

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026970.D
 Acq On : 11 Feb 2022 16:28
 Operator : JC/MD
 Sample : N1467-11DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23DDL

Quant Time: Feb 12 04:31:04 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)

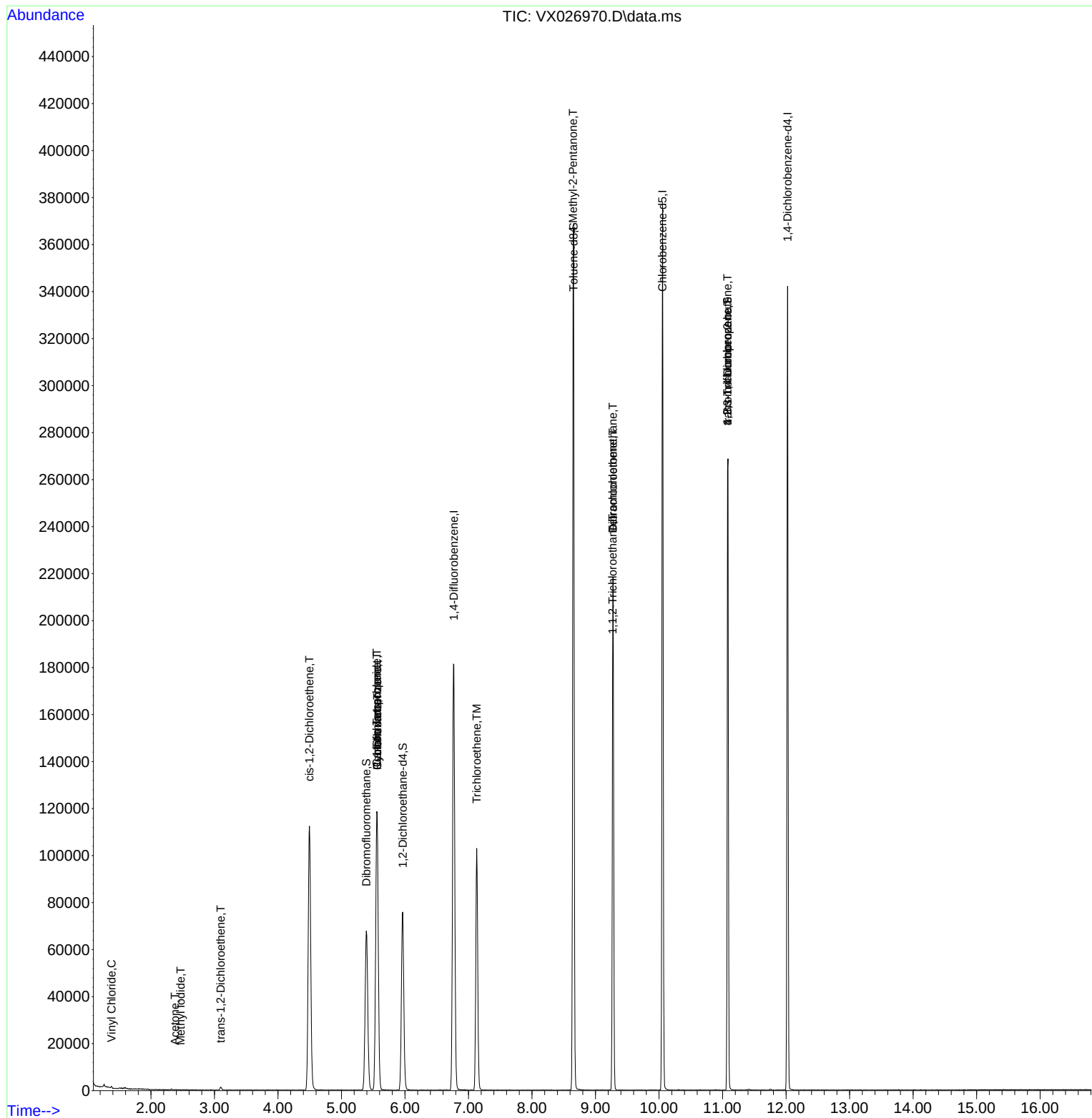
Internal Standards						
1) Pentafluorobenzene	5.562	168	113411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	191781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	73604	54.066	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.140%	
35) Dibromofluoromethane	5.391	113	60678	53.106	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.220%	
50) Toluene-d8	8.653	98	218133	52.009	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.020%	
62) 4-Bromofluorobenzene	11.079	95	75444	51.093	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.180%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	458	0.381	ug/l	98
6) Chloroethane	1.831	64	20	Below Cal	#	43
10) Methyl Iodide	2.465	142	30	2.272	ug/l #	37
16) Acetone	2.380	43	306	0.512	ug/l #	46
21) trans-1,2-Dichloroethene	3.099	96	571	0.468	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	72483	51.688	ug/l	88
31) Cyclohexane	5.562	56	2330	1.077	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	8928	4.953	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11355	6.007	ug/l #	17
44) Trichloroethene	7.129	130	40081	25.410	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	915	0.479	ug/l #	1
55) 1,1,2-Trichloroethane	9.269	97	331	0.263	ug/l #	1
60) Dibromochloromethane	9.275	129	39598	30.563	ug/l #	11
64) Tetrachloroethene	9.275	164	40421	24.660	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	38253	25.317	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	38253	77.180	ug/l #	3

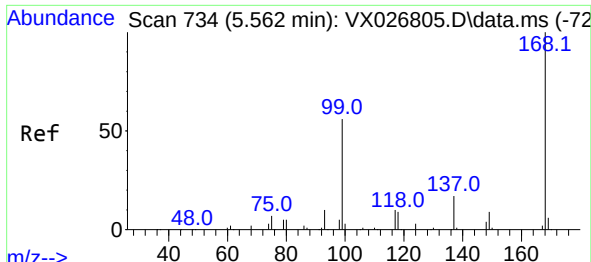
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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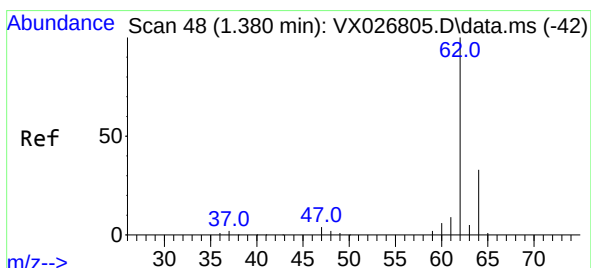
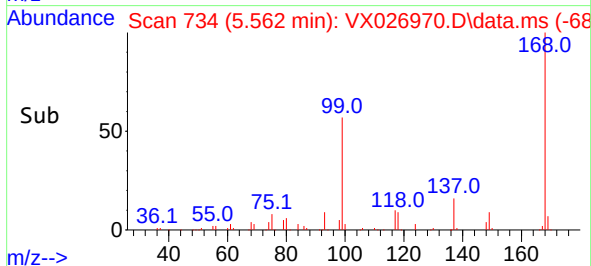
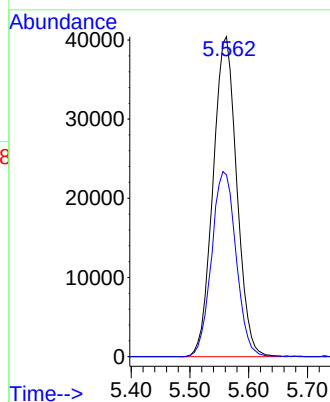
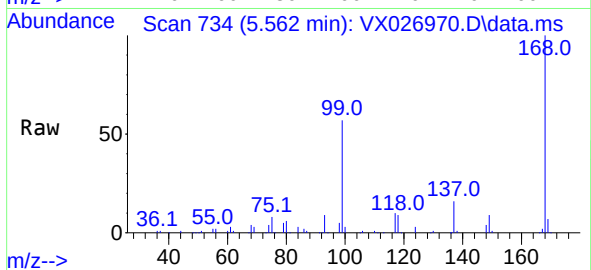




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

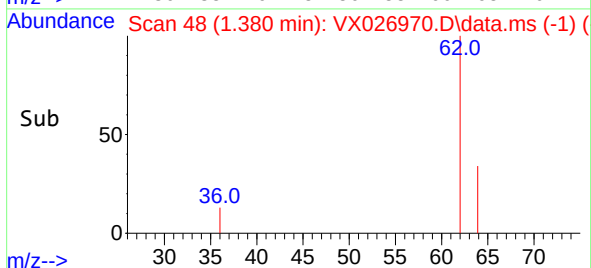
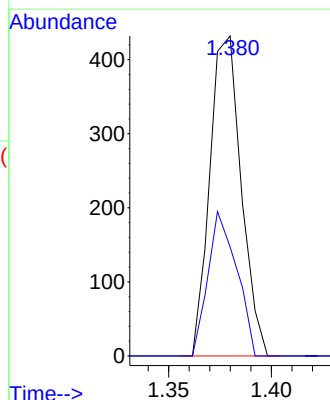
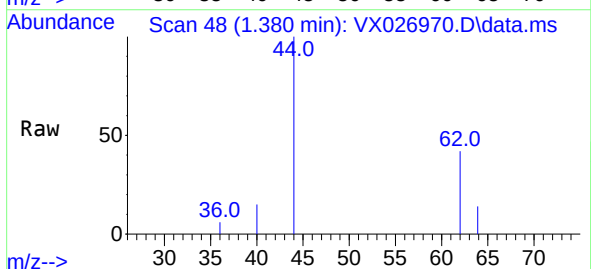
Instrument :
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MW-23DDL

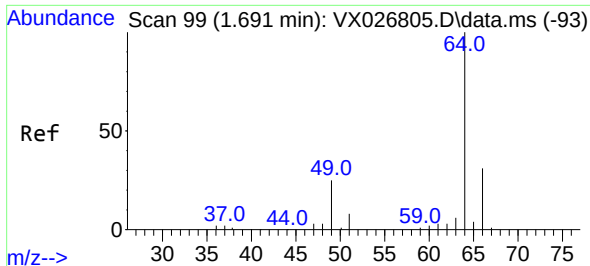
Tgt Ion:168 Resp: 113411
Ion Ratio Lower Upper
168 100
99 56.8 50.3 75.5



#4
Vinyl Chloride
Concen: 0.381 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

Tgt Ion: 62 Resp: 458
Ion Ratio Lower Upper
62 100
64 34.0 26.2 39.2

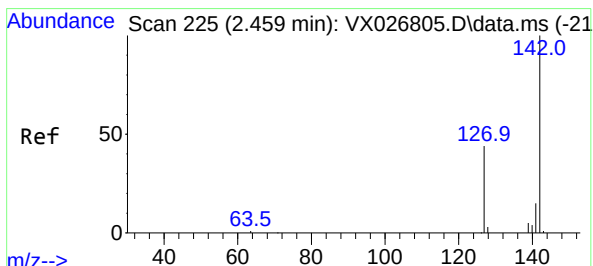
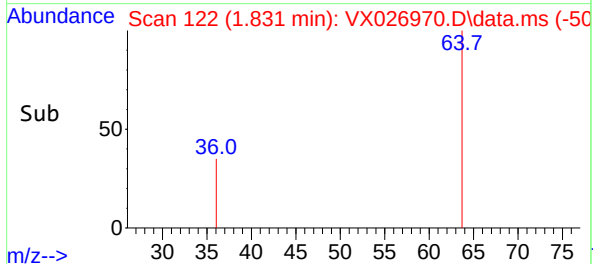
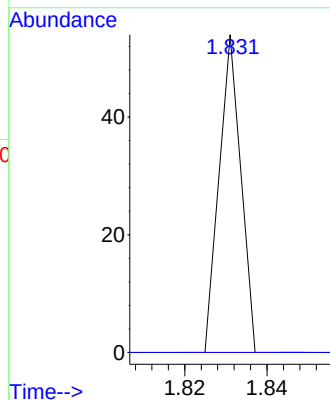
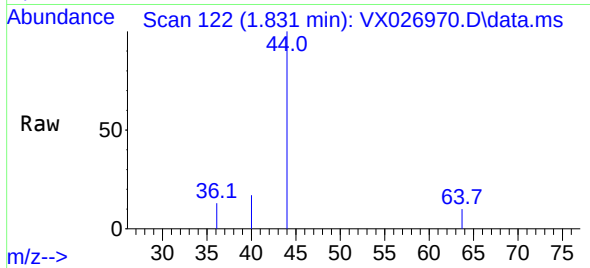




#6
Chloroethane
Concen: Below Cal
RT: 1.831 min Scan# 11
Delta R.T. 0.140 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

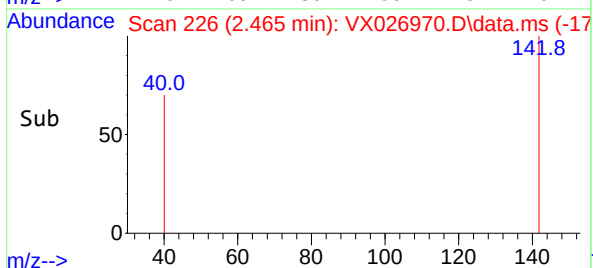
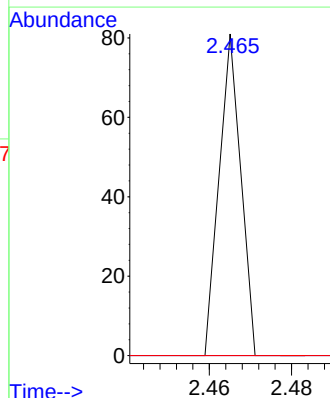
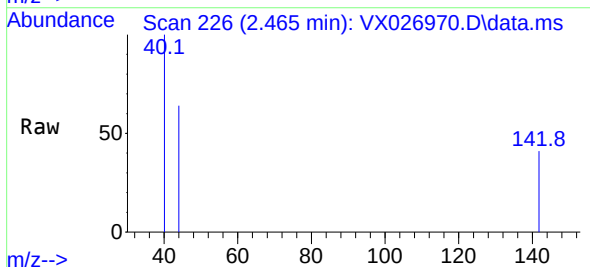
Instrument :
MSVOA_X
ClientSampleId :
MW-23DDL

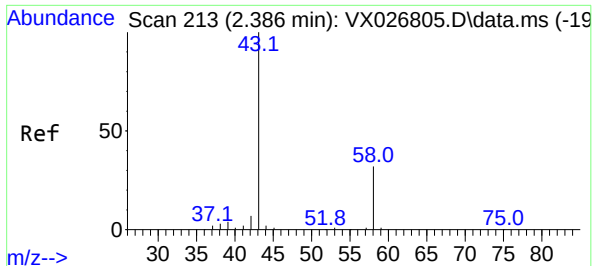
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 2.272 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

Tgt Ion: 142 Resp: 30
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

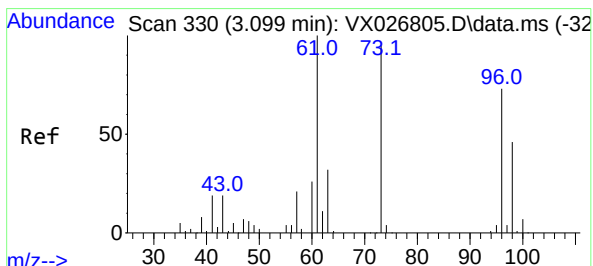
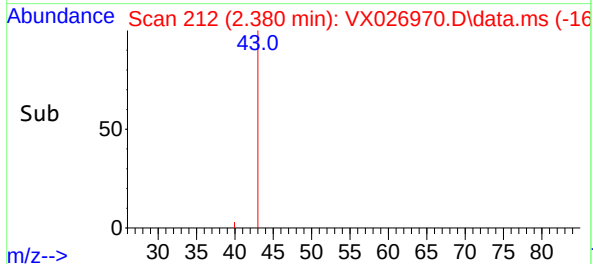
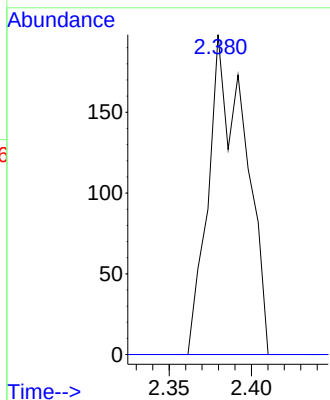
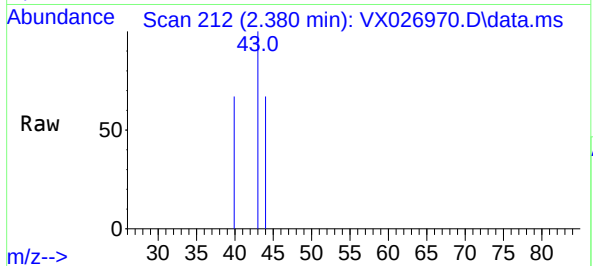




#16
Acetone
Concen: 0.512 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

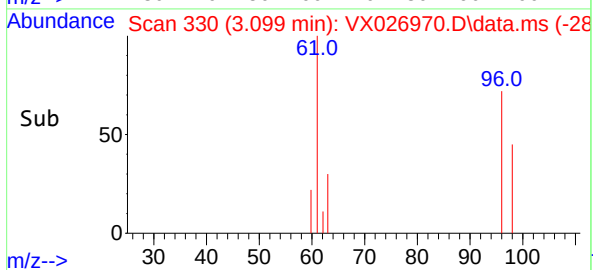
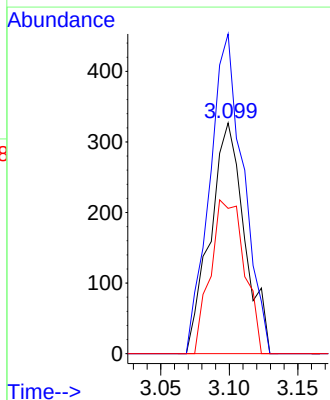
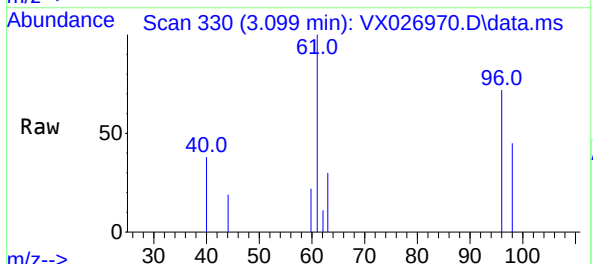
Instrument :
MSVOA_X
ClientSampleId :
MW-23DDL

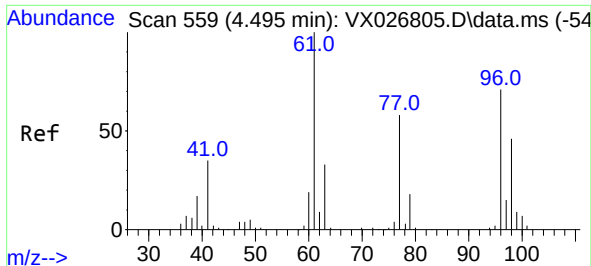
Tgt Ion: 43 Resp: 306
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#



#21
trans-1,2-Dichloroethene
Concen: 0.468 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

Tgt Ion: 96 Resp: 571
Ion Ratio Lower Upper
96 100
61 138.5 112.9 169.3
98 63.0 49.5 74.3

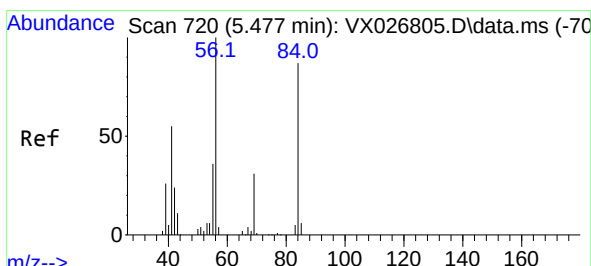
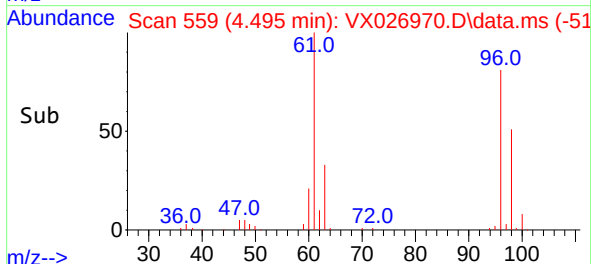
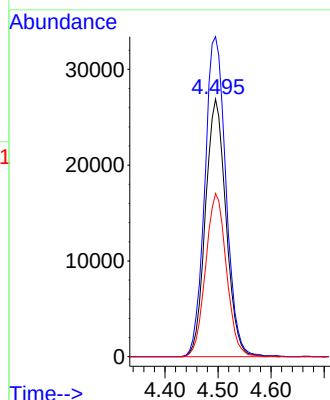
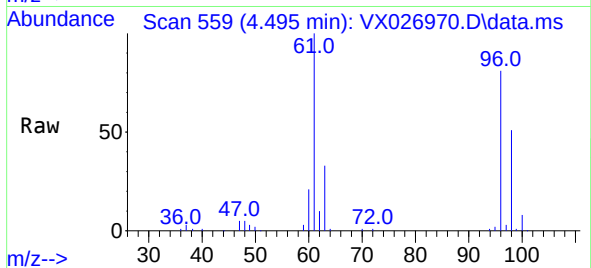




#27
cis-1,2-Dichloroethene
Concen: 51.688 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

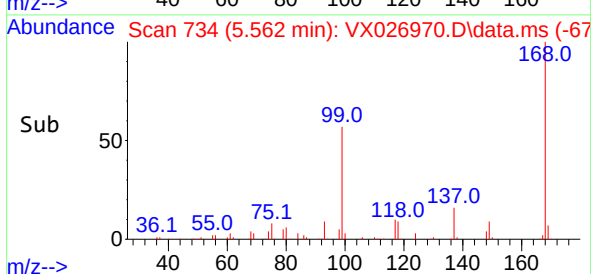
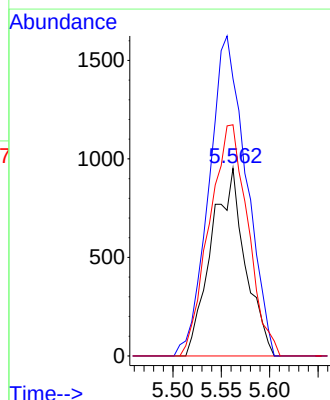
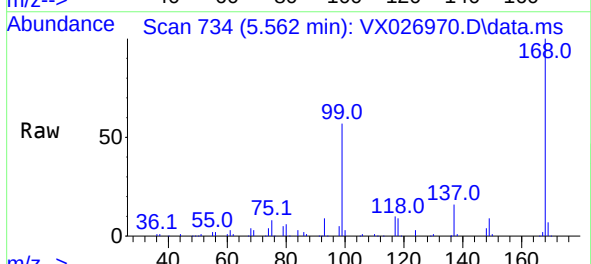
Instrument :
MSVOA_X
ClientSampleId :
MW-23DDL

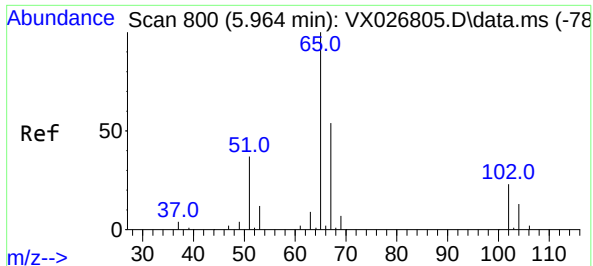
Tgt Ion: 96 Resp: 72483
Ion Ratio Lower Upper
96 100
61 127.6 0.0 296.6
98 64.2 0.0 128.8



#31
Cyclohexane
Concen: 1.077 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

Tgt Ion: 56 Resp: 2330
Ion Ratio Lower Upper
56 100
69 147.8 25.8 38.6#
84 123.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.066 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026970.D

Acq: 11 Feb 2022 16:28

Instrument :

MSVOA_X

ClientSampleId :

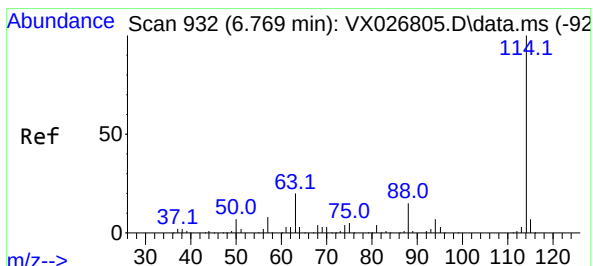
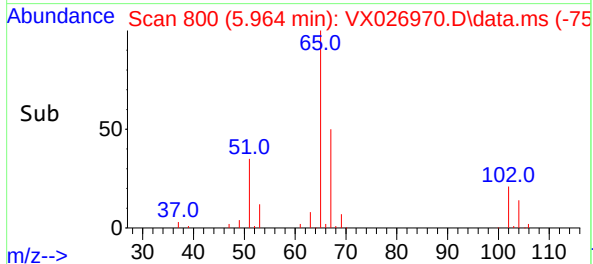
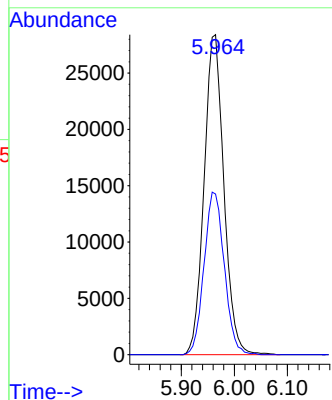
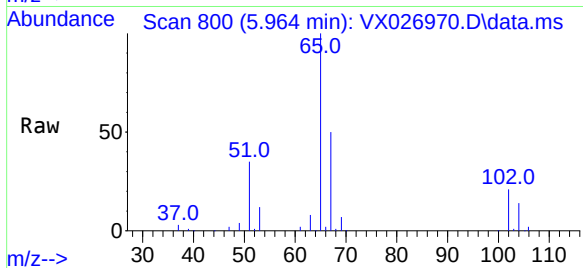
MW-23DDL

Tgt Ion: 65 Resp: 73604

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026970.D

Acq: 11 Feb 2022 16:28

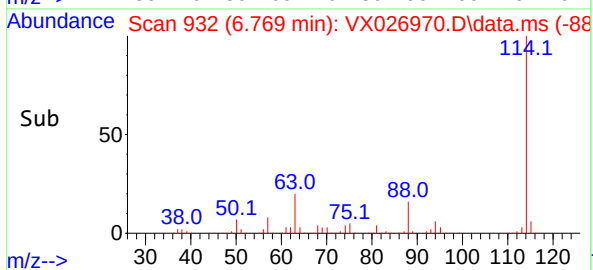
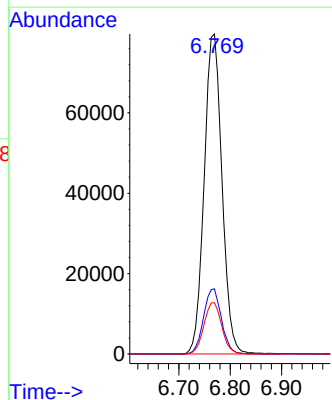
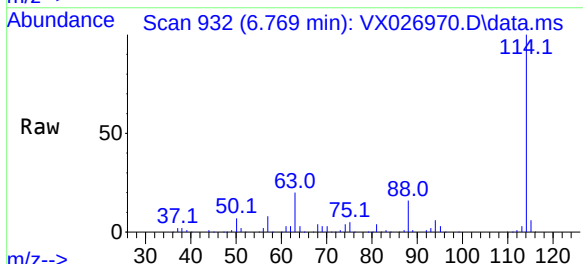
Tgt Ion: 114 Resp: 191781

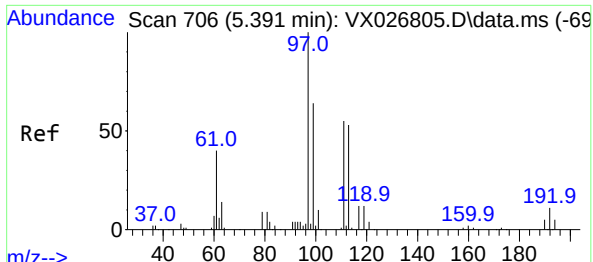
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

88 16.0 0.0 33.0

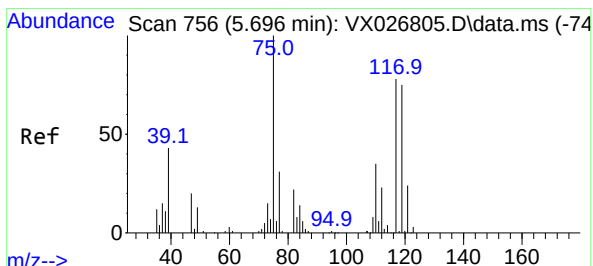
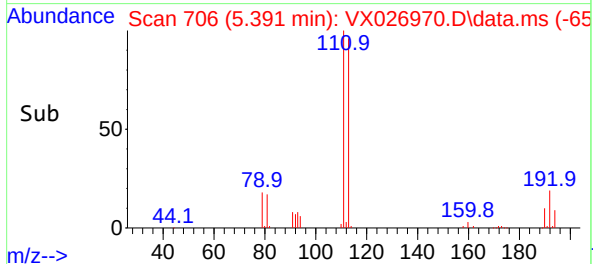
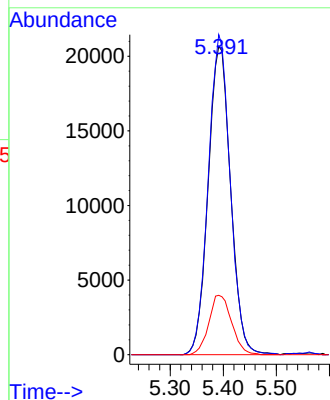
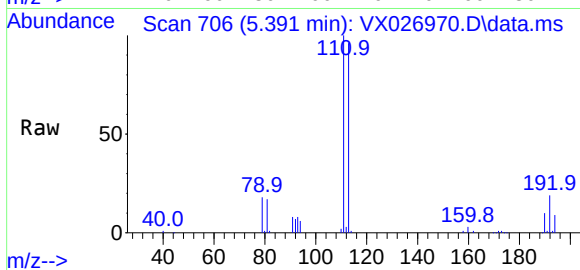




#35
Dibromofluoromethane
Concen: 53.106 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

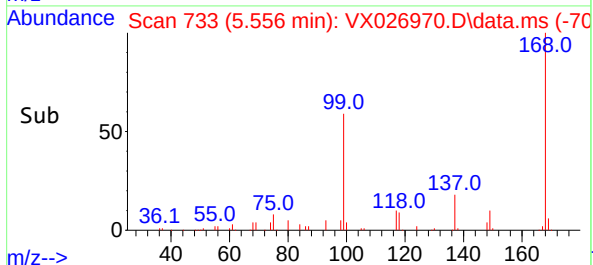
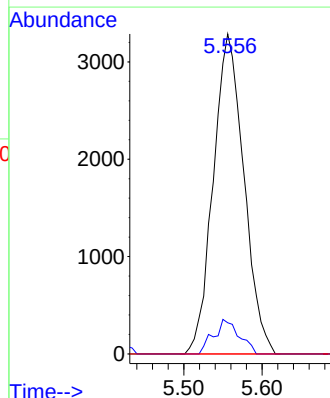
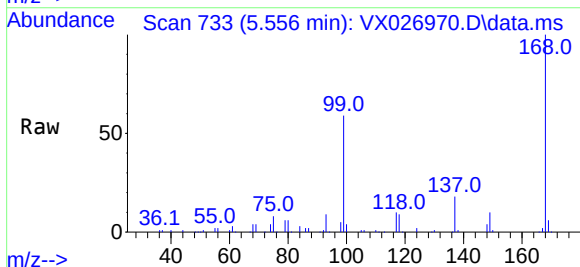
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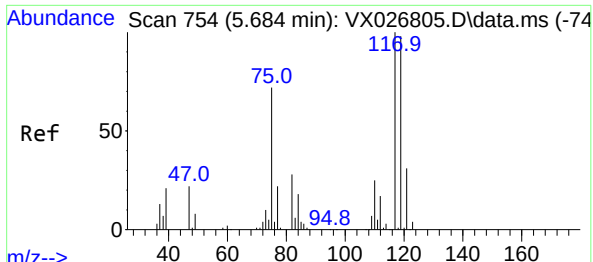
Tgt Ion:113 Resp: 60678
Ion Ratio Lower Upper
113 100
111 101.6 81.2 121.8
192 19.6 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.953 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

Tgt Ion: 75 Resp: 8928
Ion Ratio Lower Upper
75 100
110 9.0 17.2 51.6#
77 0.0 24.6 36.8#

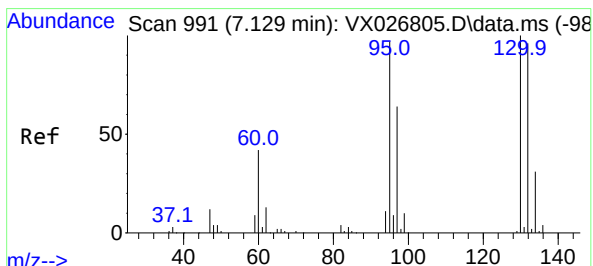
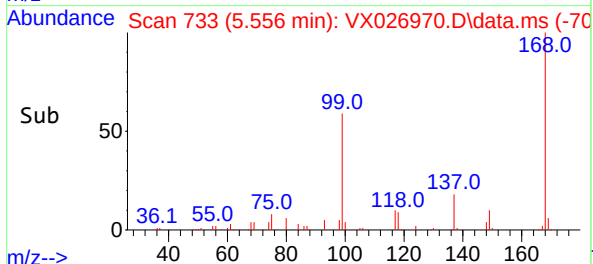
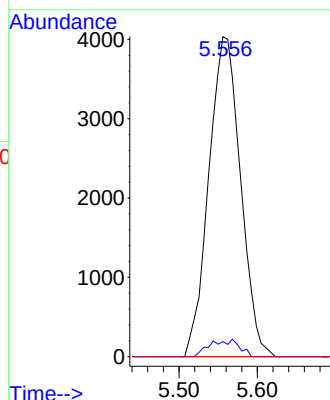
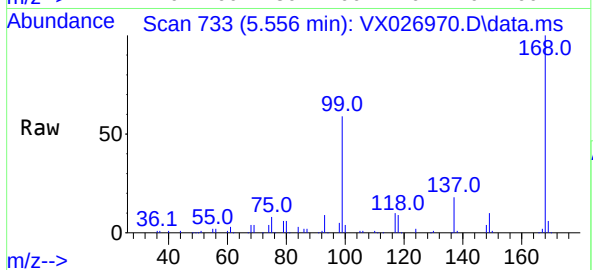




#38
Carbon Tetrachloride
Concen: 6.007 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

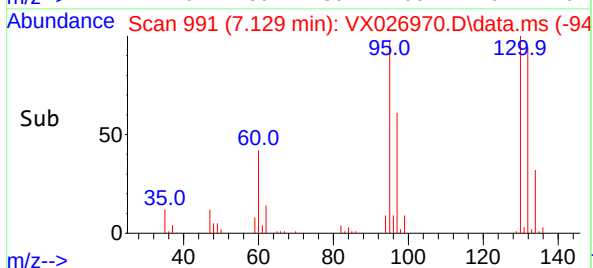
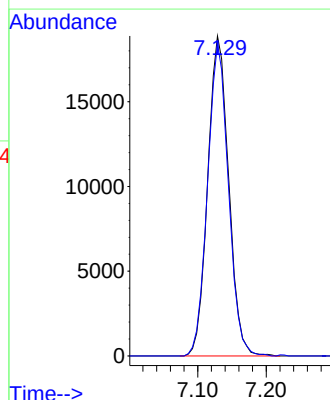
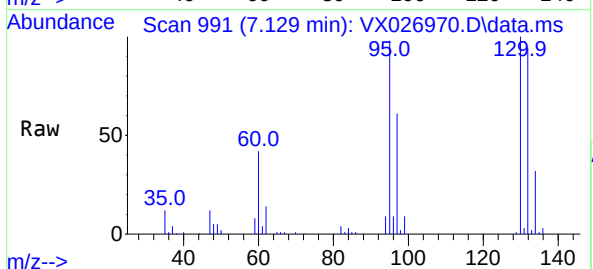
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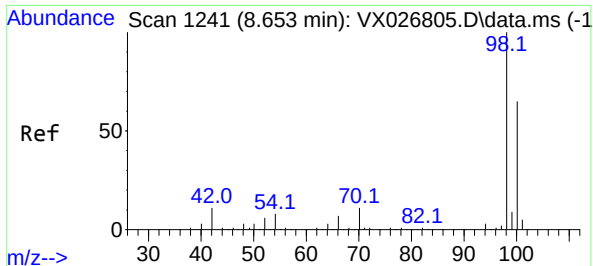
Tgt Ion:117 Resp: 11355
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 25.4 38.0#



#44
Trichloroethene
Concen: 25.410 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

Tgt Ion:130 Resp: 40081
Ion Ratio Lower Upper
130 100
95 97.7 0.0 202.6





#50

Toluene-d8

Concen: 52.009 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026970.D

Acq: 11 Feb 2022 16:28

Instrument :

MSVOA_X

ClientSampleId :

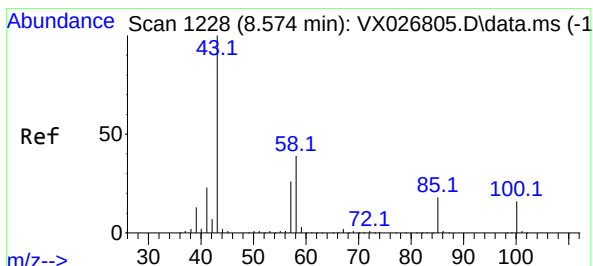
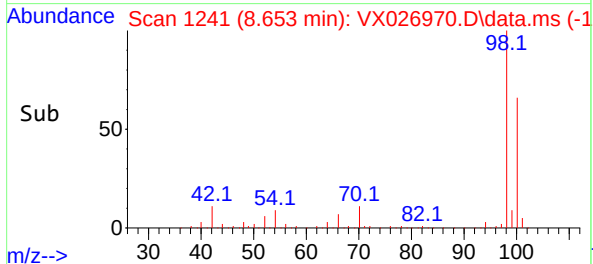
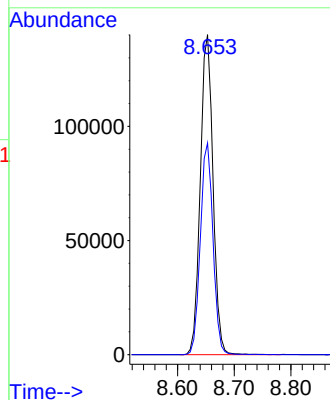
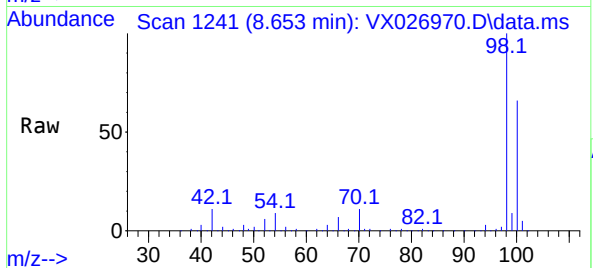
MW-23DDL

Tgt Ion: 98 Resp: 218133

Ion Ratio Lower Upper

98 100

100 65.8 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 0.479 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX026970.D

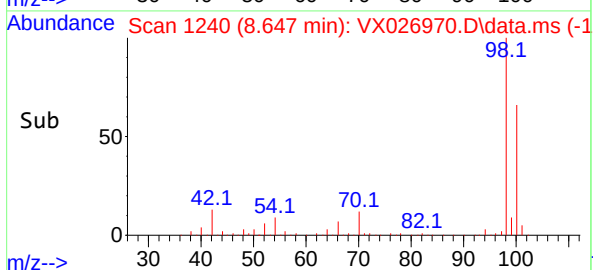
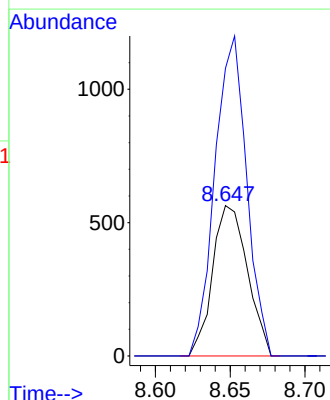
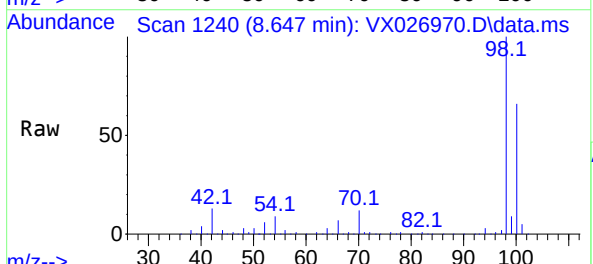
Acq: 11 Feb 2022 16:28

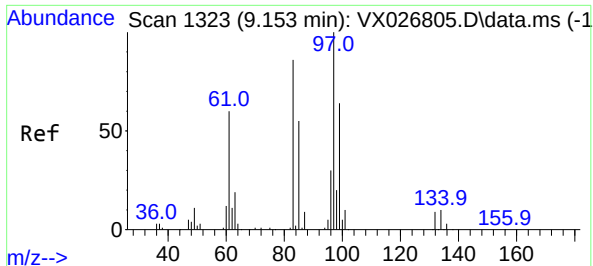
Tgt Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

58 193.8 30.5 45.7#





#55

1,1,2-Trichloroethane

Concen: 0.263 ug/l

RT: 9.269 min Scan# 1

Delta R.T. 0.116 min

Lab File: VX026970.D

Acq: 11 Feb 2022 16:28

Instrument :

MSVOA_X

ClientSampleId :

MW-23DDL

Tgt Ion: 97 Resp: 331

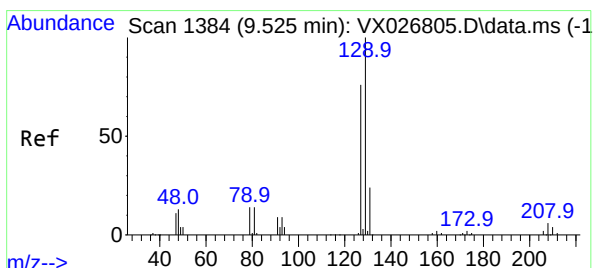
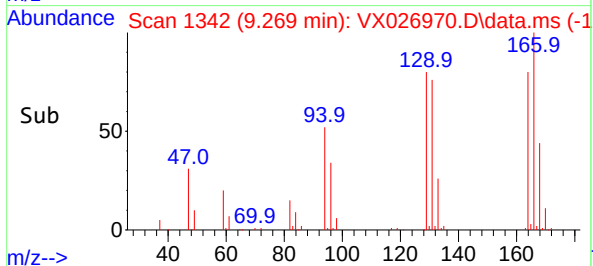
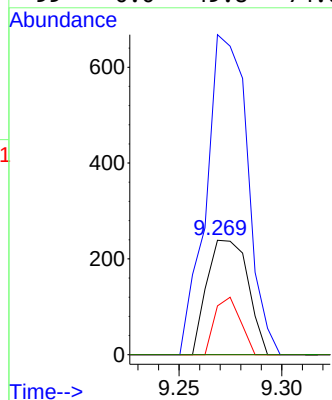
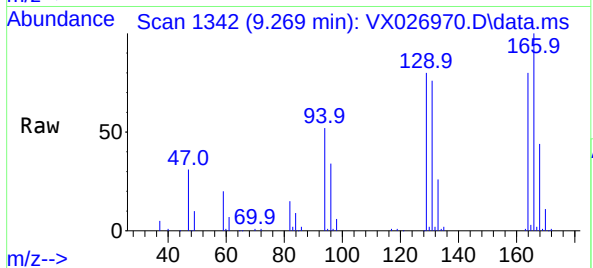
Ion Ratio Lower Upper

97 100

83 279.5 68.4 102.6#

85 42.7 44.0 66.0#

99 0.0 49.8 74.6#



#60

Dibromochloromethane

Concen: 30.563 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX026970.D

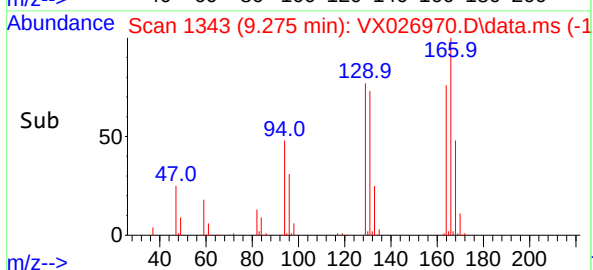
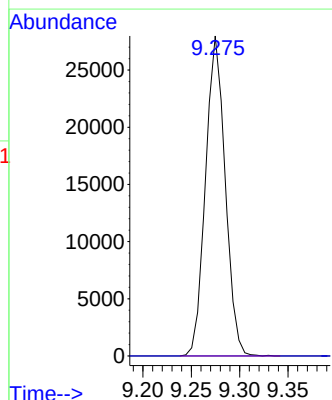
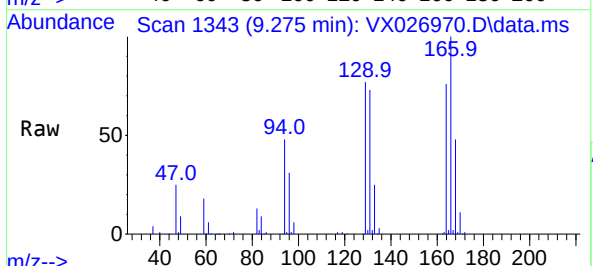
Acq: 11 Feb 2022 16:28

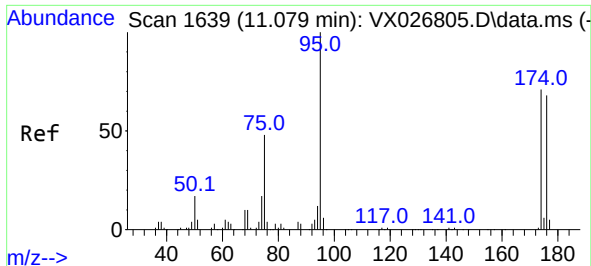
Tgt Ion:129 Resp: 39598

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

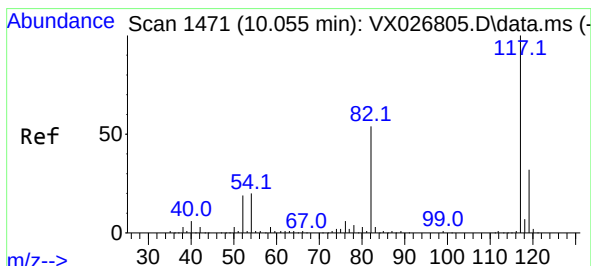
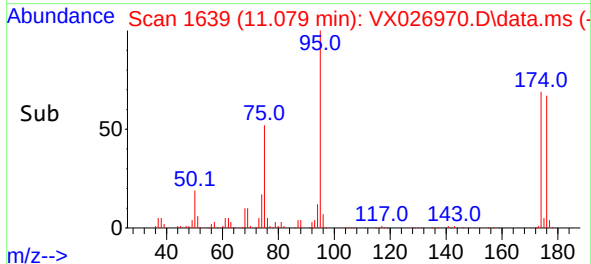
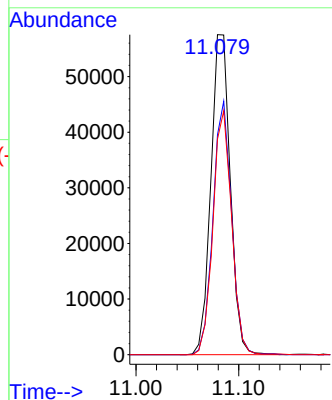
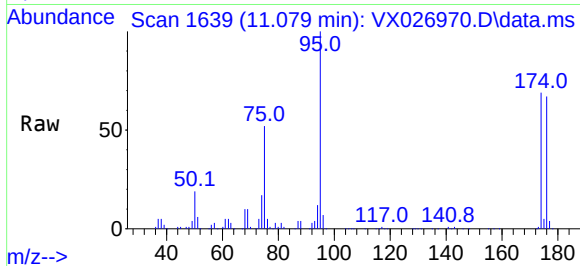




#62
4-Bromofluorobenzene
Concen: 51.093 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

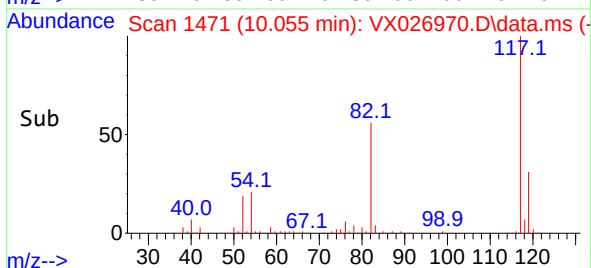
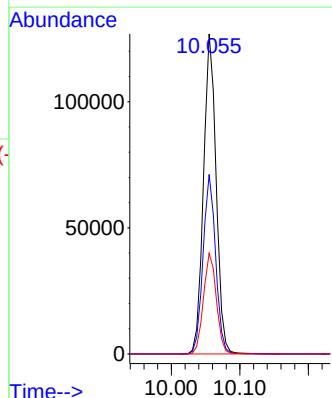
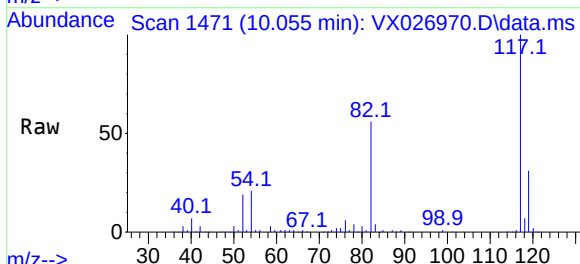
Instrument :
MSVOA_X
ClientSampleId :
MW-23DDL

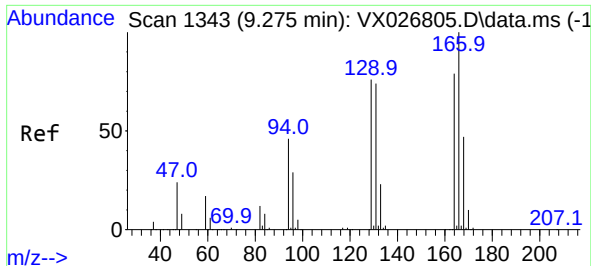
Tgt Ion: 95 Resp: 75444
Ion Ratio Lower Upper
95 100
174 75.6 0.0 148.6
176 73.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

Tgt Ion: 117 Resp: 163203
Ion Ratio Lower Upper
117 100
82 56.1 45.2 67.8
119 31.5 26.2 39.2

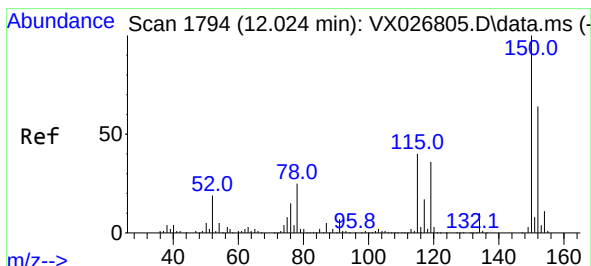
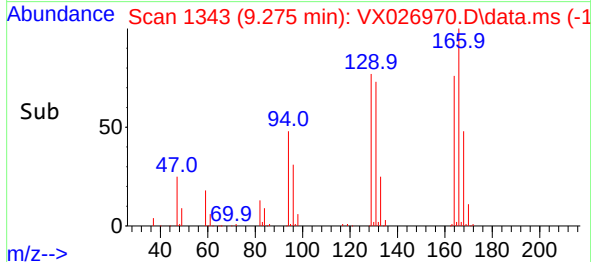
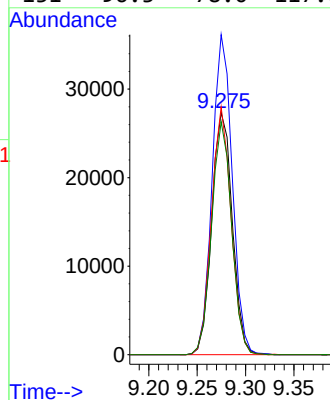
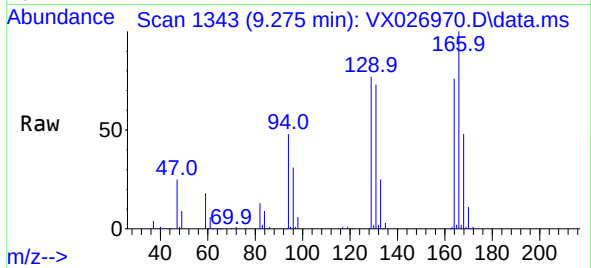




#64
Tetrachloroethene
Concen: 24.660 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

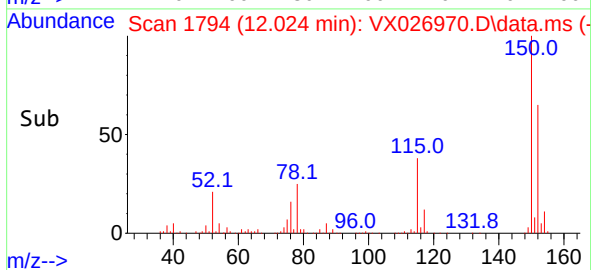
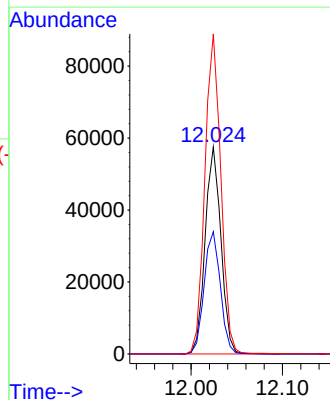
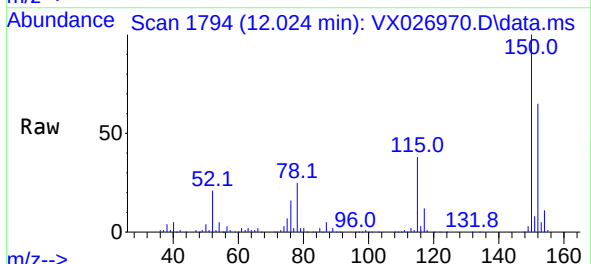
Instrument :
MSVOA_X
ClientSampleId :
MW-23DDL

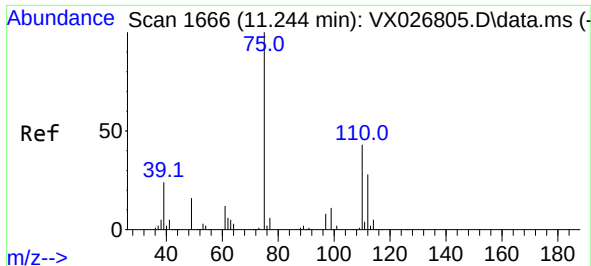
Tgt Ion:164 Resp: 40421
Ion Ratio Lower Upper
164 100
166 132.2 101.8 152.6
129 102.3 83.3 124.9
131 96.3 78.0 117.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

Tgt Ion:152 Resp: 69023
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 156.1 0.0 348.2

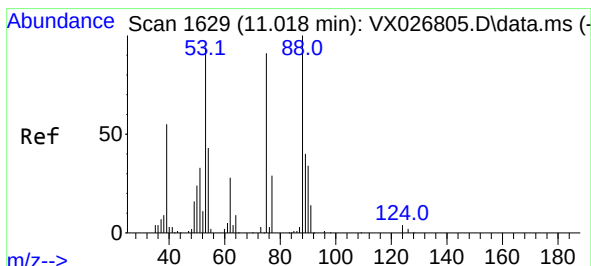
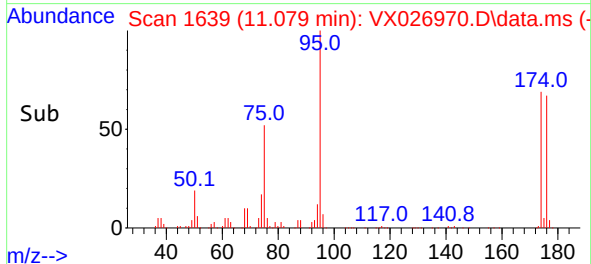
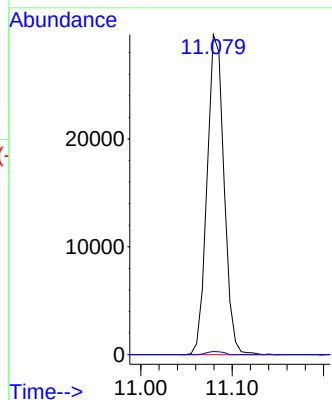
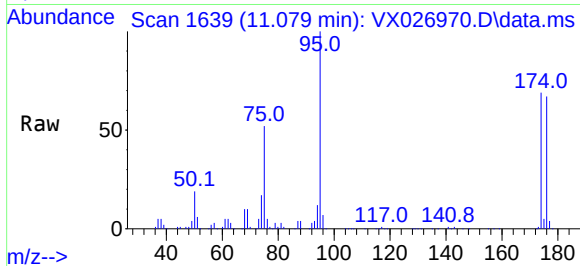




#76
1,2,3-Trichloropropane
Concen: 25.317 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

Instrument :
MSVOA_X
ClientSampleId :
MW-23DDL

Tgt Ion: 75 Resp: 38253
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.180 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026970.D
Acq: 11 Feb 2022 16:28

Tgt Ion: 75 Resp: 38253
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

