

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026971.D
 Acq On : 11 Feb 2022 16:51
 Operator : JC/MD
 Sample : N1467-15DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DL

Quant Time: Feb 12 04:31:24 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)

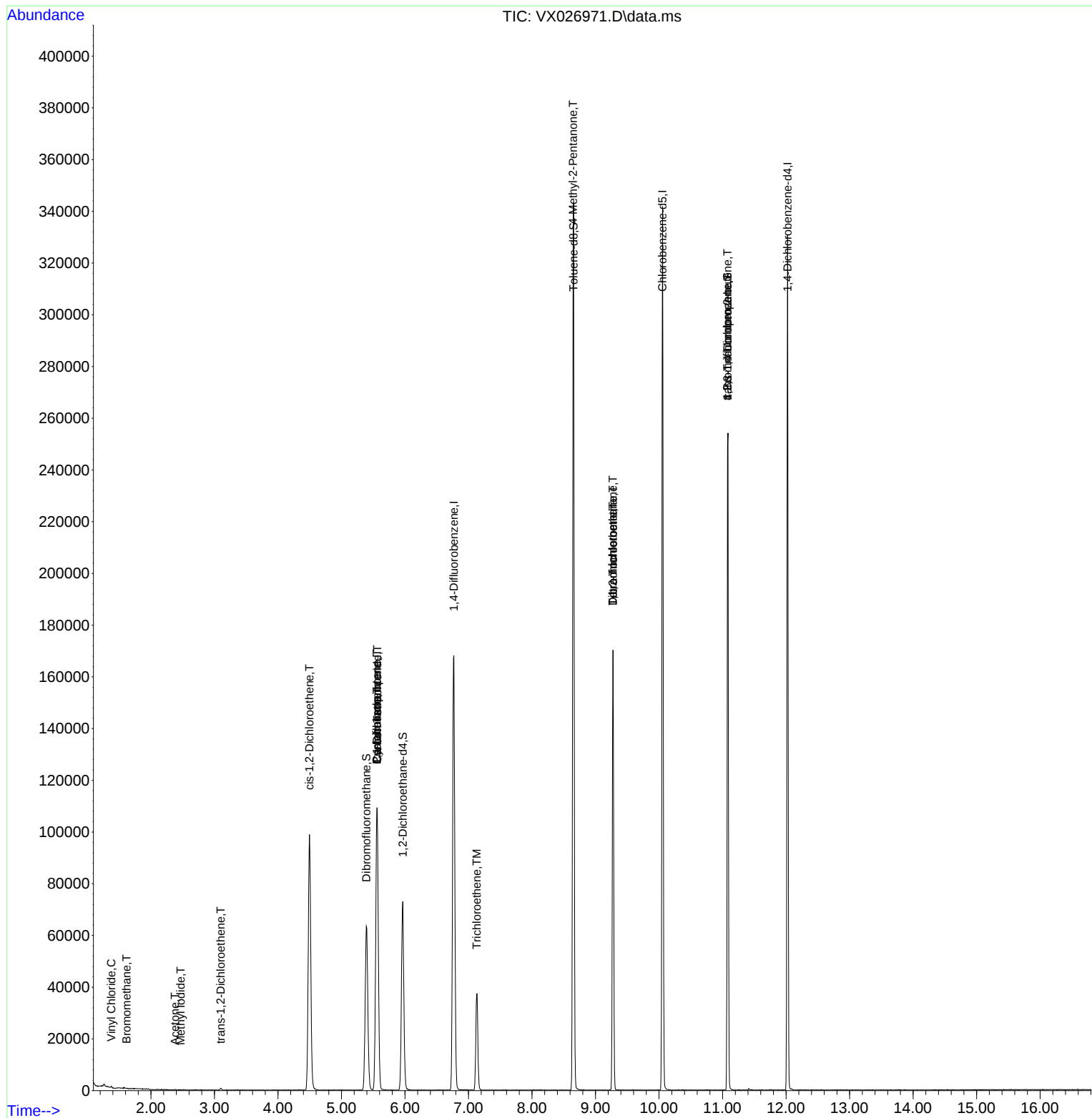
Internal Standards						
1) Pentafluorobenzene	5.556	168	103850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	175630	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	68543	54.983	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.960%	
35) Dibromofluoromethane	5.391	113	56040	53.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.120%	
50) Toluene-d8	8.653	98	201201	52.383	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.760%	
62) 4-Bromofluorobenzene	11.079	95	71385	52.789	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.580%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	444	0.404	ug/l	90
5) Bromomethane	1.618	94	98	0.210	ug/l #	52
10) Methyl Iodide	2.465	142	49	2.286	ug/l #	37
16) Acetone	2.380	43	191	0.349	ug/l #	46
21) trans-1,2-Dichloroethene	3.099	96	273	0.244	ug/l #	66
27) cis-1,2-Dichloroethene	4.495	96	63243	49.251	ug/l	88
31) Cyclohexane	5.556	56	2040	1.030	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8128	4.924	ug/l #	51
38) Carbon Tetrachloride	5.562	117	10555	6.098	ug/l #	17
44) Trichloroethene	7.129	130	15387	10.652	ug/l	84
51) 4-Methyl-2-Pentanone	8.647	43	807	0.461	ug/l #	1
55) 1,1,2-Trichloroethane	9.275	97	300	0.260	ug/l #	1
60) Dibromochloromethane	9.275	129	30587	25.779	ug/l #	11
64) Tetrachloroethene	9.275	164	31926	20.709	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	35735	24.784	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	35735	75.627	ug/l #	3

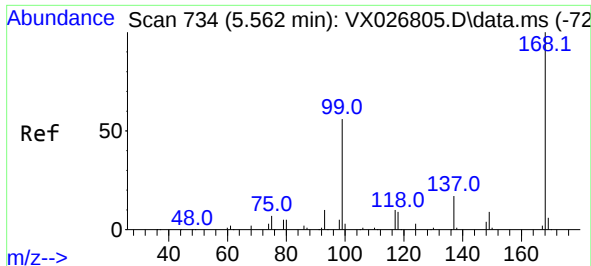
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

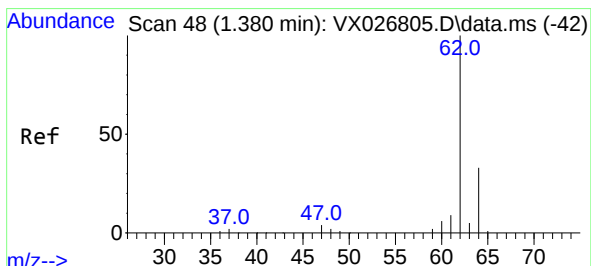
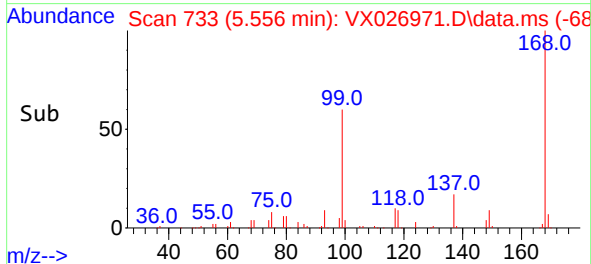
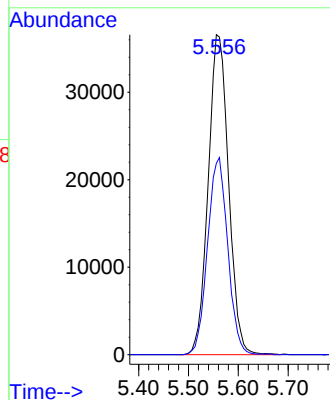
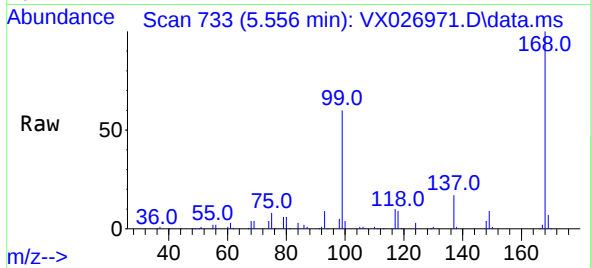




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

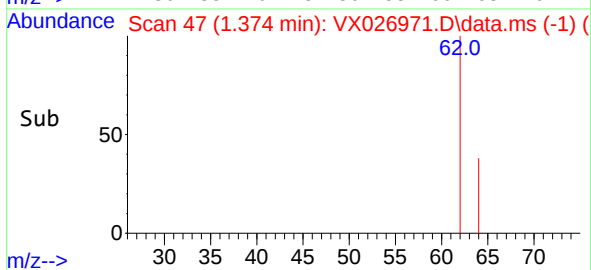
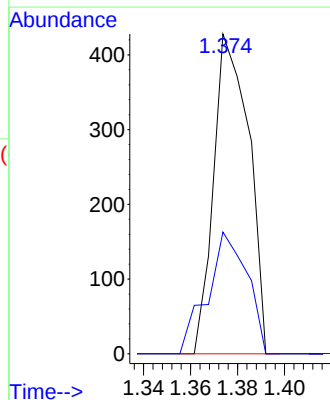
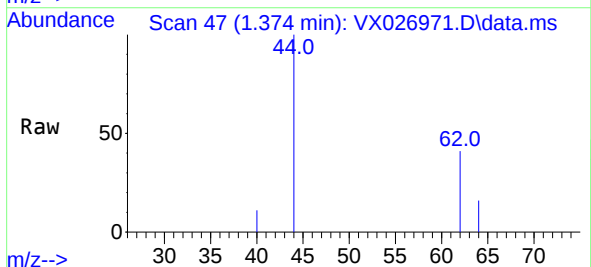
Instrument :
MSVOA_X
ClientSampleId :
MW-1DL

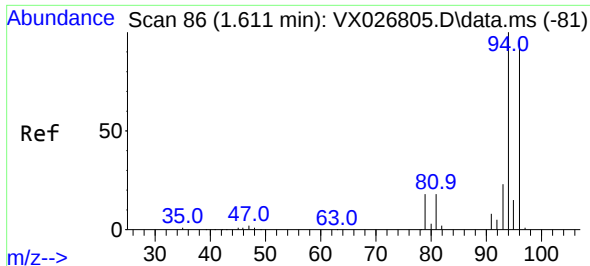
Tgt Ion:168 Resp: 103850
Ion Ratio Lower Upper
168 100
99 59.8 50.3 75.5



#4
Vinyl Chloride
Concen: 0.404 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

Tgt Ion: 62 Resp: 444
Ion Ratio Lower Upper
62 100
64 38.1 26.2 39.2

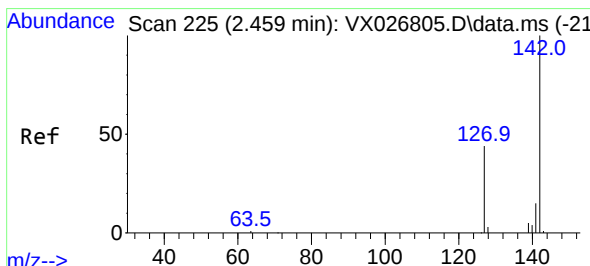
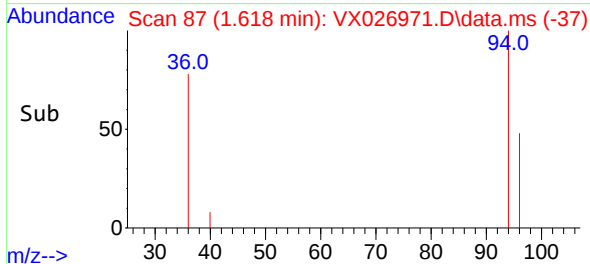
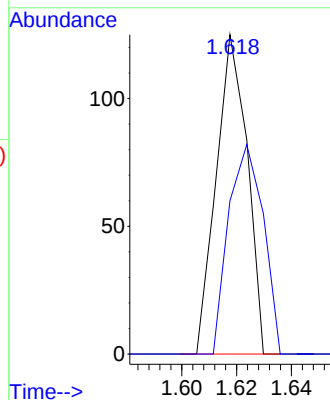
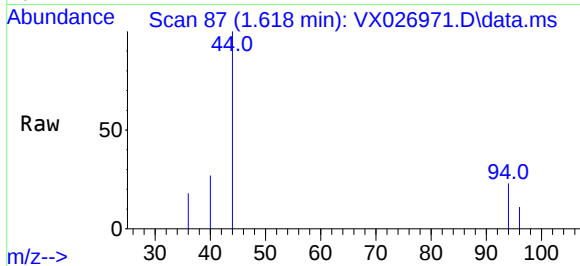




#5
Bromomethane
Concen: 0.210 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

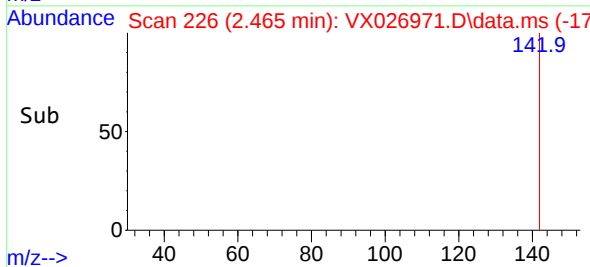
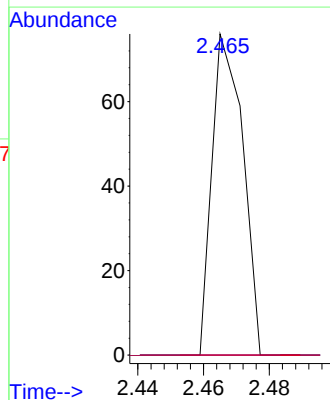
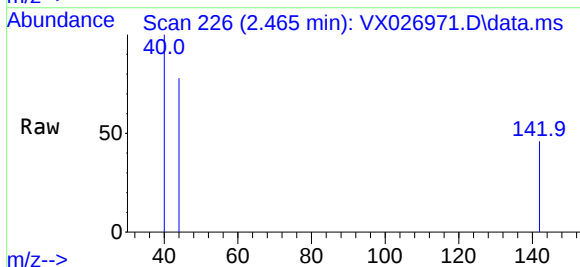
Instrument :
MSVOA_X
ClientSampleId :
MW-1DL

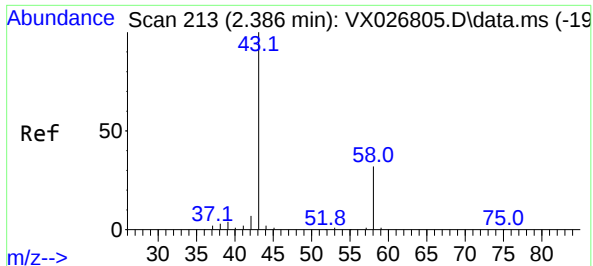
Tgt Ion: 94 Resp: 98
Ion Ratio Lower Upper
94 100
96 48.0 75.9 113.9#



#10
Methyl Iodide
Concen: 2.286 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

Tgt Ion: 142 Resp: 49
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

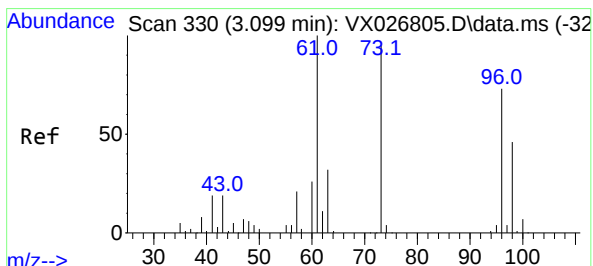
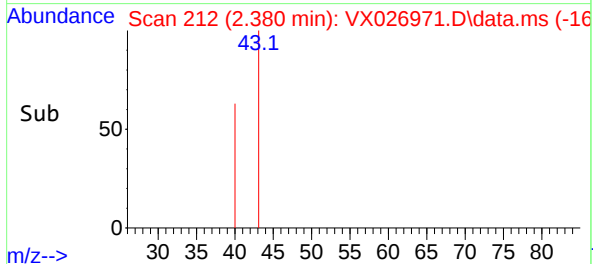
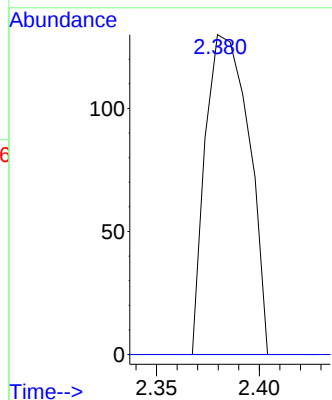
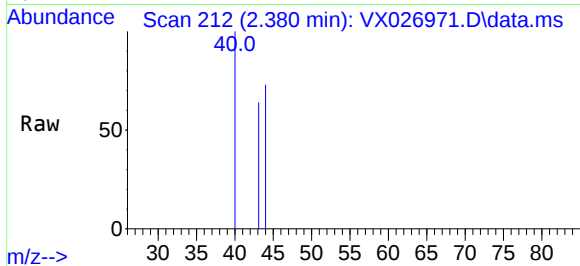




#16
Acetone
Concen: 0.349 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

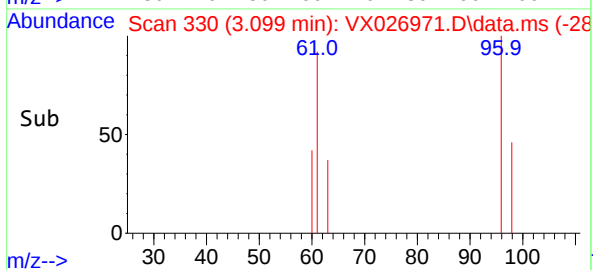
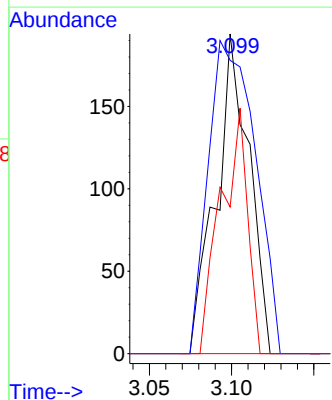
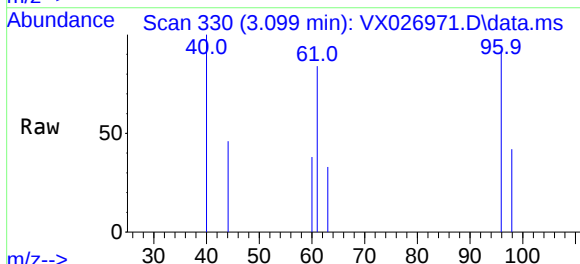
Instrument :
MSVOA_X
ClientSampleId :
MW-1DL

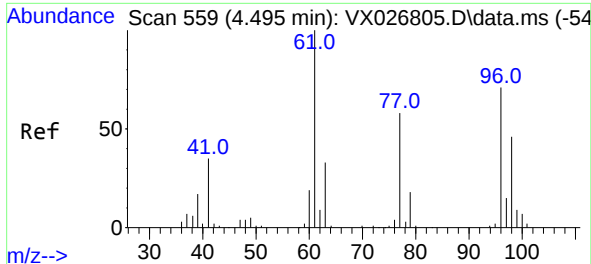
Tgt Ion: 43 Resp: 191
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#



#21
trans-1,2-Dichloroethene
Concen: 0.244 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

Tgt Ion: 96 Resp: 273
Ion Ratio Lower Upper
96 100
61 91.8 112.9 169.3#
98 45.9 49.5 74.3#





#27

cis-1,2-Dichloroethene

Concen: 49.251 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX026971.D

Acq: 11 Feb 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

MW-1DL

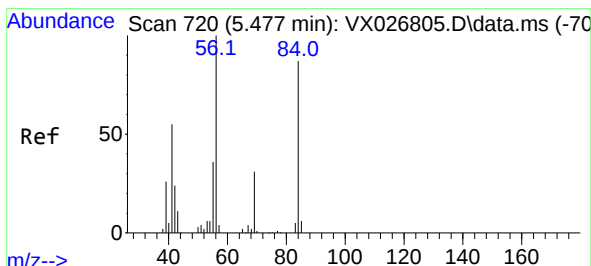
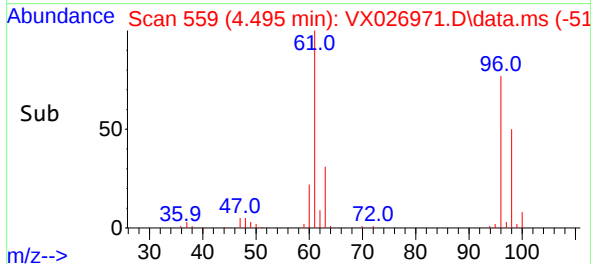
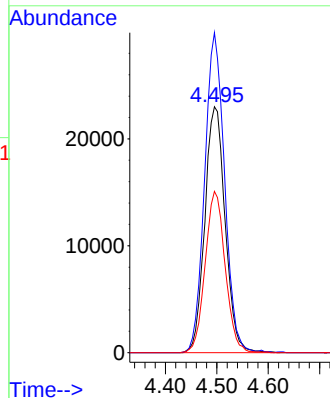
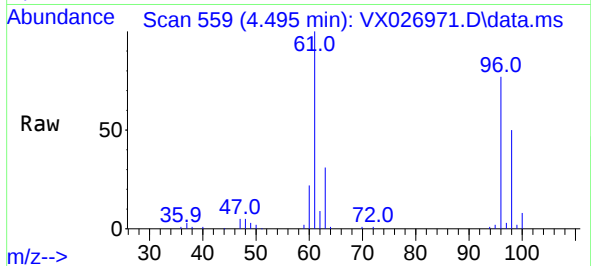
Tgt Ion: 96 Resp: 63243

Ion Ratio Lower Upper

96 100

61 126.9 0.0 296.6

98 64.8 0.0 128.8



#31

Cyclohexane

Concen: 1.030 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026971.D

Acq: 11 Feb 2022 16:51

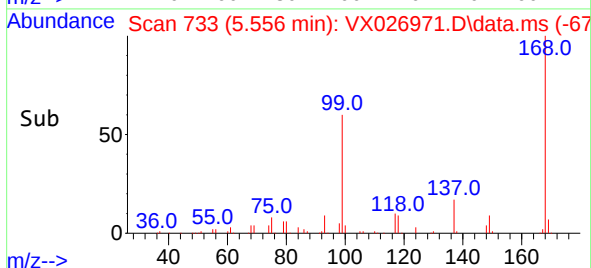
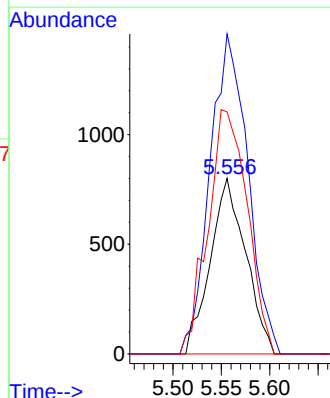
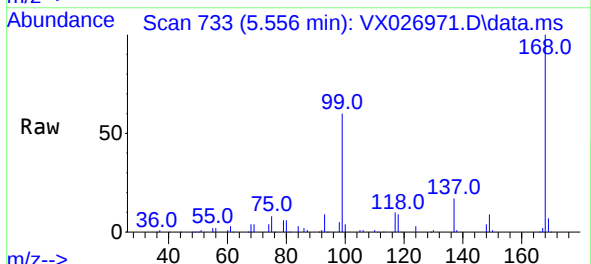
Tgt Ion: 56 Resp: 2040

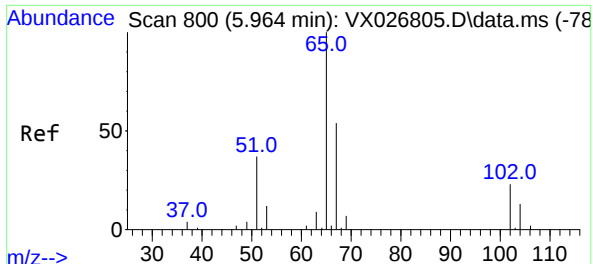
Ion Ratio Lower Upper

56 100

69 182.4 25.8 38.6#

84 138.0 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.983 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026971.D

Acq: 11 Feb 2022 16:51

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MSVOA_X

ClientSampleId :

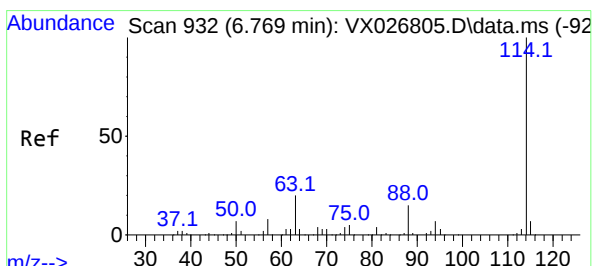
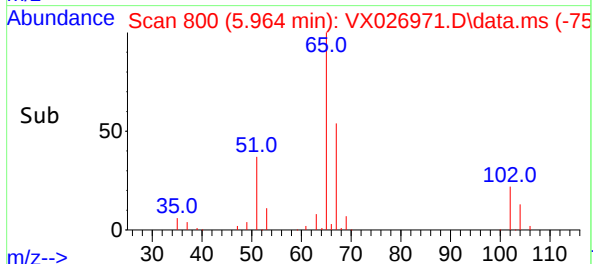
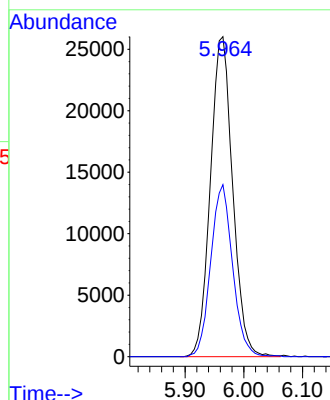
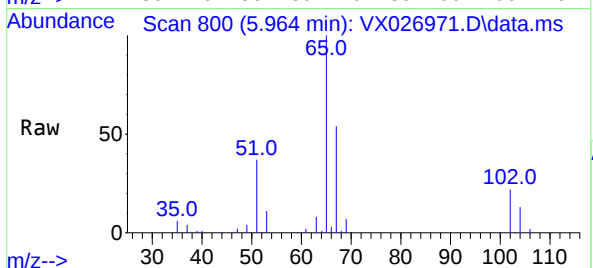
MW-1DL

Tgt Ion: 65 Resp: 68543

Ion Ratio Lower Upper

65 100

67 52.7 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: VX026971.D

Acq: 11 Feb 2022 16:51

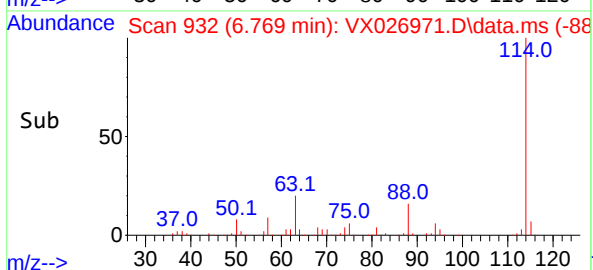
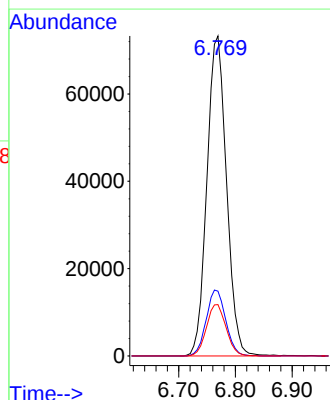
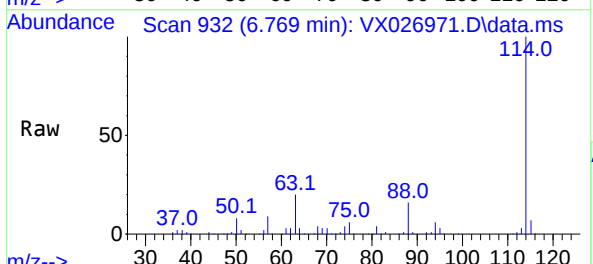
Tgt Ion: 114 Resp: 175630

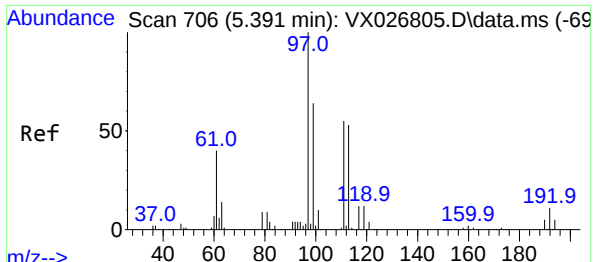
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

88 16.1 0.0 33.0

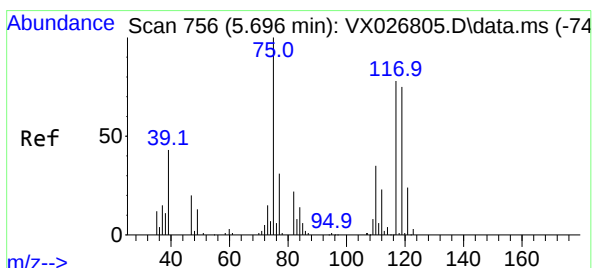
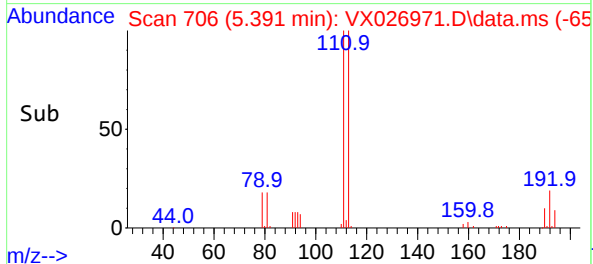
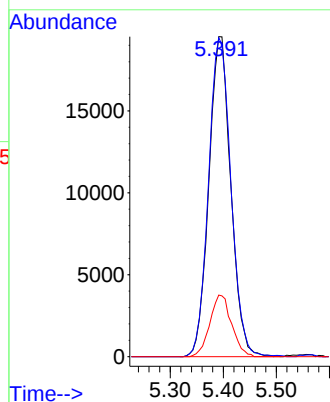
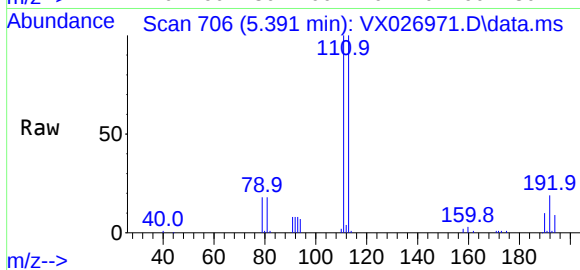




#35
Dibromofluoromethane
Concen: 53.557 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

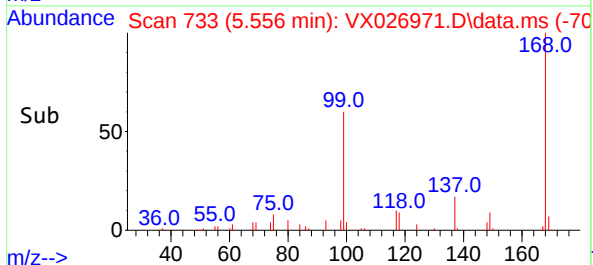
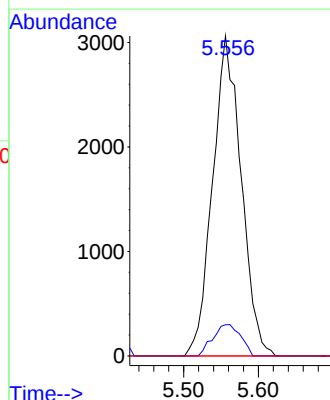
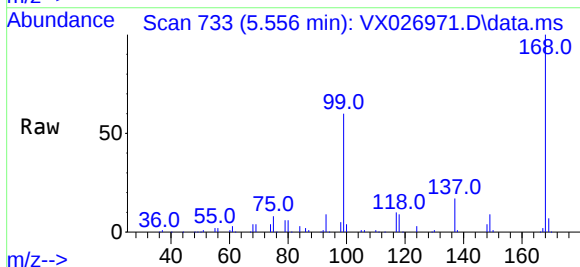
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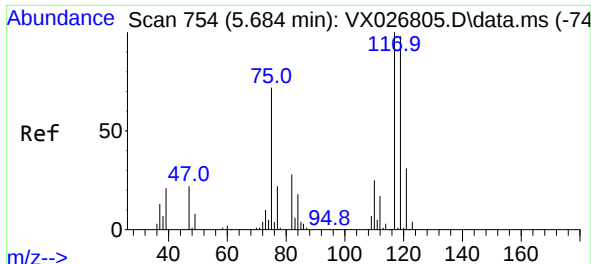
Tgt Ion:	113	Resp:	56040
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	19.1	15.0	22.4



#36
1,1-Dichloropropene
Concen: 4.924 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

Tgt Ion:	75	Resp:	8128
Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.2	51.6#
77	0.0	24.6	36.8#

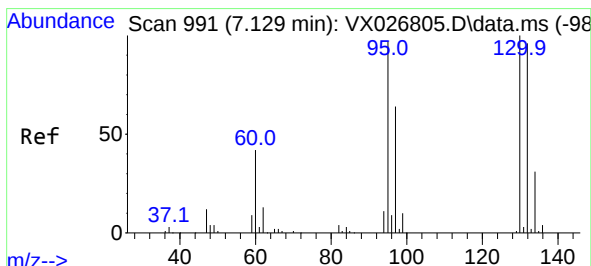
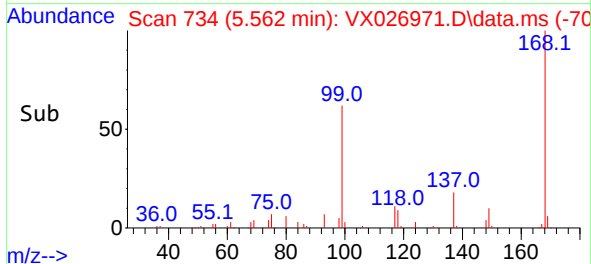
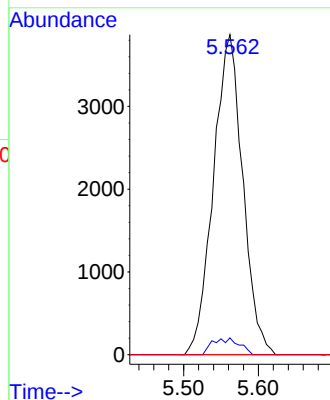
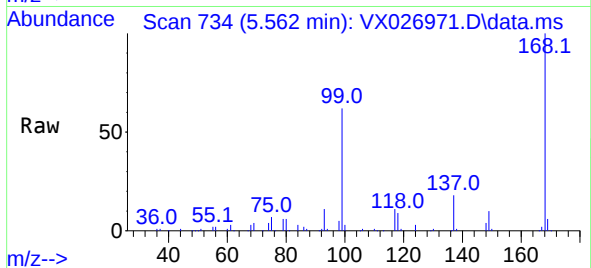




#38
Carbon Tetrachloride
Concen: 6.098 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

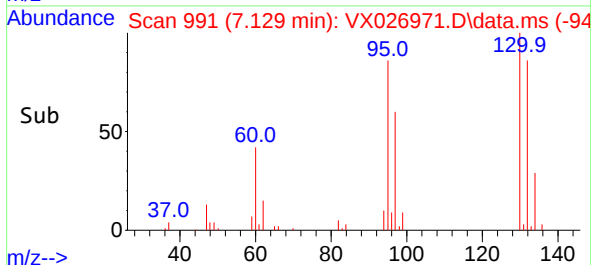
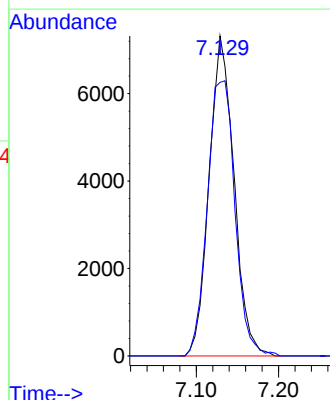
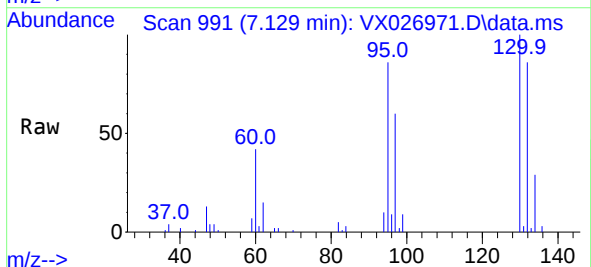
Instrument :
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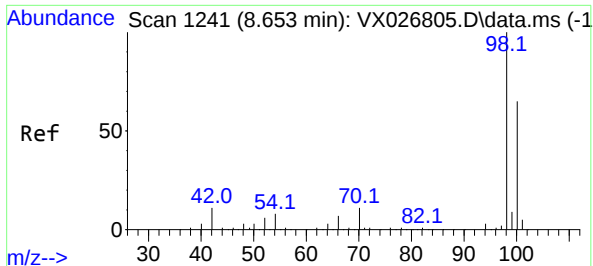
Tgt Ion:117 Resp: 10555
Ion Ratio Lower Upper
117 100
119 5.2 74.7 112.1#
121 0.0 25.4 38.0#



#44
Trichloroethene
Concen: 10.652 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

Tgt Ion:130 Resp: 15387
Ion Ratio Lower Upper
130 100
95 85.5 0.0 202.6





#50

Toluene-d8

Concen: 52.383 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026971.D

Acq: 11 Feb 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

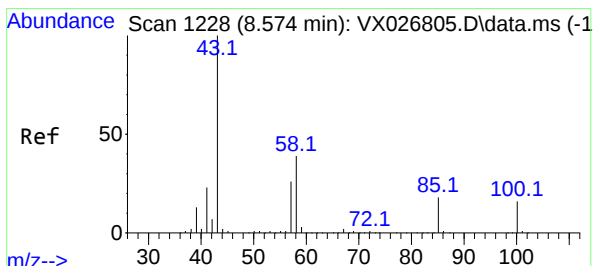
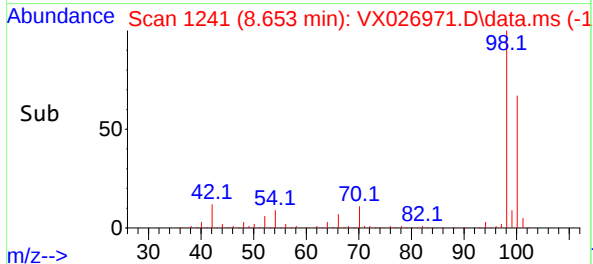
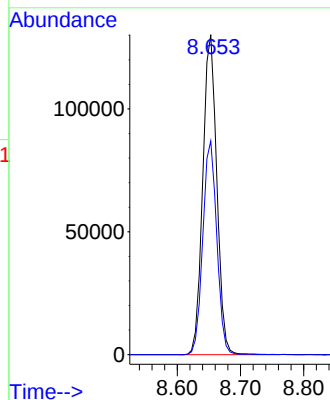
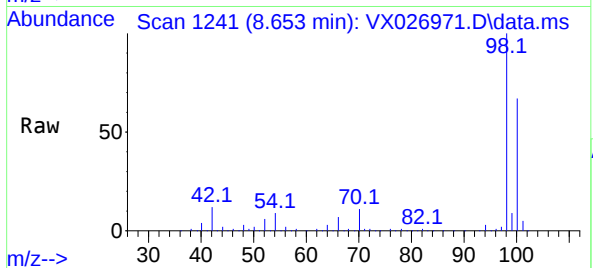
MW-1DL

Tgt Ion: 98 Resp: 201201

Ion Ratio Lower Upper

98 100

100 66.6 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 0.461 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX026971.D

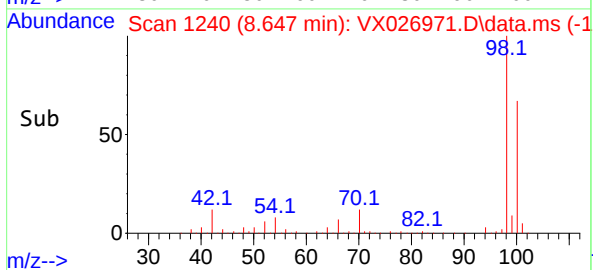
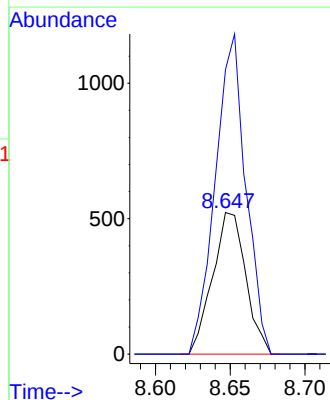
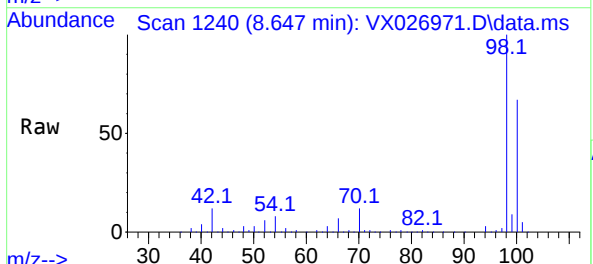
Acq: 11 Feb 2022 16:51

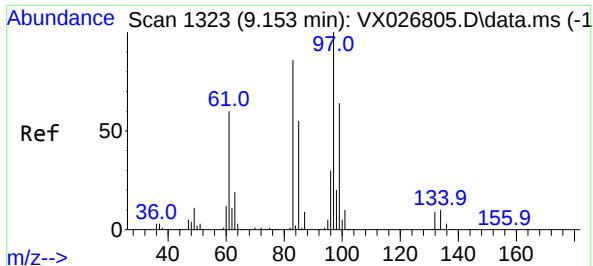
Tgt Ion: 43 Resp: 807

Ion Ratio Lower Upper

43 100

58 208.3 30.5 45.7#



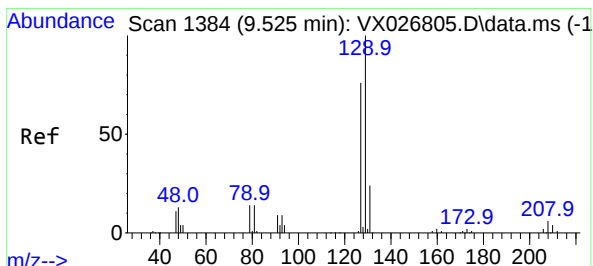
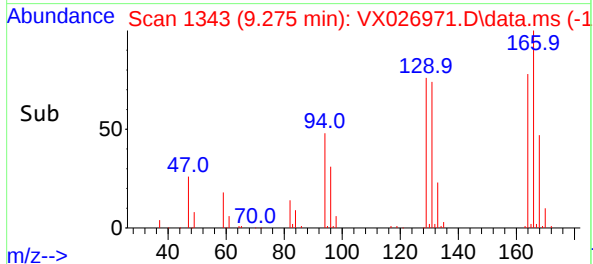
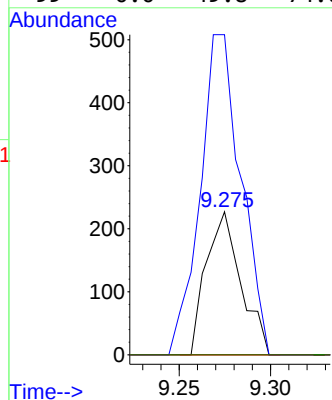
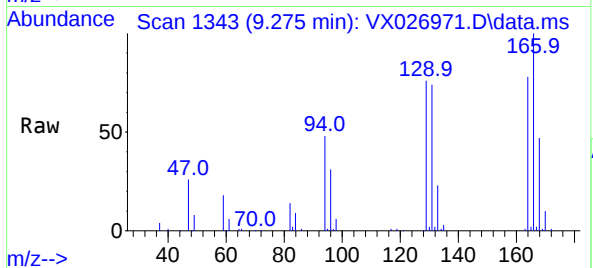


#55
1,1,2-Trichloroethane
Concen: 0.260 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.122 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

Instrument :
MSVOA_X
ClientSampleId :
MW-1DL

Tgt Ion: 97 Resp: 300

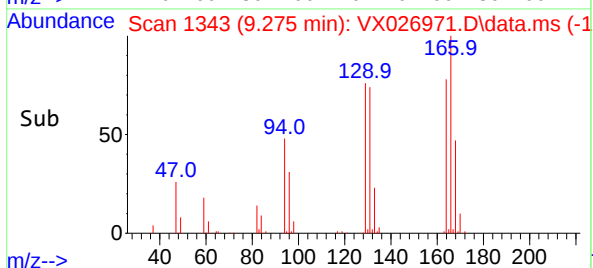
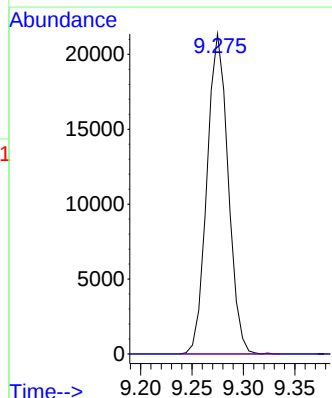
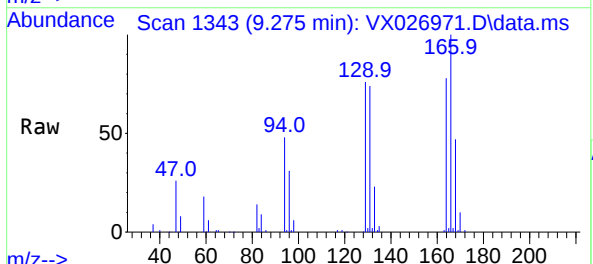
Ion	Ratio	Lower	Upper
97	100		
83	223.8	68.4	102.6#
85	0.0	44.0	66.0#
99	0.0	49.8	74.6#

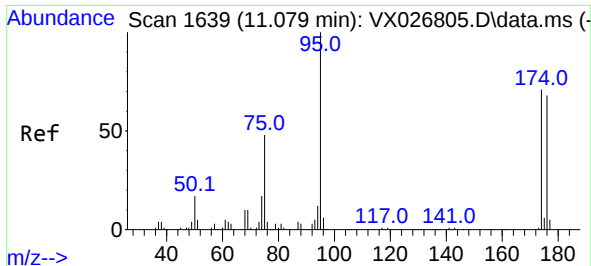


#60
Dibromochloromethane
Concen: 25.779 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

Tgt Ion: 129 Resp: 30587

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.5#

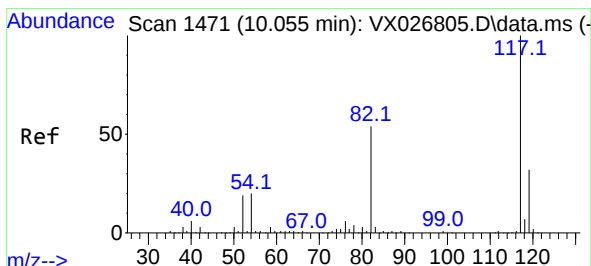
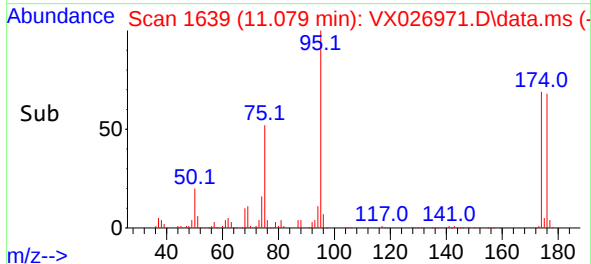
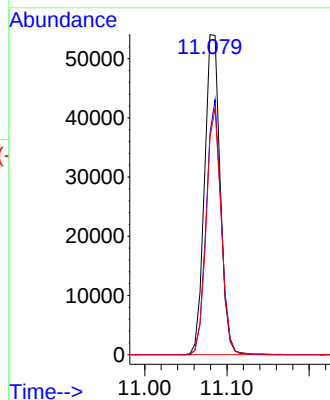
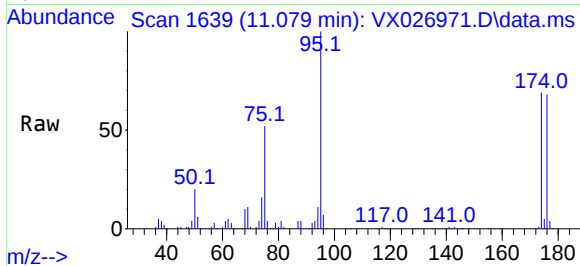




#62
4-Bromofluorobenzene
Concen: 52.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

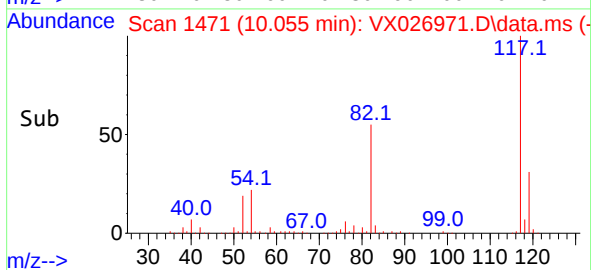
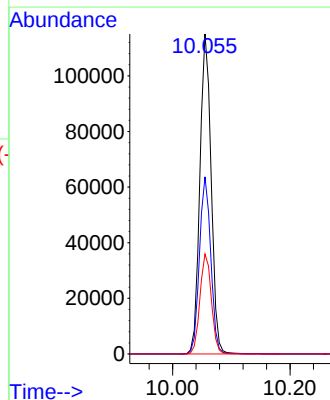
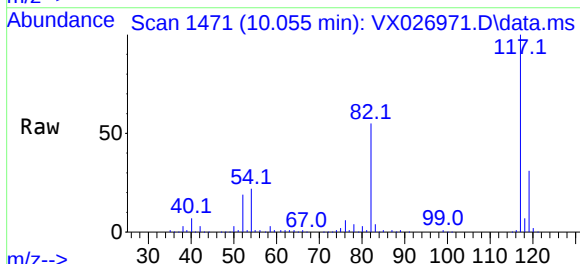
Instrument :
MSVOA_X
ClientSampleId :
MW-1DL

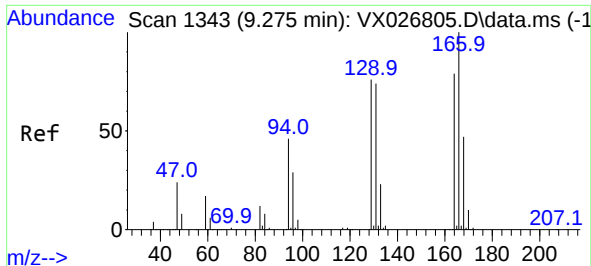
Tgt Ion: 95 Resp: 71385
Ion Ratio Lower Upper
95 100
174 75.7 0.0 148.6
176 73.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

Tgt Ion: 117 Resp: 153496
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 31.2 26.2 39.2

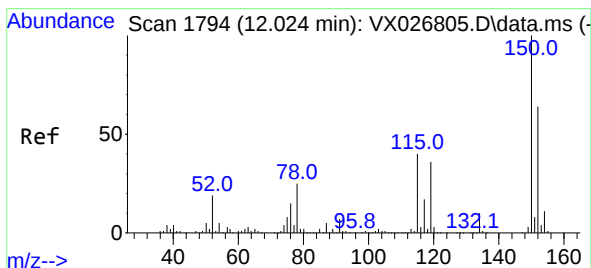
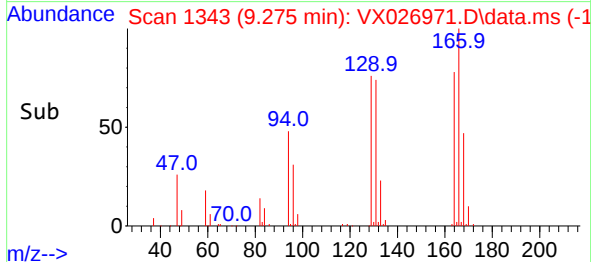
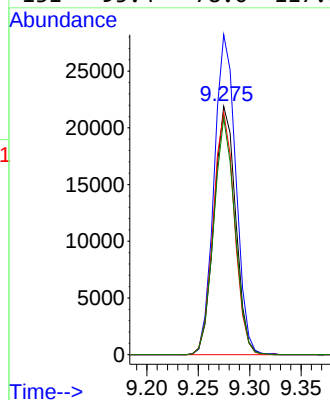
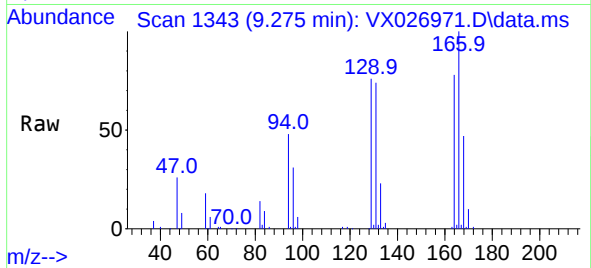




#64
Tetrachloroethene
Concen: 20.709 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

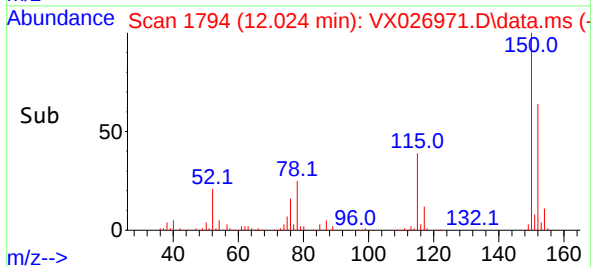
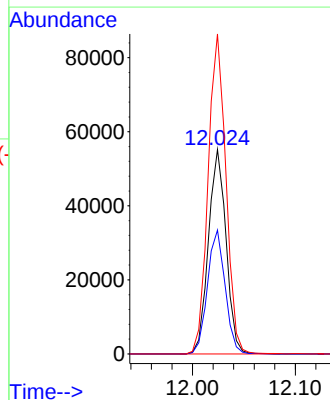
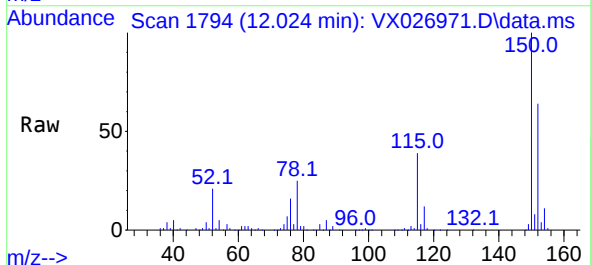
Instrument :
MSVOA_X
ClientSampleId :
MW-1DL

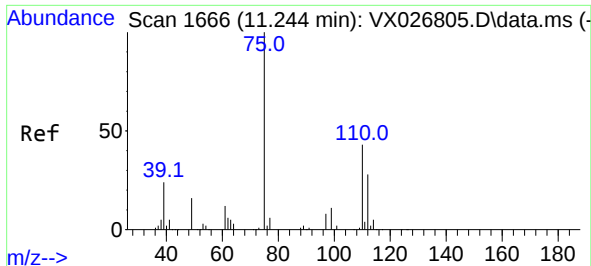
Tgt Ion:164 Resp: 31926
Ion Ratio Lower Upper
164 100
166 128.9 101.8 152.6
129 97.6 83.3 124.9
131 95.4 78.0 117.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

Tgt Ion:152 Resp: 65866
Ion Ratio Lower Upper
152 100
115 60.8 44.2 132.6
150 158.0 0.0 348.2

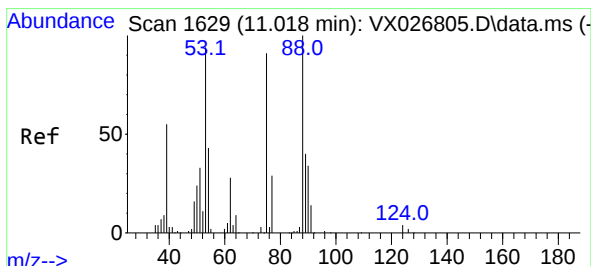
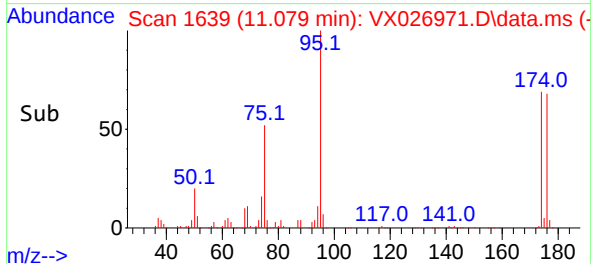
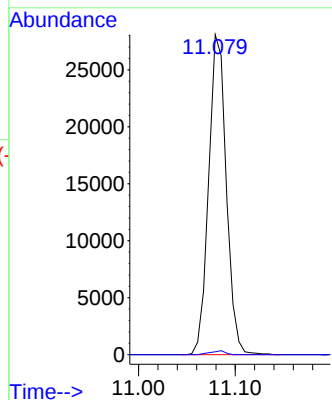
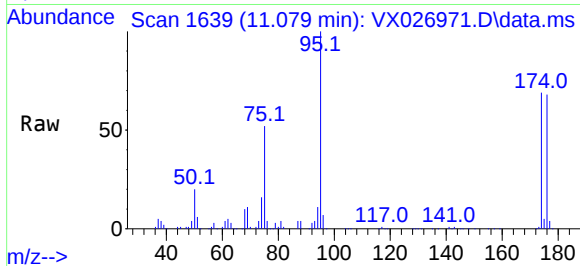




#76
1,2,3-Trichloropropane
Concen: 24.784 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

Instrument :
MSVOA_X
ClientSampleId :
MW-1DL

Tgt Ion: 75 Resp: 35735
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.627 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026971.D
Acq: 11 Feb 2022 16:51

Tgt Ion: 75 Resp: 35735
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

