

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026972.D
 Acq On : 11 Feb 2022 17:15
 Operator : JC/MD
 Sample : N1497-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7D

Quant Time: Feb 12 04:31:46 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)

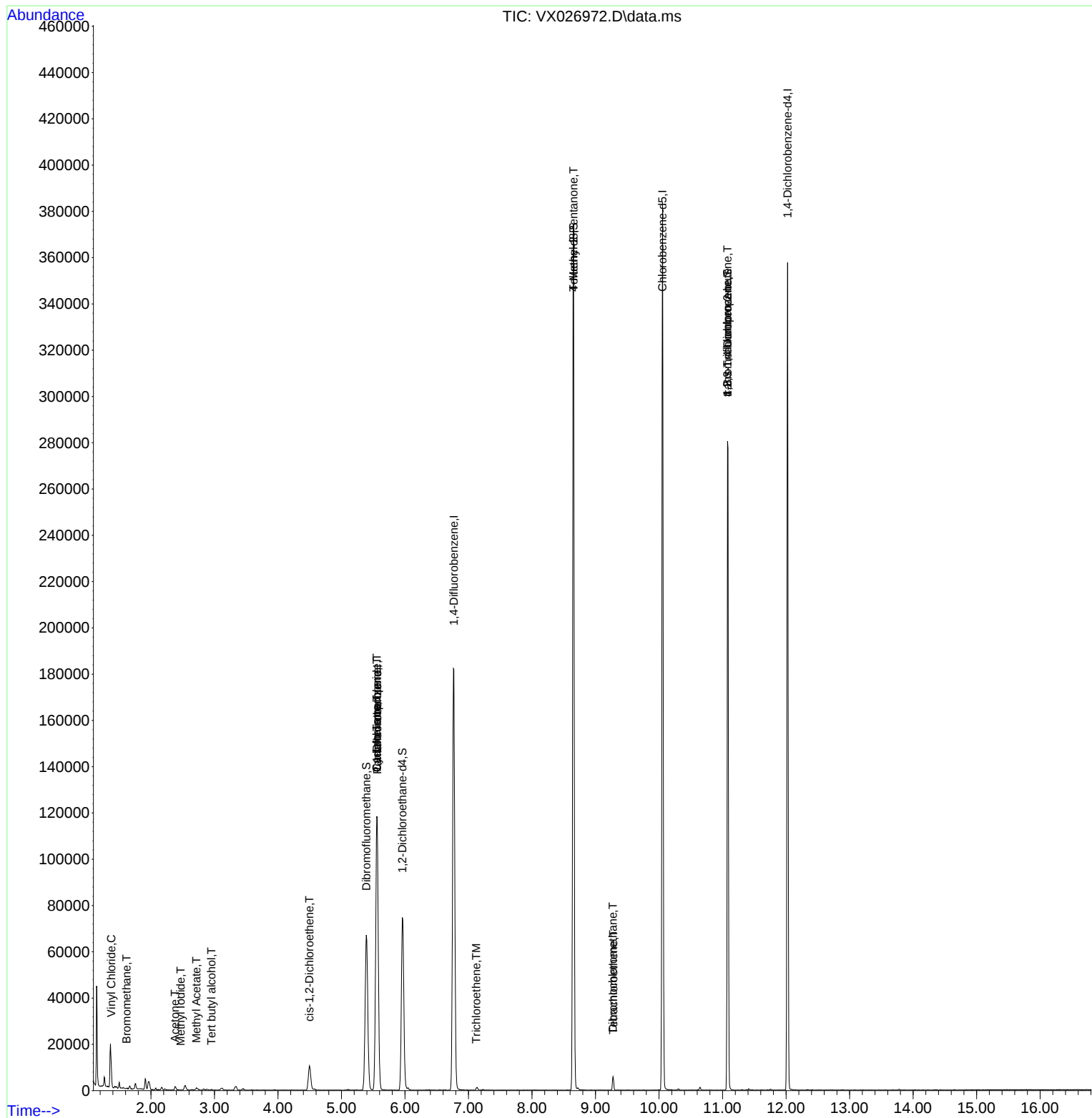
Internal Standards						
1) Pentafluorobenzene	5.562	168	112048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	189725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73177	54.406	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.820%	
35) Dibromofluoromethane	5.391	113	59562	52.694	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.380%	
50) Toluene-d8	8.653	98	218721	52.714	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.420%	
62) 4-Bromofluorobenzene	11.079	95	78433	53.692	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.380%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	526	0.443	ug/l #	61
5) Bromomethane	1.618	94	105	0.209	ug/l #	64
10) Methyl Iodide	2.465	142	41	2.279	ug/l #	37
11) Tert butyl alcohol	2.953	59	142	0.584	ug/l #	75
16) Acetone	2.380	43	1707	2.890	ug/l	94
18) Methyl Acetate	2.715	43	350	0.206	ug/l #	53
27) cis-1,2-Dichloroethene	4.495	96	6909	4.987	ug/l	87
31) Cyclohexane	5.556	56	2440	1.142	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8891	4.986	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11348	6.069	ug/l #	17
44) Trichloroethene	7.123	130	486	0.311	ug/l	78
51) 4-Methyl-2-Pentanone	8.653	43	991	0.524	ug/l #	1
60) Dibromochloromethane	9.275	129	1016	0.793	ug/l #	11
64) Tetrachloroethene	9.281	164	1165	0.684	ug/l #	84
76) 1,2,3-Trichloropropane	11.079	75	38810	24.725	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	38810	75.455	ug/l #	3

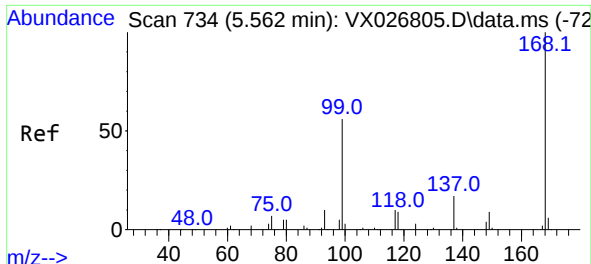
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

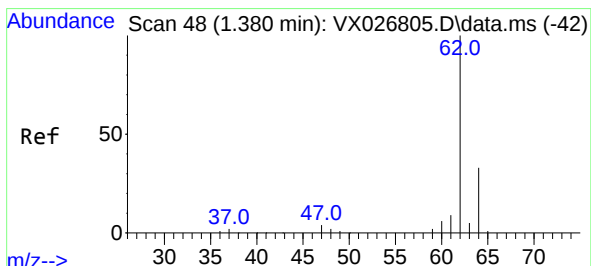
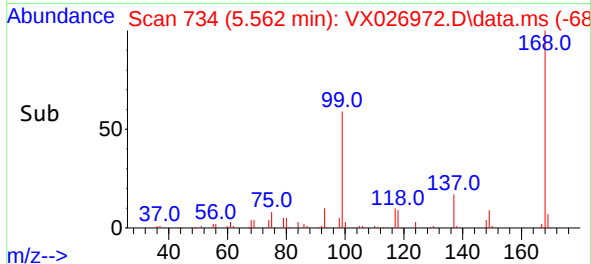
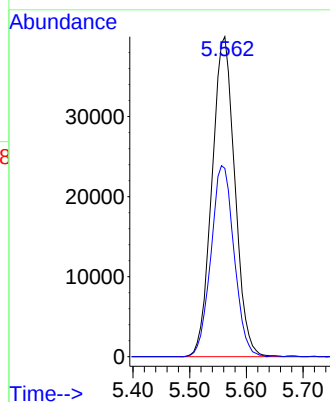
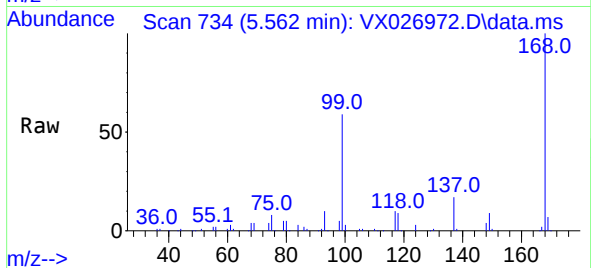




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

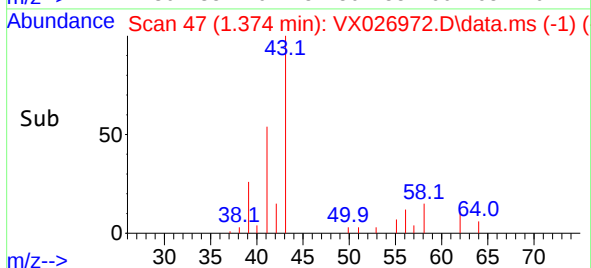
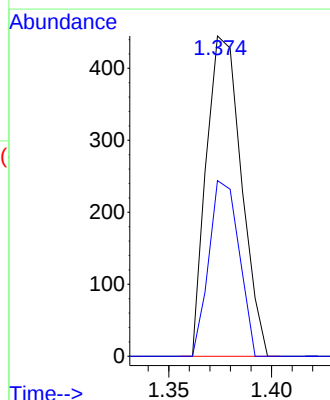
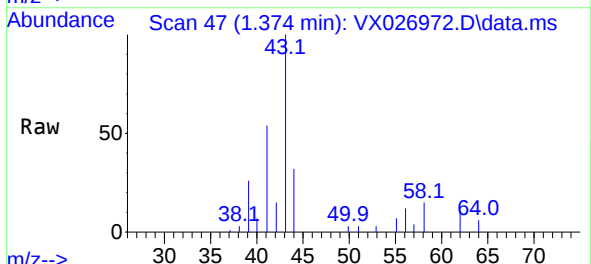
Instrument :
MSVOA_X
ClientSampleId :
MW-7D

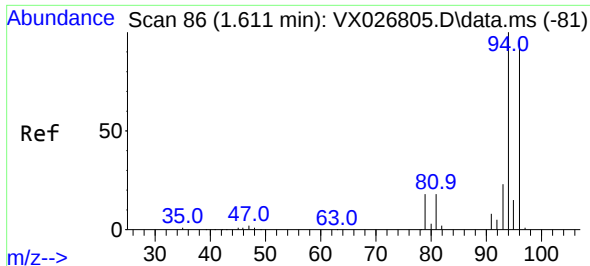
Tgt Ion:168 Resp: 112048
Ion Ratio Lower Upper
168 100
99 58.9 50.3 75.5



#4
Vinyl Chloride
Concen: 0.443 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

Tgt Ion: 62 Resp: 526
Ion Ratio Lower Upper
62 100
64 54.8 26.2 39.2#

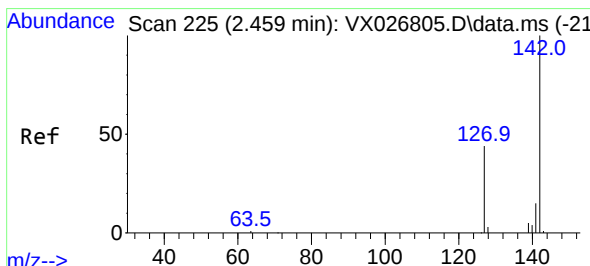
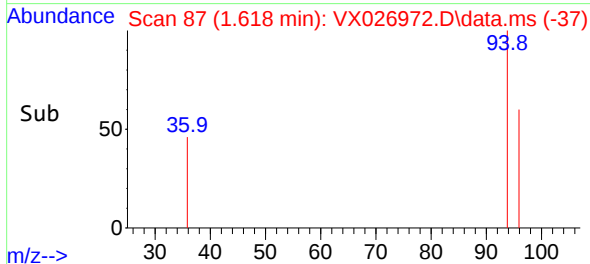
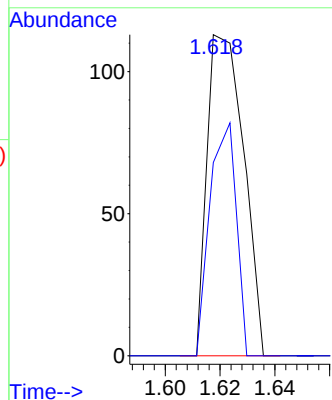
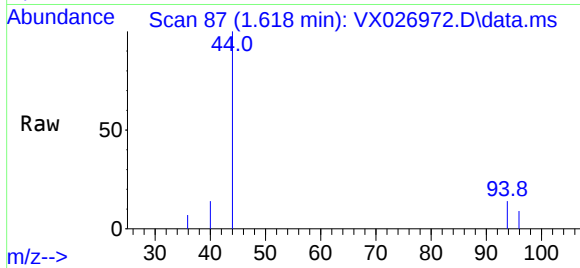




#5
Bromomethane
Concen: 0.209 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

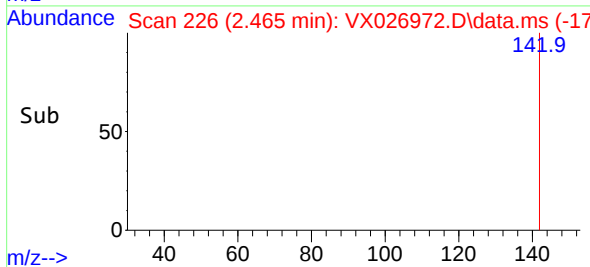
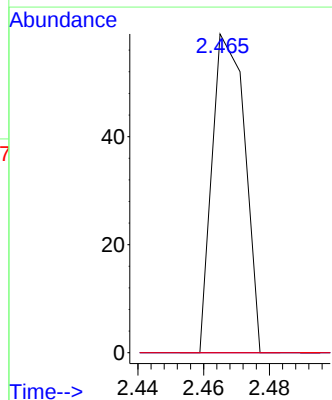
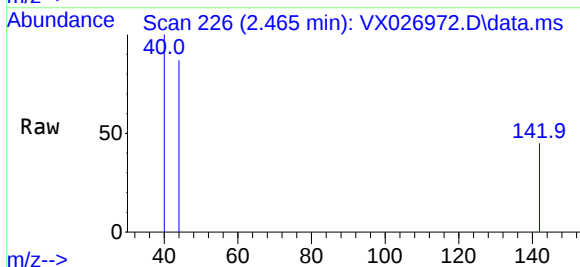
Instrument :
MSVOA_X
ClientSampleId :
MW-7D

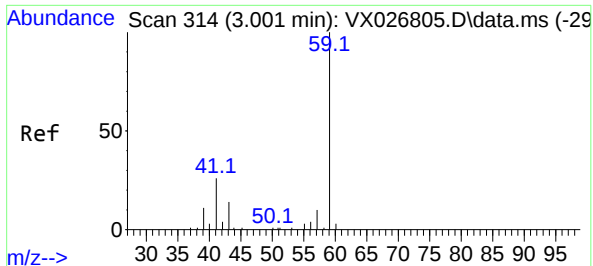
Tgt Ion: 94 Resp: 105
Ion Ratio Lower Upper
94 100
96 60.2 75.9 113.9#



#10
Methyl Iodide
Concen: 2.279 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

Tgt Ion: 142 Resp: 41
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: 0.584 ug/l

RT: 2.953 min Scan# 30

Delta R.T. -0.048 min

Lab File: VX026972.D

Acq: 11 Feb 2022 17:15

Instrument :

MSVOA_X

ClientSampleId :

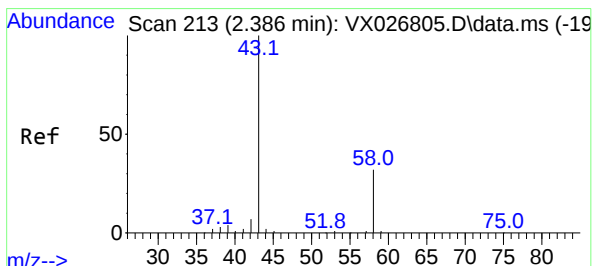
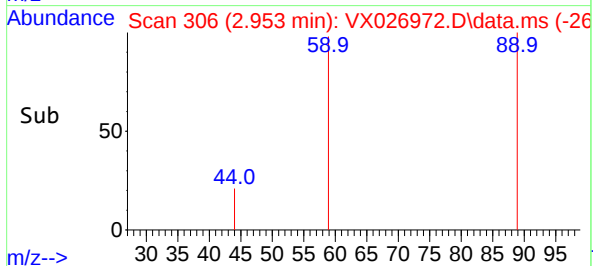
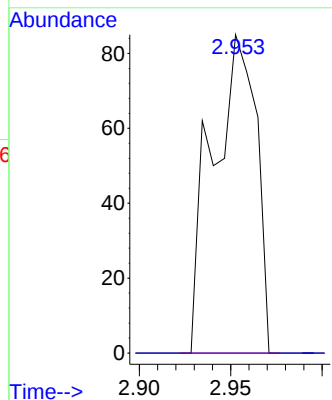
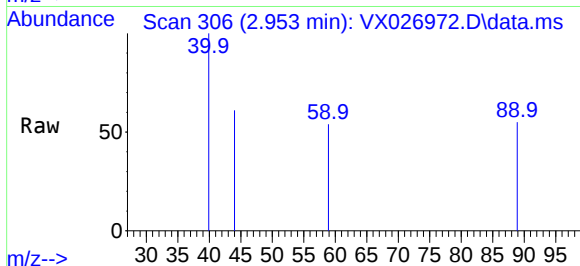
MW-7D

Tgt Ion: 59 Resp: 142

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 2.890 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX026972.D

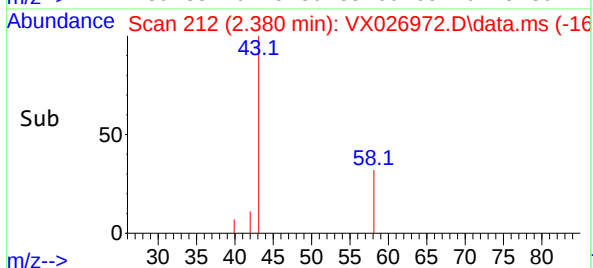
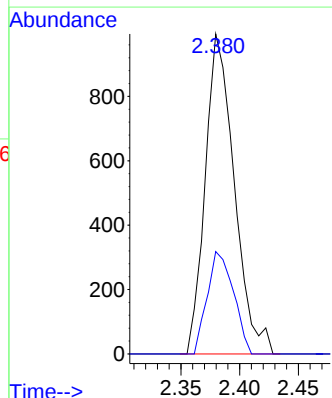
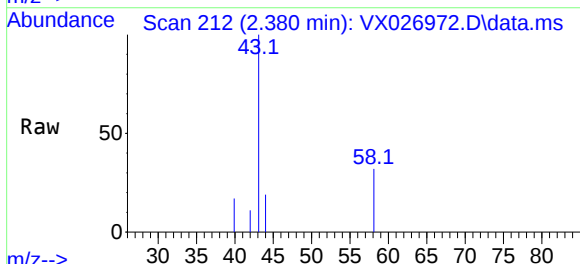
Acq: 11 Feb 2022 17:15

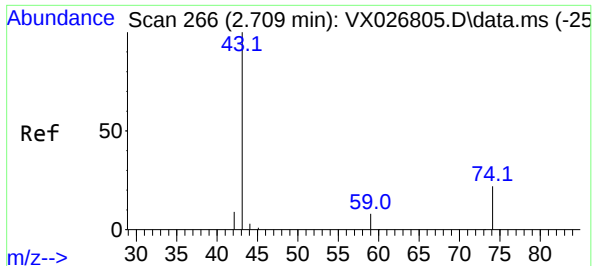
Tgt Ion: 43 Resp: 1707

Ion Ratio Lower Upper

43 100

58 32.0 23.0 34.6

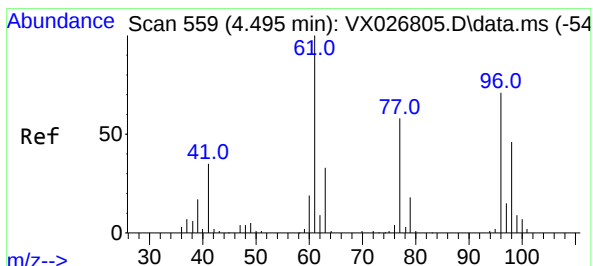
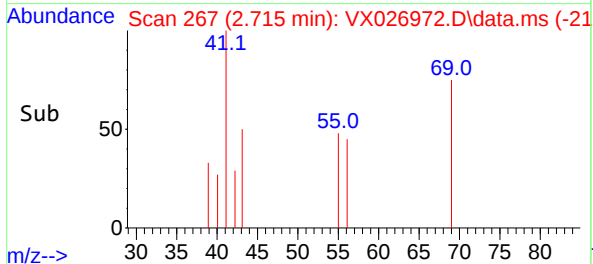
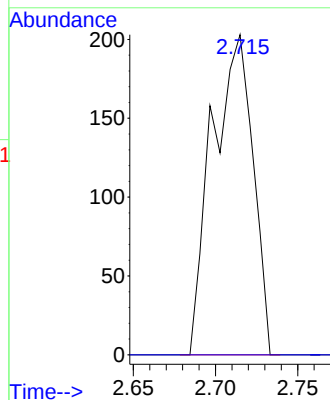
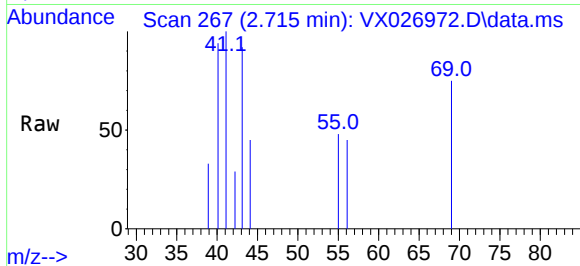




#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

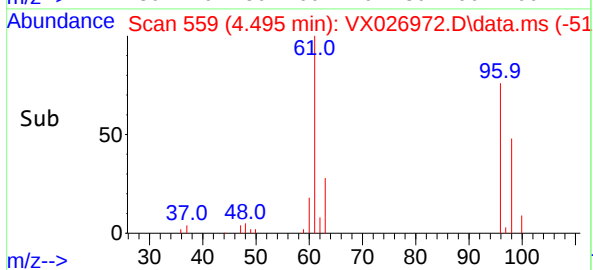
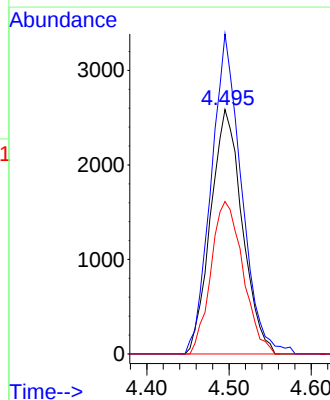
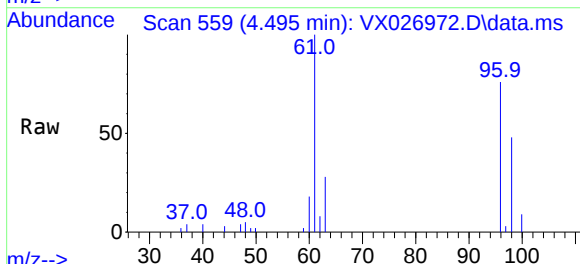
Instrument :
MSVOA_X
ClientSampleId :
MW-7D

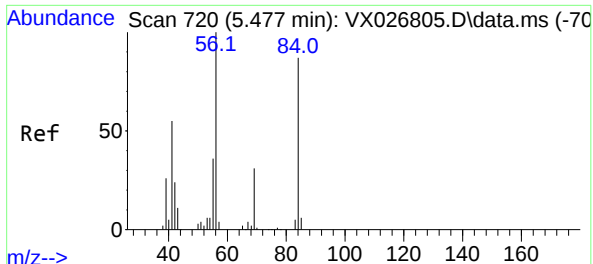
Tgt Ion: 43 Resp: 350
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#27
cis-1,2-Dichloroethene
Concen: 4.987 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

Tgt Ion: 96 Resp: 6909
Ion Ratio Lower Upper
96 100
61 125.3 0.0 296.6
98 63.2 0.0 128.8

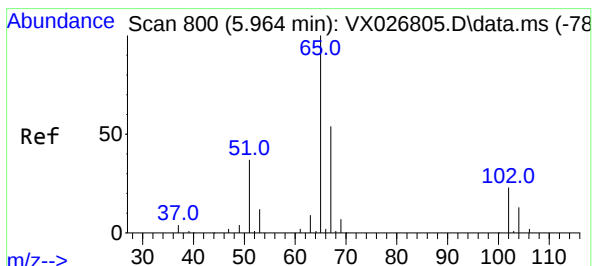
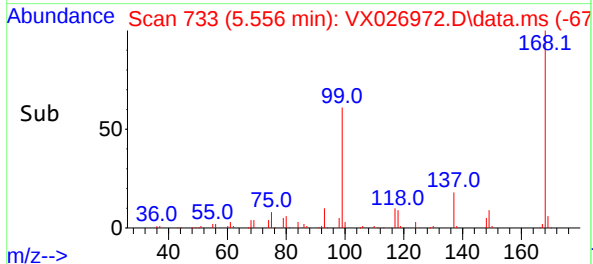
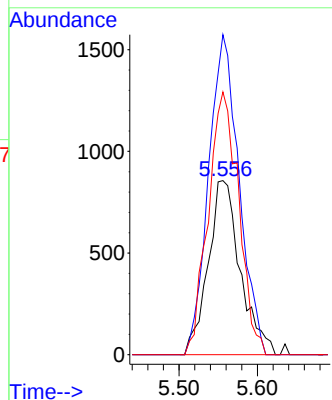
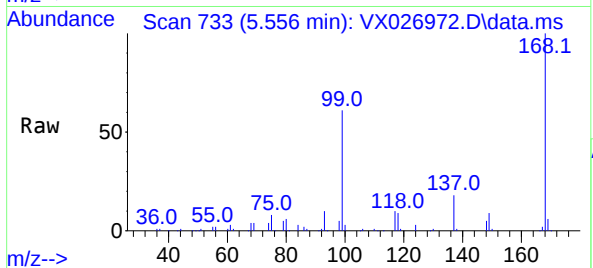




#31
Cyclohexane
Concen: 1.142 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

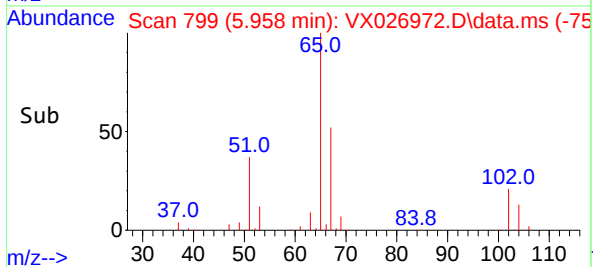
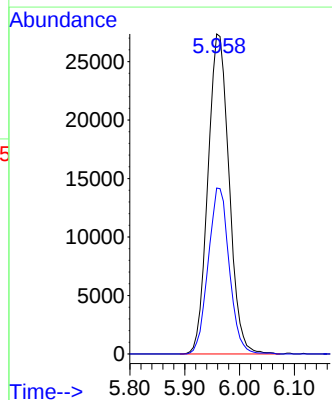
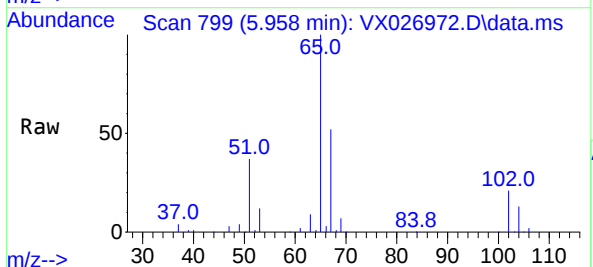
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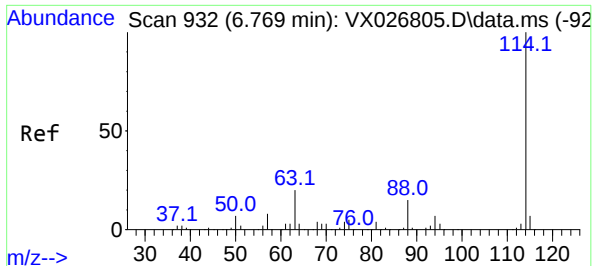
Tgt Ion: 56 Resp: 2440
Ion Ratio Lower Upper
56 100
69 183.9 25.8 38.6#
84 150.9 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 54.406 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

Tgt Ion: 65 Resp: 73177
Ion Ratio Lower Upper
65 100
67 51.7 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: VX026972.D

Acq: 11 Feb 2022 17:15

Instrument :

MSVOA_X

ClientSampleId :

MW-7D

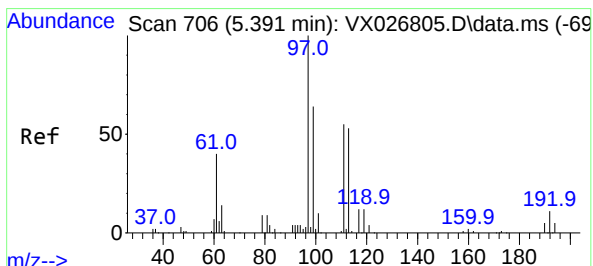
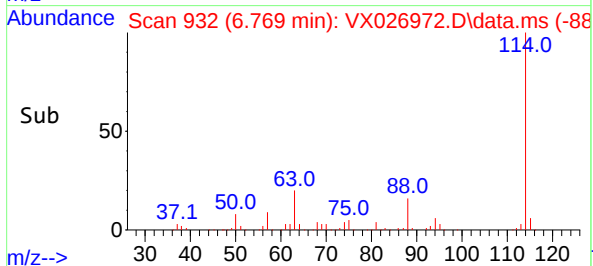
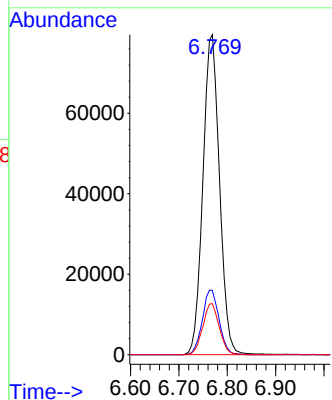
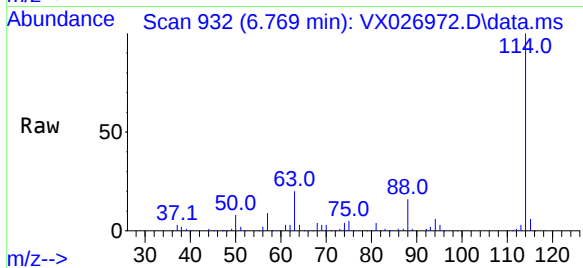
Tgt Ion:114 Resp: 189725

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

88 15.9 0.0 33.0



#35

Dibromofluoromethane

Concen: 52.694 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026972.D

Acq: 11 Feb 2022 17:15

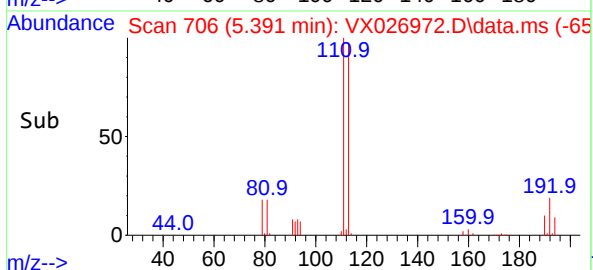
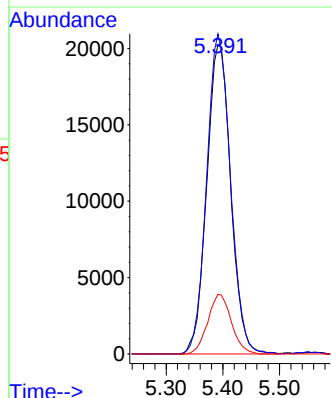
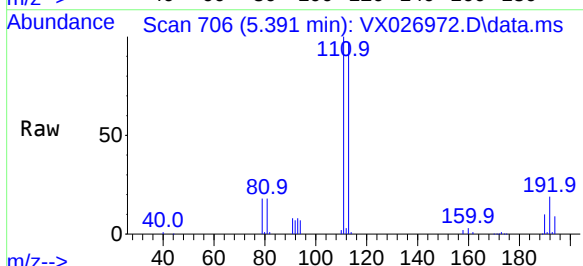
Tgt Ion:113 Resp: 59562

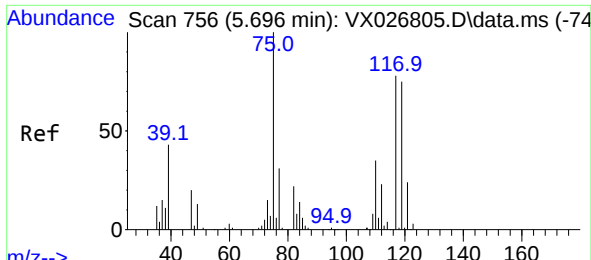
Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

192 18.9 15.0 22.4

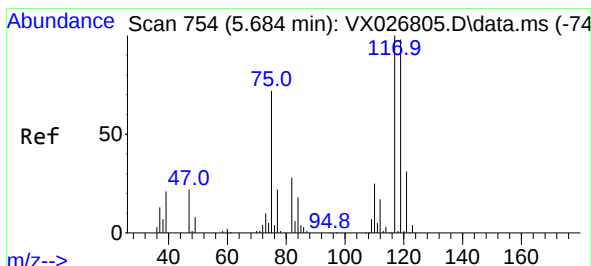
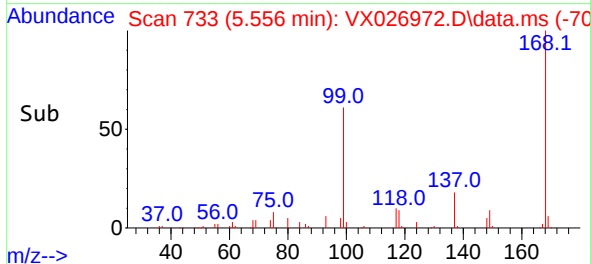
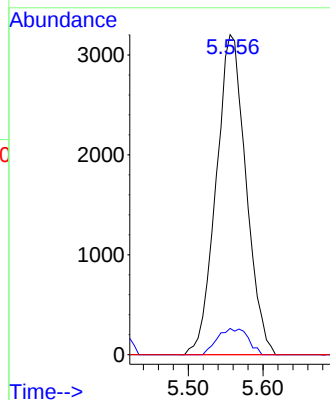
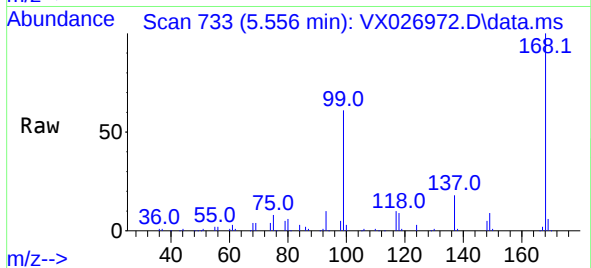




#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

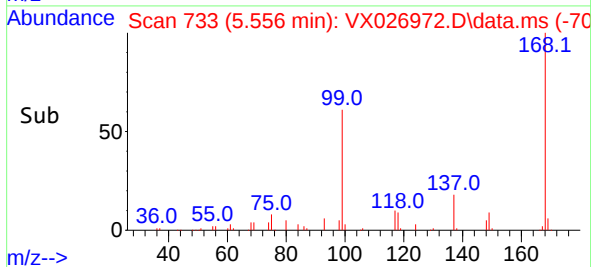
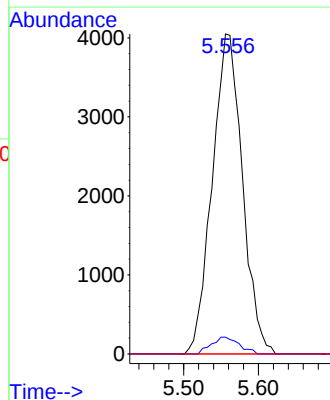
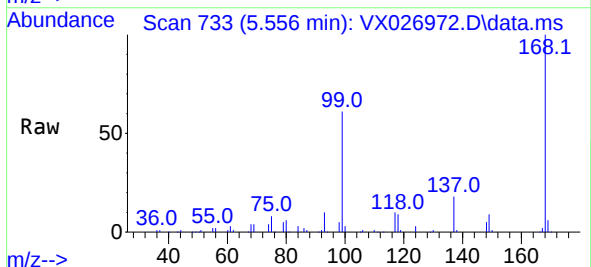
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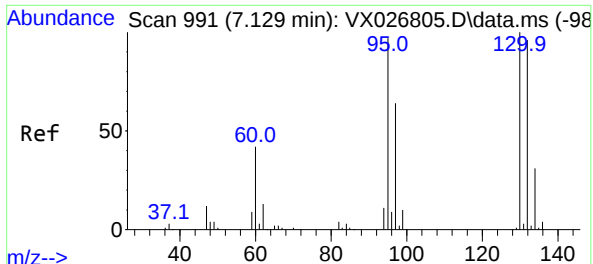
Tgt Ion: 75 Resp: 8891
Ion Ratio Lower Upper
75 100
110 8.4 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.069 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

Tgt Ion: 117 Resp: 11348
Ion Ratio Lower Upper
117 100
119 5.2 74.7 112.1#
121 0.0 25.4 38.0#

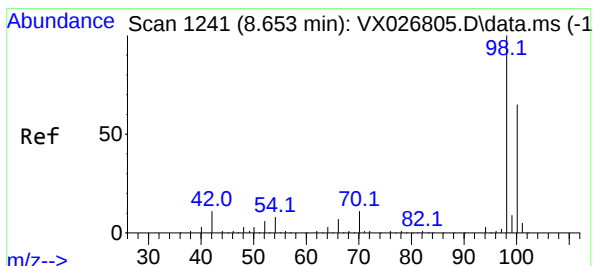
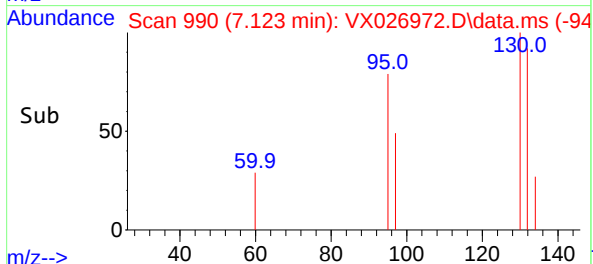
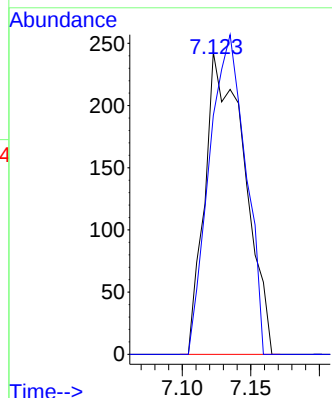
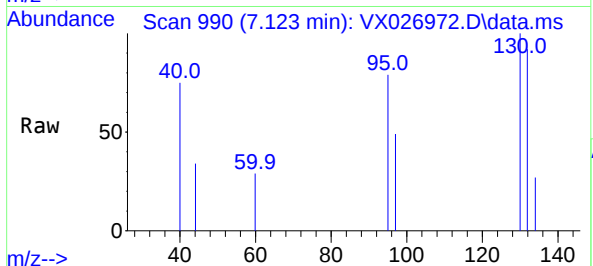




#44
Trichloroethene
Concen: 0.311 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

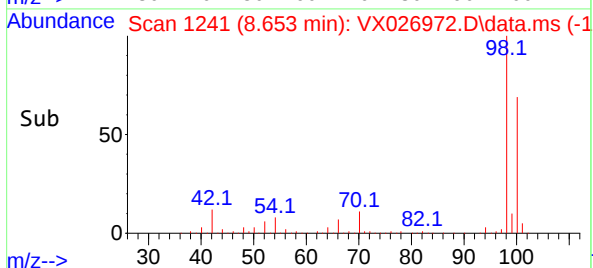
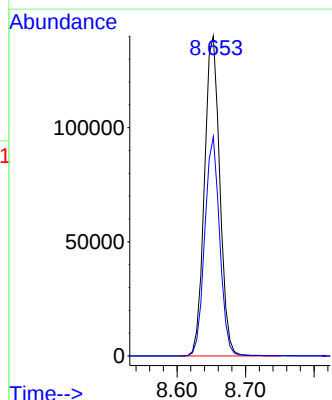
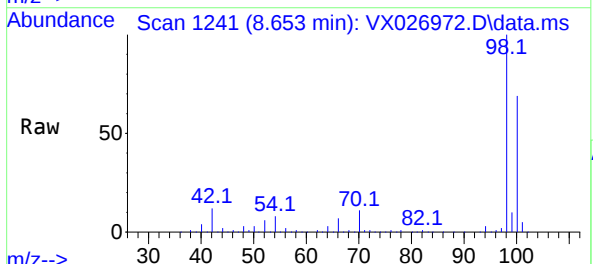
Instrument :
MSVOA_X
ClientSampleId :
MW-7D

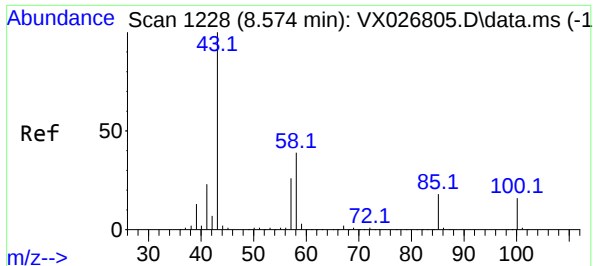
Tgt Ion:130 Resp: 486
Ion Ratio Lower Upper
130 100
95 79.0 0.0 202.6



#50
Toluene-d8
Concen: 52.714 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

Tgt Ion: 98 Resp: 218721
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.524 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX026972.D

Acq: 11 Feb 2022 17:15

Instrument :

MSVOA_X

ClientSampleId :

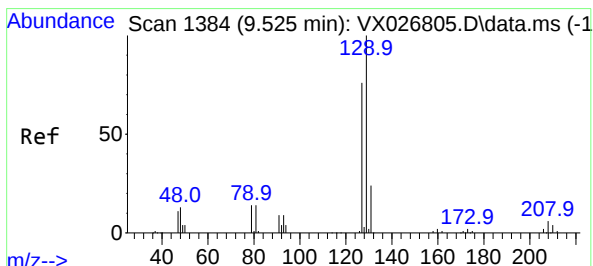
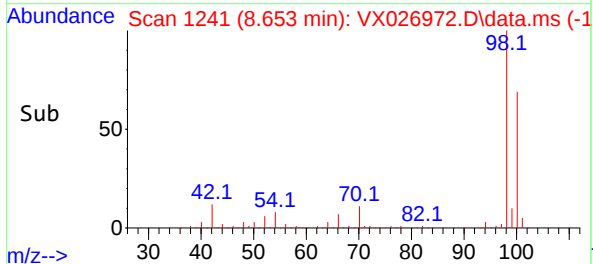
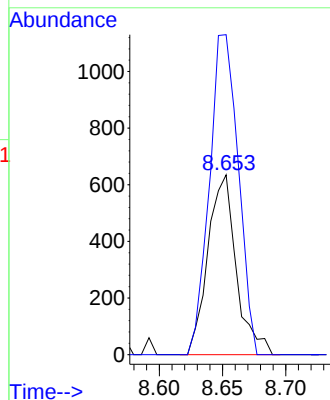
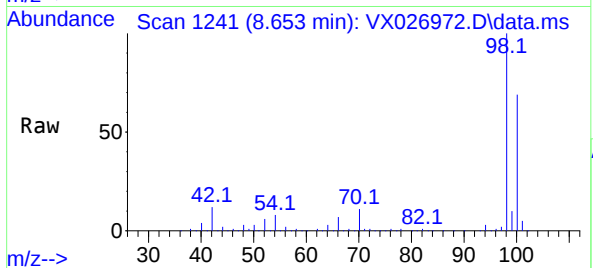
MW-7D

Tgt Ion: 43 Resp: 991

Ion Ratio Lower Upper

43 100

58 181.3 30.5 45.7#



#60

Dibromochloromethane

Concen: 0.793 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX026972.D

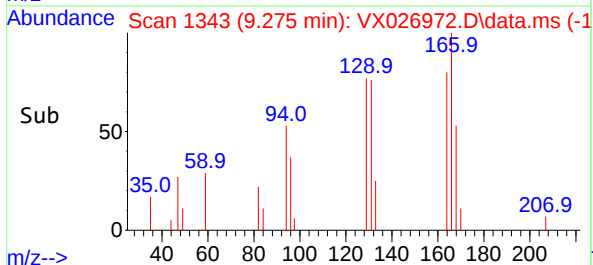
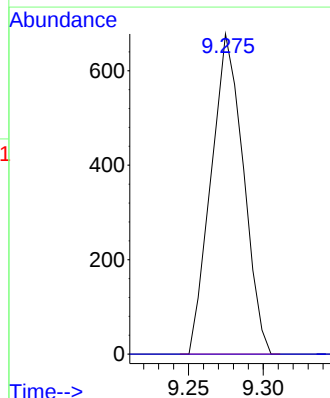
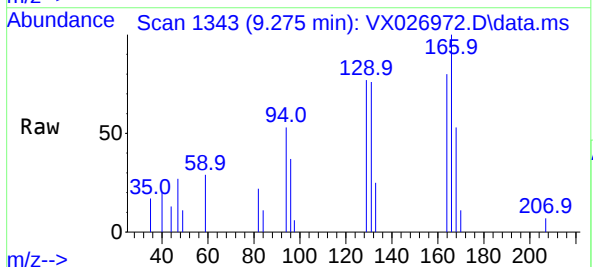
Acq: 11 Feb 2022 17:15

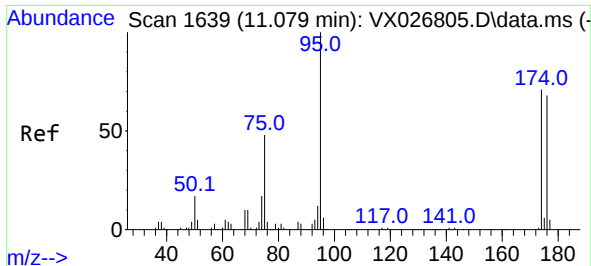
Tgt Ion: 129 Resp: 1016

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

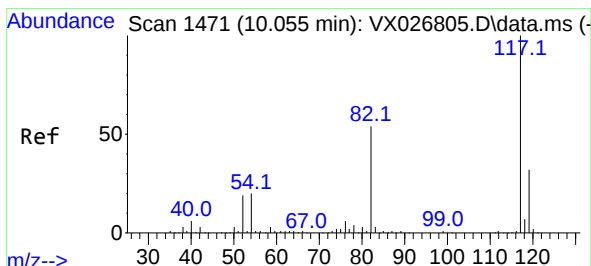
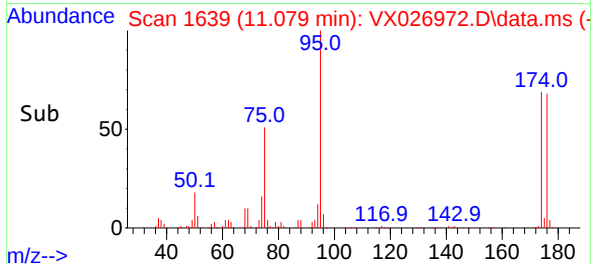
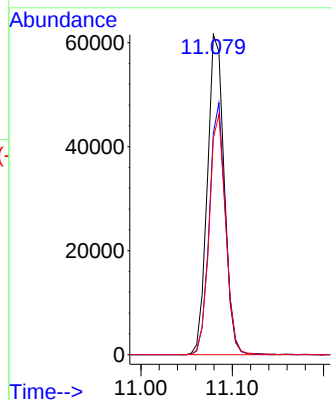
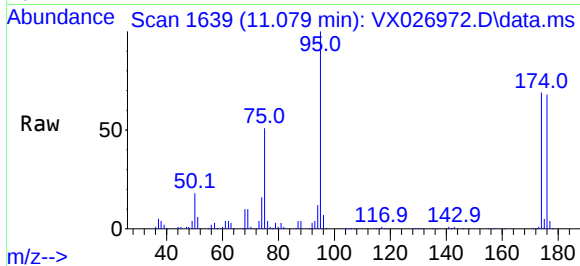




#62
4-Bromofluorobenzene
Concen: 53.692 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

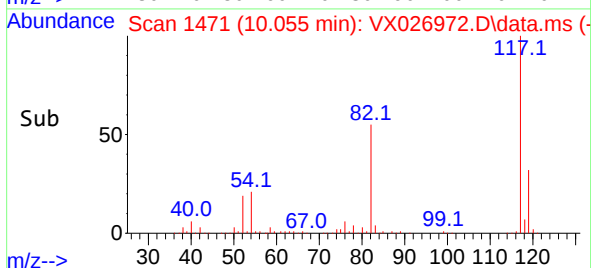
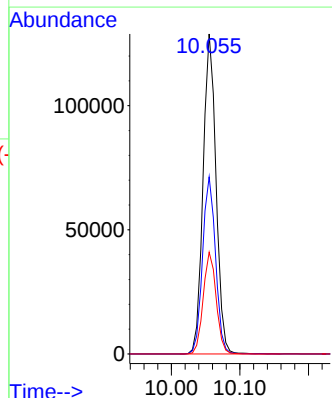
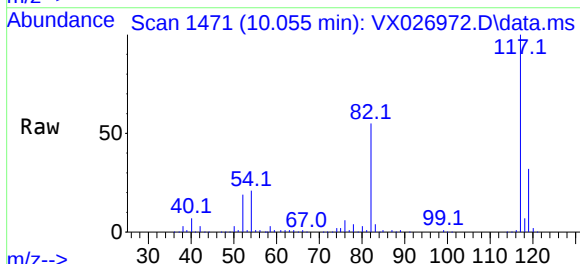
Instrument :
MSVOA_X
ClientSampleId :
MW-7D

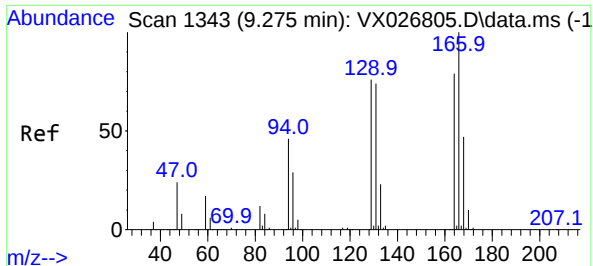
Tgt Ion: 95 Resp: 78433
Ion Ratio Lower Upper
95 100
174 75.3 0.0 148.6
176 73.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

Tgt Ion: 117 Resp: 169701
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 31.8 26.2 39.2



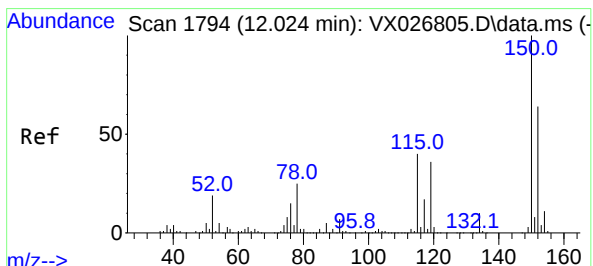
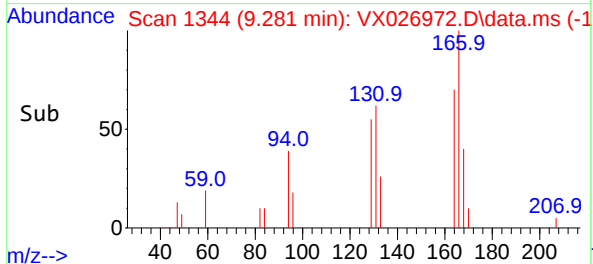
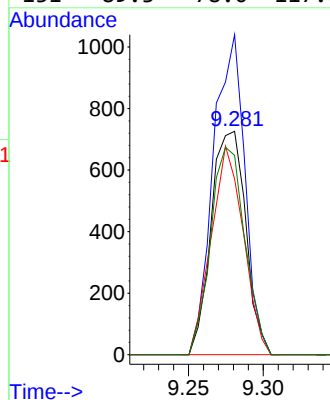
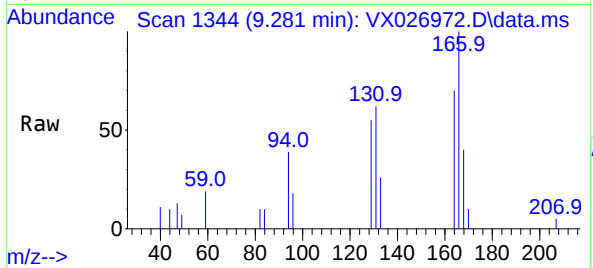


#64
Tetrachloroethene
Concen: 0.684 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

Instrument :
MSVOA_X
ClientSampleId :
MW-7D

Tgt Ion:164 Resp: 1165

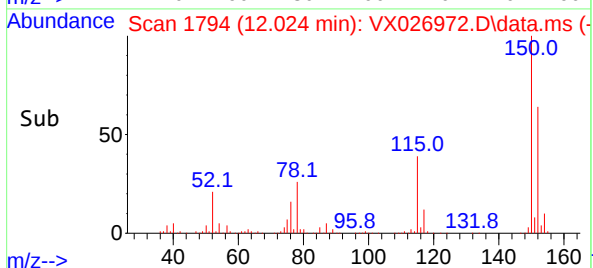
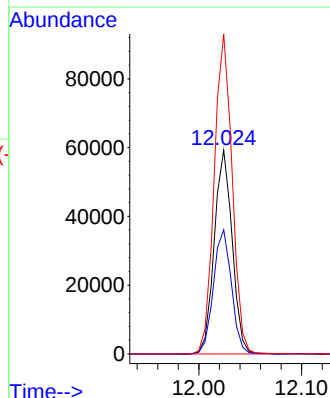
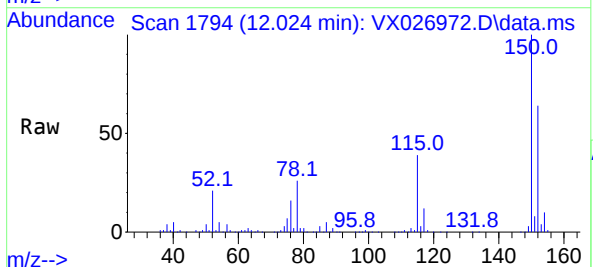
Ion	Ratio	Lower	Upper
164	100		
166	143.3	101.8	152.6
129	78.7	83.3	124.9#
131	89.3	78.0	117.0

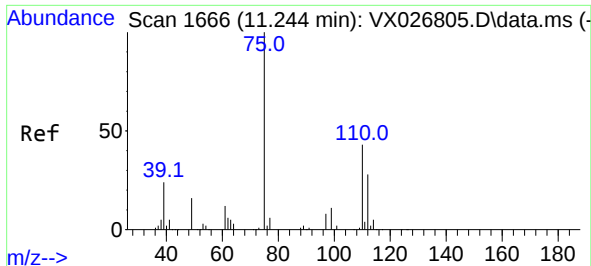


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

Tgt Ion:152 Resp: 71705

Ion	Ratio	Lower	Upper
152	100		
115	61.4	44.2	132.6
150	157.3	0.0	348.2

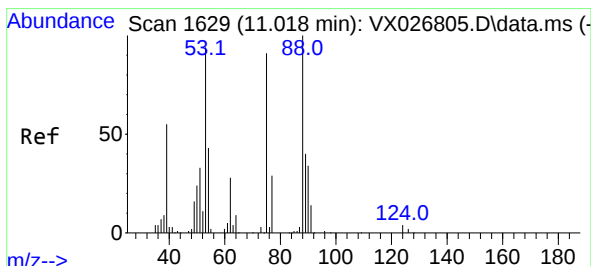
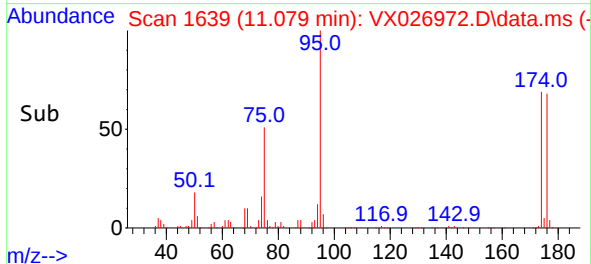
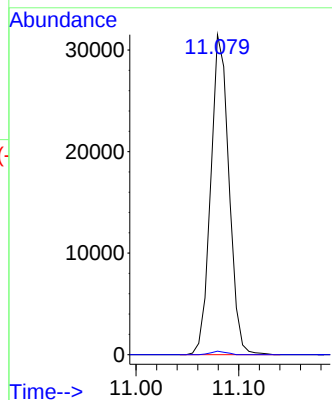
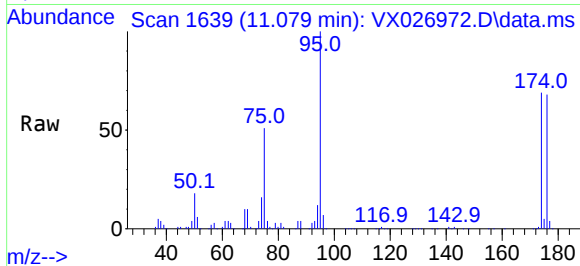




#76
1,2,3-Trichloropropane
Concen: 24.725 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

Instrument :
MSVOA_X
ClientSampleId :
MW-7D

Tgt Ion: 75 Resp: 38810
Ion Ratio Lower Upper
75 100
77 0.9 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.455 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026972.D
Acq: 11 Feb 2022 17:15

Tgt Ion: 75 Resp: 38810
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

