 121.8
192 19.2 15.0 22.4

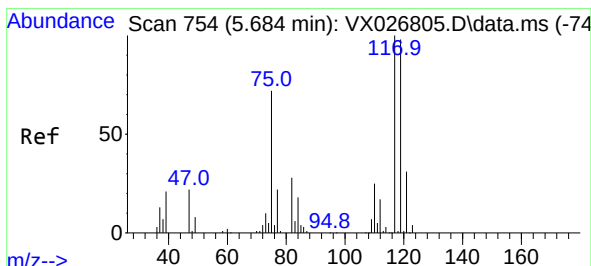
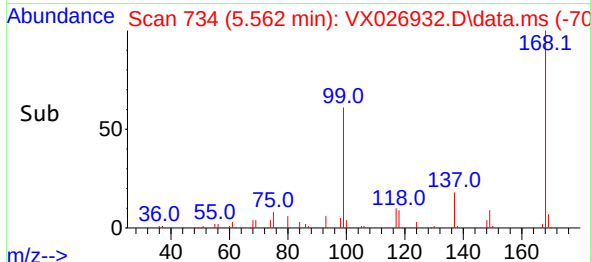
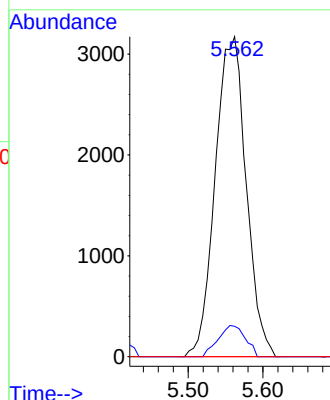
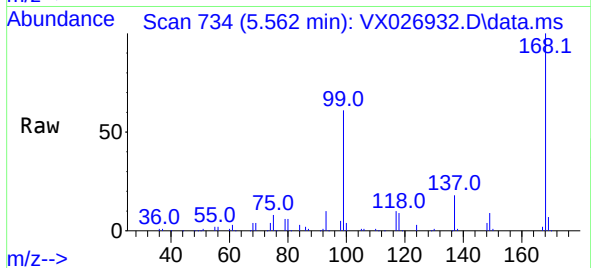




#36
1,1-Dichloropropene
Concen: 4.943 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX026932.D
Acq: 10 Feb 2022 19:50

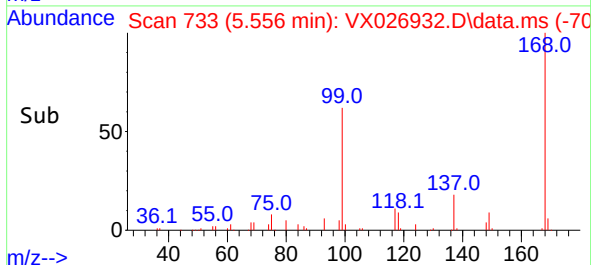
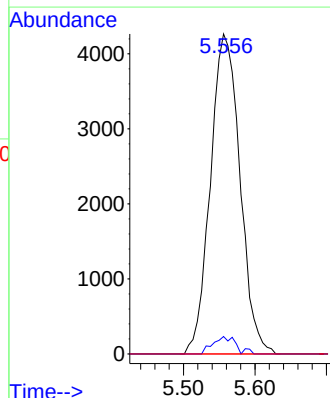
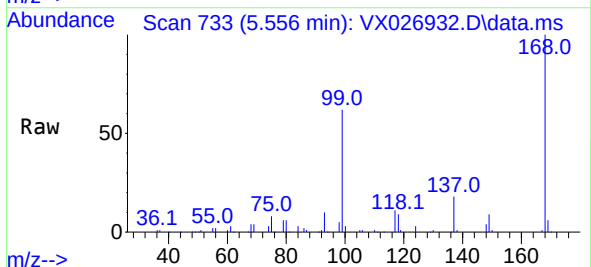
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MW-107

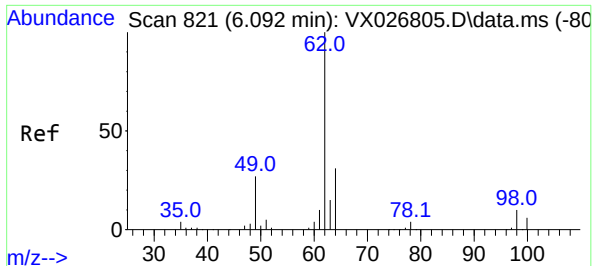
Tgt Ion: 75 Resp: 9137
Ion Ratio Lower Upper
75 100
110 8.5 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.316 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026932.D
Acq: 10 Feb 2022 19:50

Tgt Ion: 117 Resp: 12243
Ion Ratio Lower Upper
117 100
119 5.4 74.7 112.1#
121 0.0 25.4 38.0#





#42

1,2-Dichloroethane

Concen: 1.152 ug/l

RT: 6.099 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX026932.D

Acq: 10 Feb 2022 19:50

Instrument :

MSVOA_X

ClientSampleId :

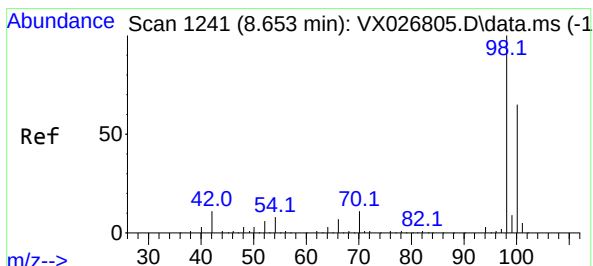
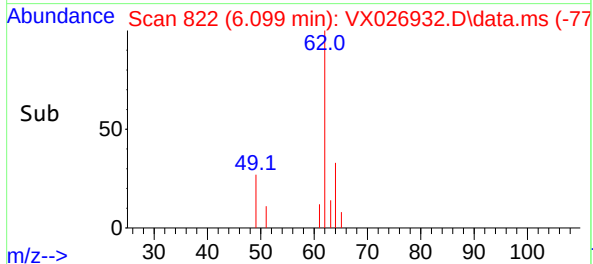
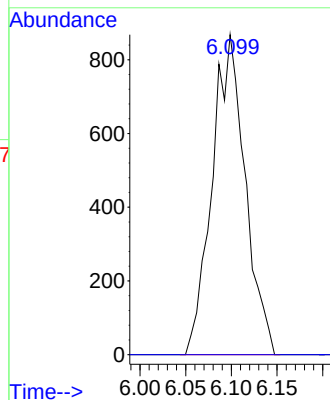
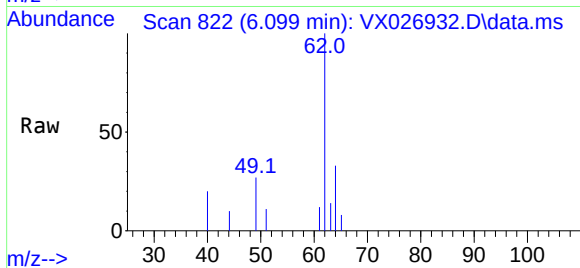
MW-107

Tgt Ion: 62 Resp: 2186

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.8



#50

Toluene-d8

Concen: 53.268 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026932.D

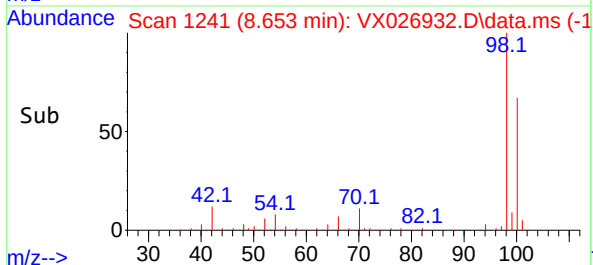
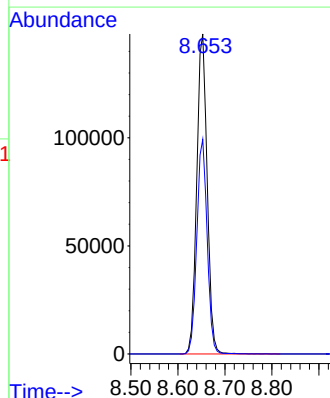
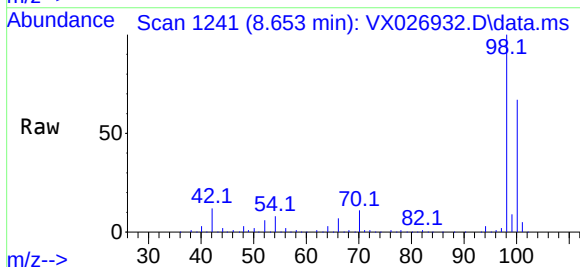
Acq: 10 Feb 2022 19:50

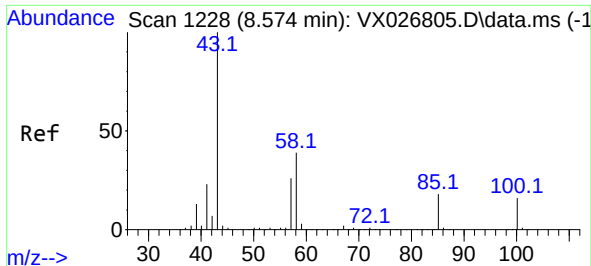
Tgt Ion: 98 Resp: 229097

Ion Ratio Lower Upper

98 100

100 66.6 53.2 79.8

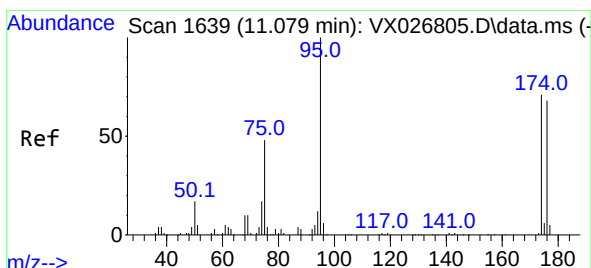
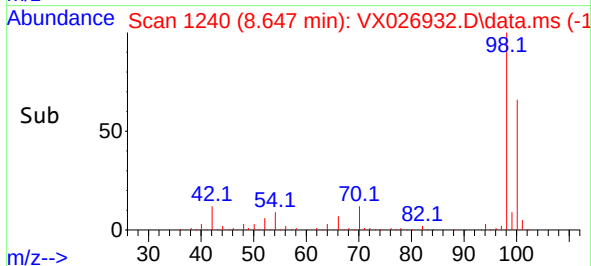
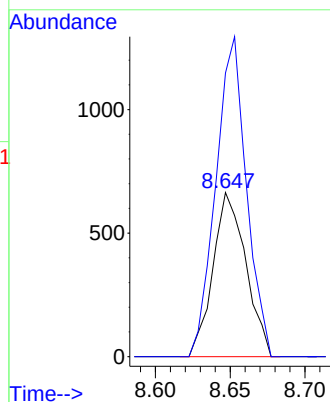
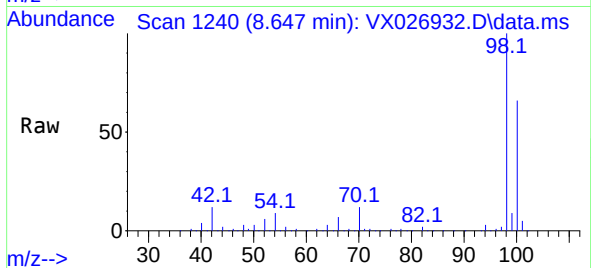




#51
4-Methyl-2-Pentanone
Concen: 0.517 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX026932.D
Acq: 10 Feb 2022 19:50

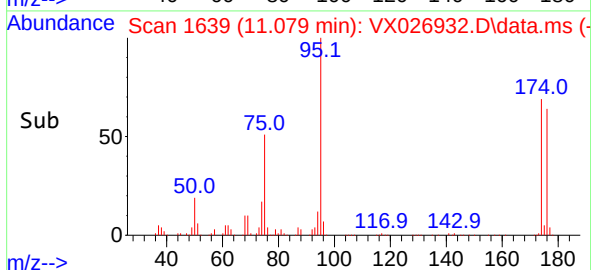
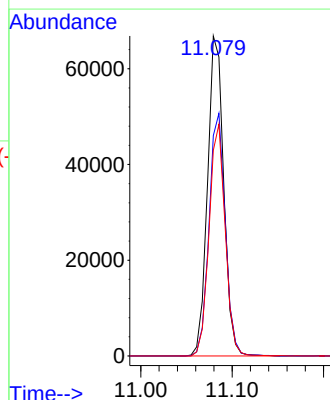
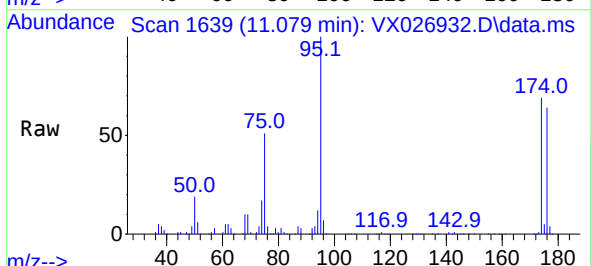
Instrument :
MSVOA_X
ClientSampleId :
MW-107

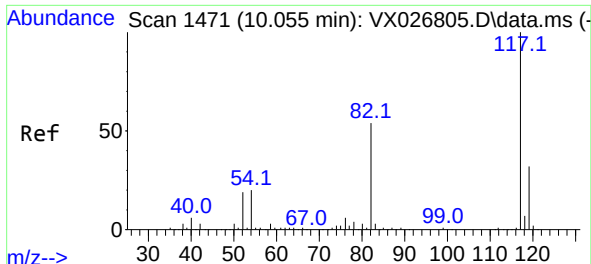
Tgt Ion: 43 Resp: 1013
Ion Ratio Lower Upper
43 100
58 182.0 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 54.371 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026932.D
Acq: 10 Feb 2022 19:50

Tgt Ion: 95 Resp: 82327
Ion Ratio Lower Upper
95 100
174 76.0 0.0 148.6
176 72.0 0.0 141.4

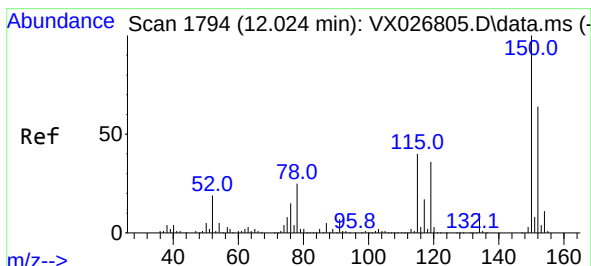
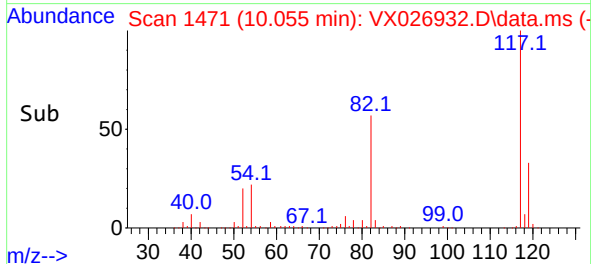
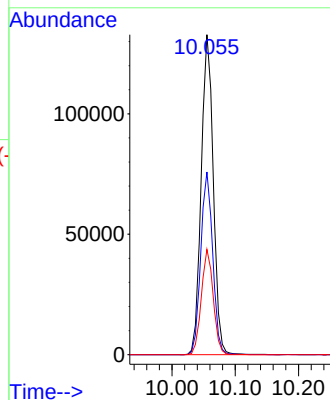
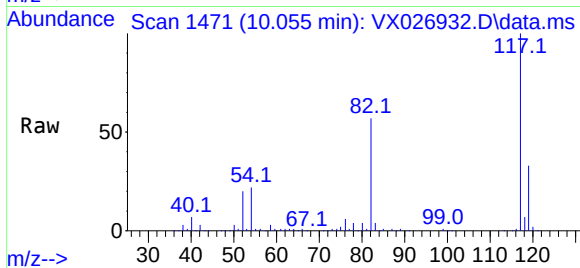




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026932.D
Acq: 10 Feb 2022 19:50

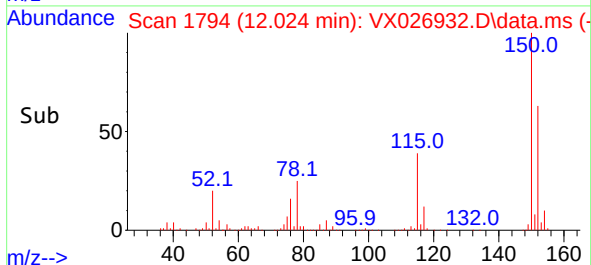
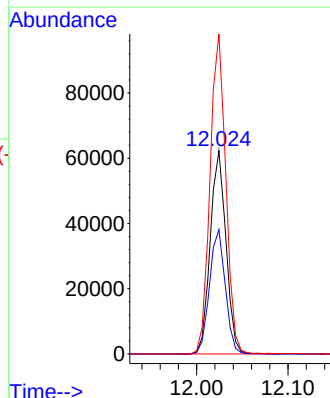
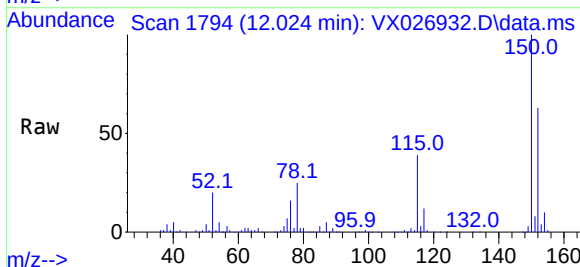
Instrument :
MSVOA_X
ClientSampleId :
MW-107

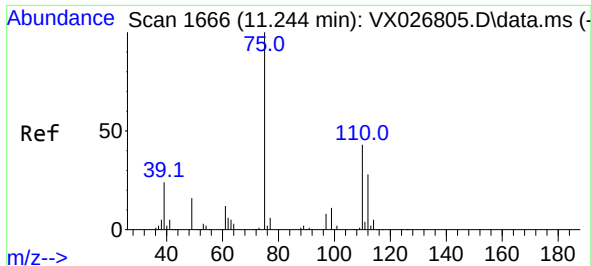
Tgt Ion:117 Resp: 176871
Ion Ratio Lower Upper
117 100
82 57.1 45.2 67.8
119 32.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026932.D
Acq: 10 Feb 2022 19:50

Tgt Ion:152 Resp: 74565
Ion Ratio Lower Upper
152 100
115 61.2 44.2 132.6
150 157.6 0.0 348.2

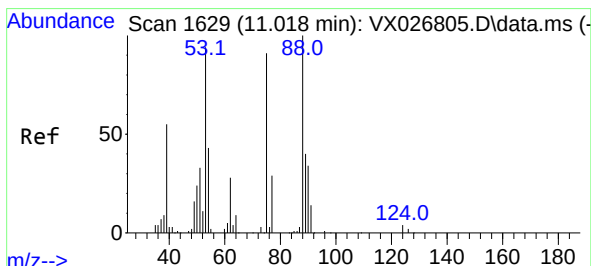
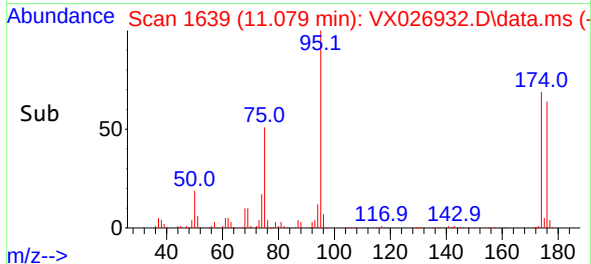
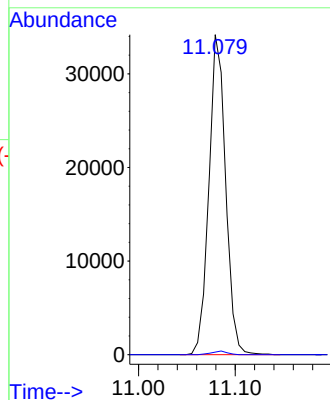
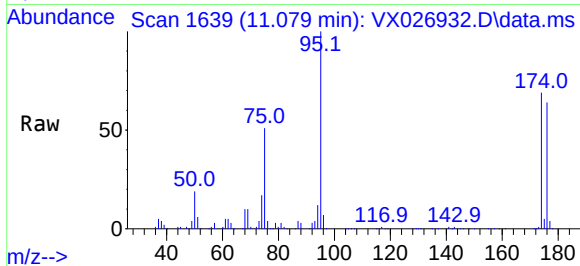




#76
1,2,3-Trichloropropane
Concen: 25.243 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026932.D
Acq: 10 Feb 2022 19:50

Instrument :
MSVOA_X
ClientSampleId :
MW-107

Tgt Ion: 75 Resp: 41203
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026932.D
Acq: 10 Feb 2022 19:50

Tgt Ion: 75 Resp: 41203
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

