

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071836.D
 Acq On : 04 Apr 2022 17:05
 Operator : JC\MD
 Sample : N2200-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

Quant Time: Apr 05 01:19:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

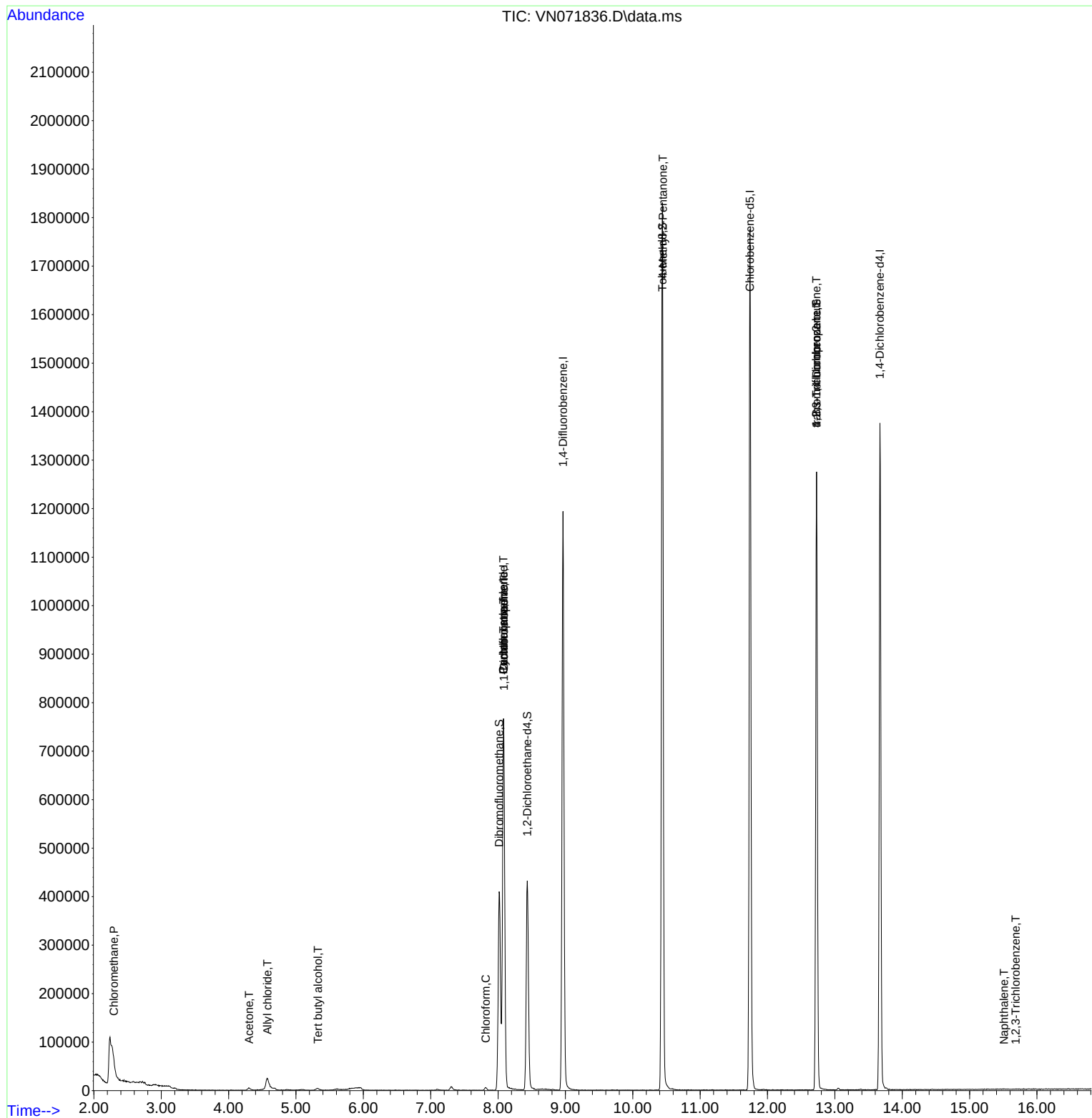
Internal Standards						
1) Pentafluorobenzene	8.081	168	640786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1091719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1103445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	405364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	359490	49.142	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.280%
35) Dibromofluoromethane	8.016	113	309901	48.240	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.480%
50) Toluene-d8	10.439	98	1357037	51.638	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.280%
62) 4-Bromofluorobenzene	12.727	95	460950	54.234	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.460%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2721	0.422	ug/l	99
11) Tert butyl alcohol	5.328	59	3709	3.124	ug/l #	72
14) Allyl chloride	4.575	41	3510	0.409	ug/l #	73
16) Acetone	4.304	43	5632	1.801	ug/l #	86
18) Methyl Acetate	4.857	43	1437	Below Cal	#	58
30) Chloroform	7.816	83	5765	0.498	ug/l	88
31) Cyclohexane	8.081	56	10888	1.094	ug/l #	1
36) 1,1-Dichloropropene	8.087	75	43537	4.853	ug/l #	48
38) Carbon Tetrachloride	8.081	117	55884	6.356	ug/l #	18
51) 4-Methyl-2-Pentanone	10.445	43	4805	0.512	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	222054	23.647	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	222054	73.280	ug/l #	10
95) Naphthalene	15.510	128	786	3.842	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.686	180	86	2.427	ug/l #	12

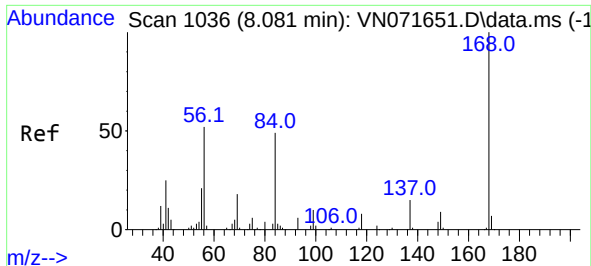
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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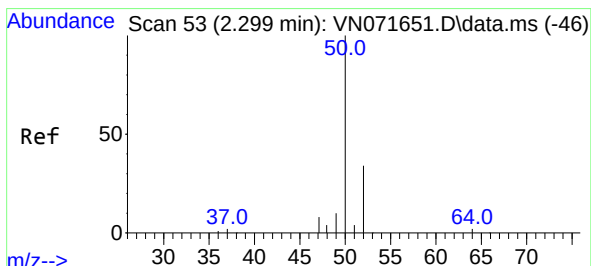
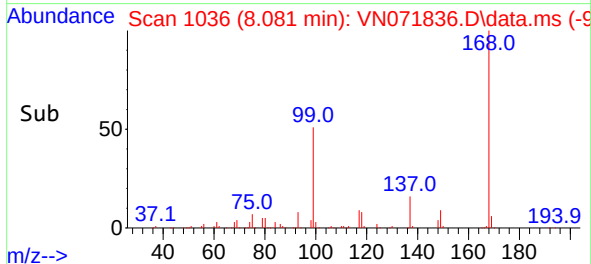
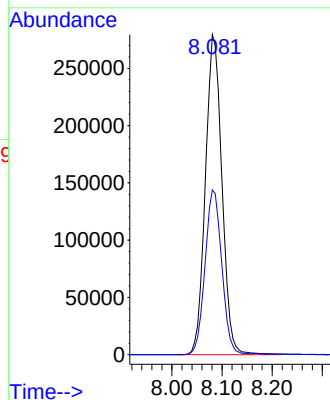
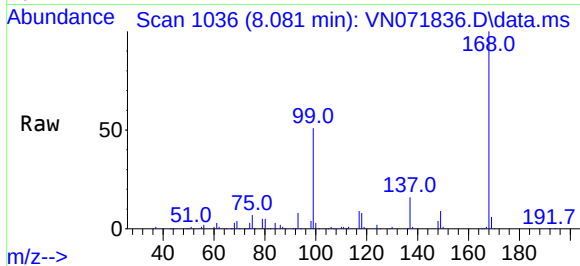




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071836.D
Acq: 04 Apr 2022 17:05

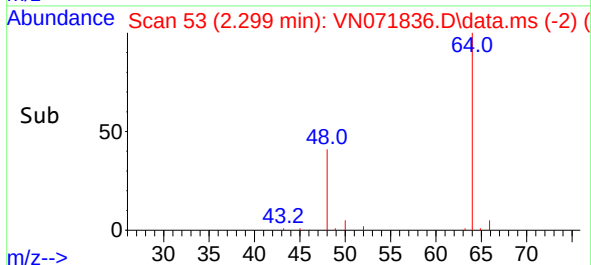
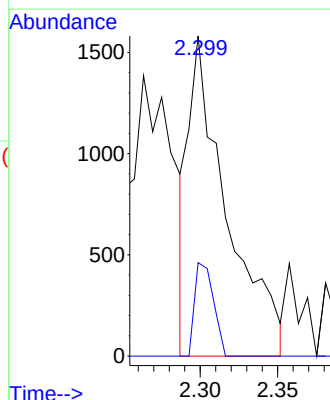
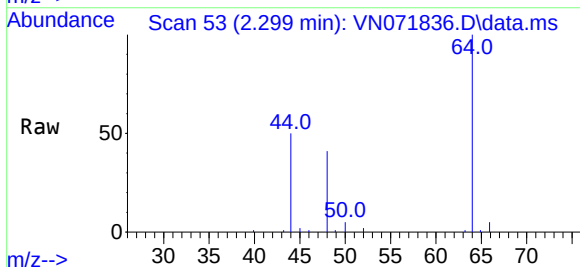
Instrument :
MSVOA_N
ClientSampleId :
MW-24

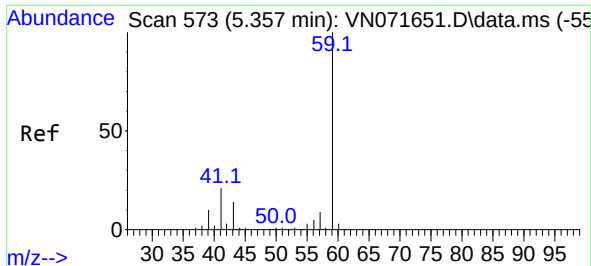
Tgt Ion:168 Resp: 640786
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5



#3
Chloromethane
Concen: 0.422 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071836.D
Acq: 04 Apr 2022 17:05

Tgt Ion: 50 Resp: 2721
Ion Ratio Lower Upper
50 100
52 32.5 25.7 38.5





#11

Tert butyl alcohol

Concen: 3.124 ug/l

RT: 5.328 min Scan# 5

Delta R.T. -0.029 min

Lab File: VN071836.D

Acq: 04 Apr 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

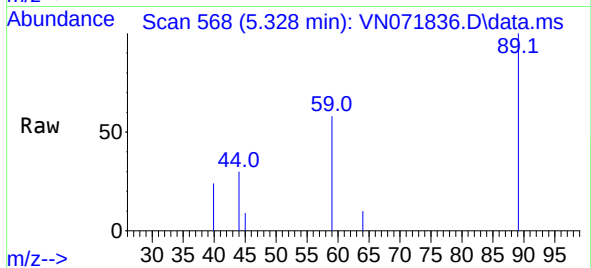
MW-24

Tgt Ion: 59 Resp: 3709

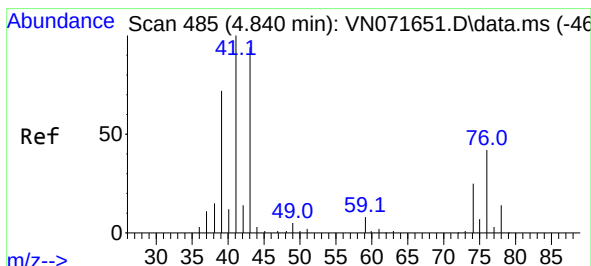
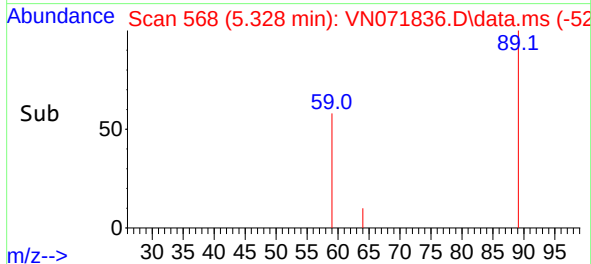
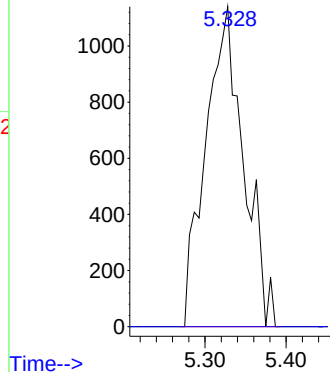
Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance



#14

Allyl chloride

Concen: 0.409 ug/l

RT: 4.575 min Scan# 440

Delta R.T. -0.265 min

Lab File: VN071836.D

Acq: 04 Apr 2022 17:05

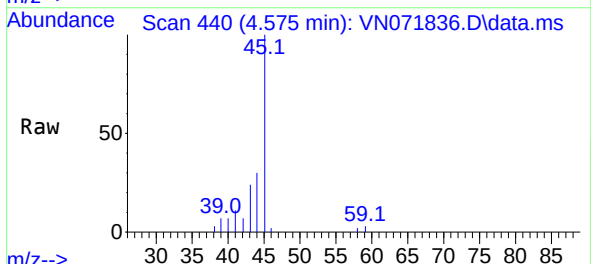
Tgt Ion: 41 Resp: 3510

Ion Ratio Lower Upper

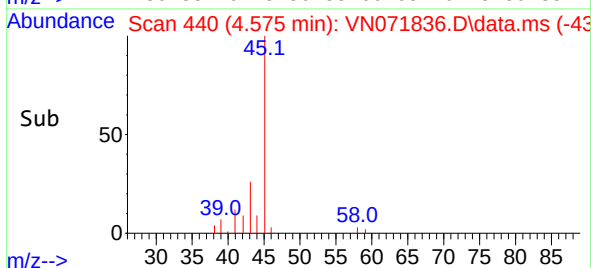
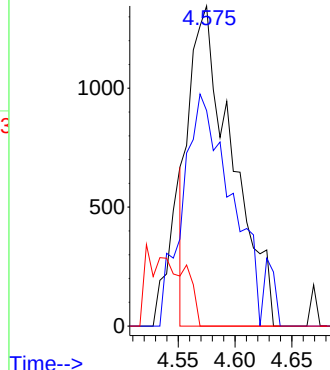
41 100

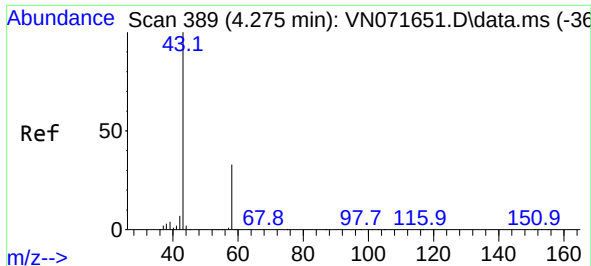
39 72.4 53.2 79.8

76 0.0 29.9 44.9#



Abundance

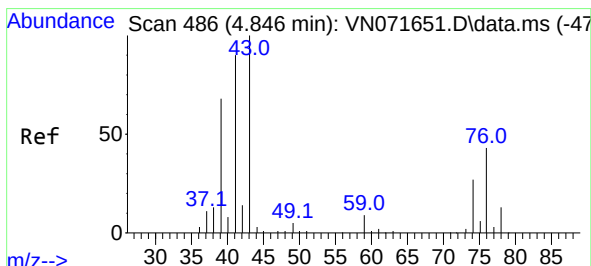
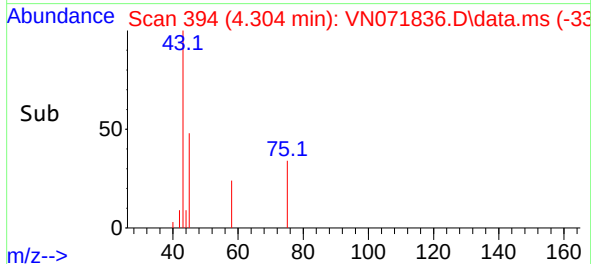
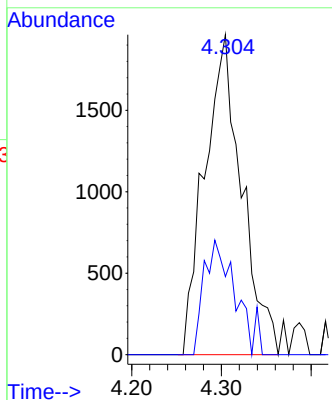
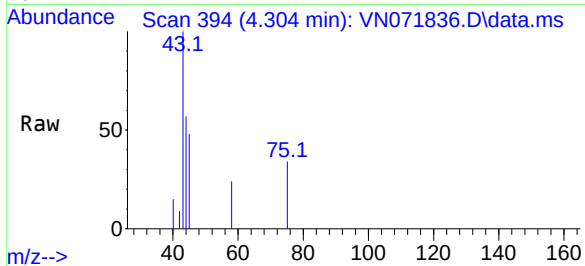




#16
Acetone
Concen: 1.801 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.029 min
Lab File: VN071836.D
Acq: 04 Apr 2022 17:05

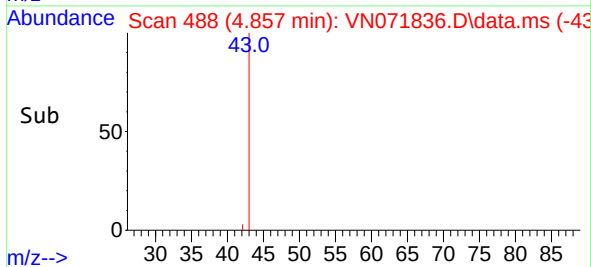
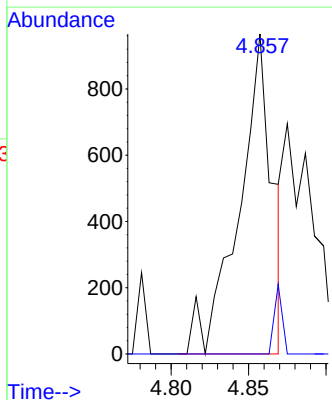
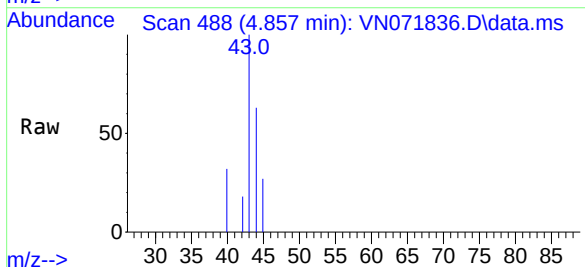
Instrument :
MSVOA_N
ClientSampleId :
MW-24

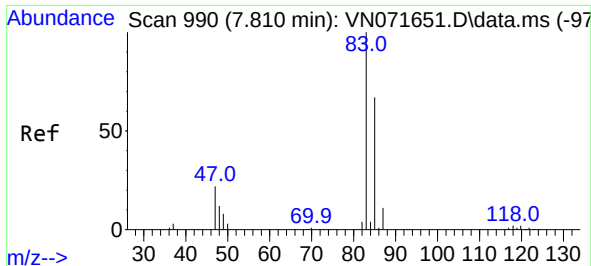
Tgt Ion: 43 Resp: 5632
Ion Ratio Lower Upper
43 100
58 24.4 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071836.D
Acq: 04 Apr 2022 17:05

Tgt Ion: 43 Resp: 1437
Ion Ratio Lower Upper
43 100
74 5.1 21.6 32.4#





#30

Chloroform

Concen: 0.498 ug/l

RT: 7.816 min Scan# 990

Delta R.T. 0.006 min

Lab File: VN071836.D

Acq: 04 Apr 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

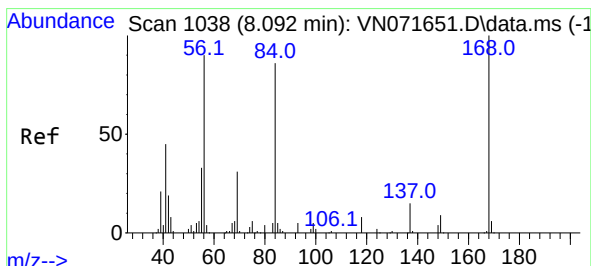
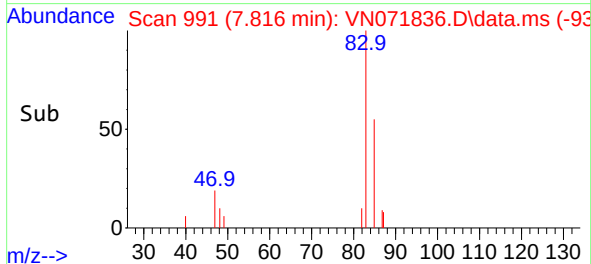
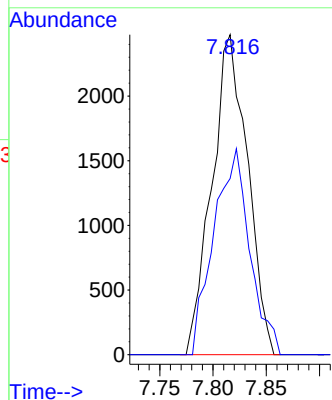
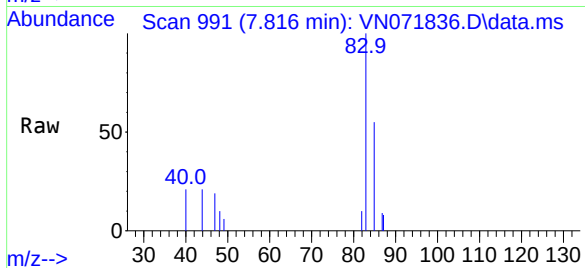
MW-24

Tgt Ion: 83 Resp: 5765

Ion Ratio Lower Upper

83 100

85 55.1 51.8 77.8



#31

Cyclohexane

Concen: 1.094 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN071836.D

Acq: 04 Apr 2022 17:05

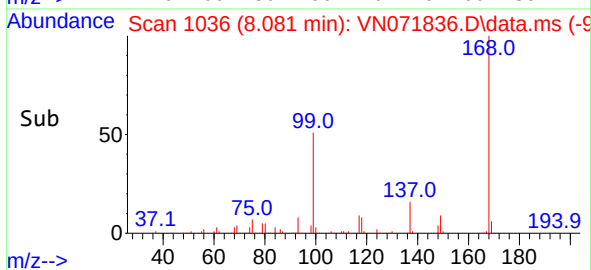
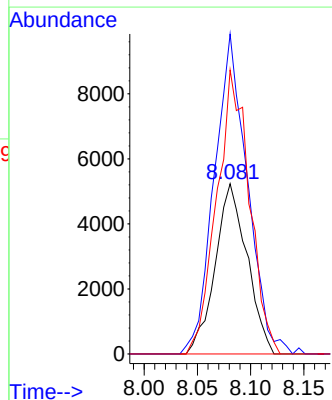
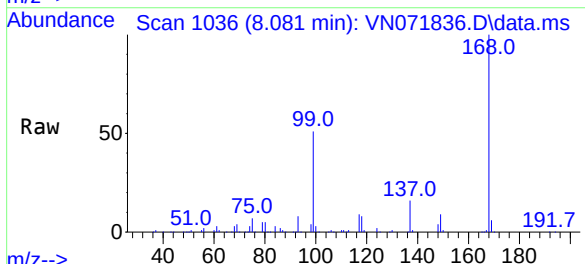
Tgt Ion: 56 Resp: 10888

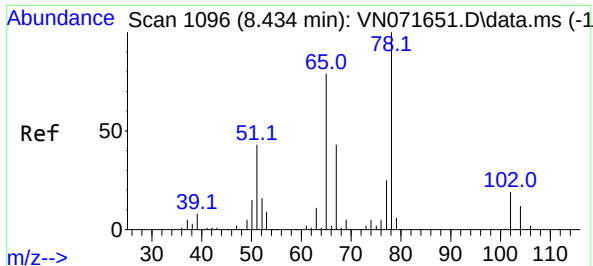
Ion Ratio Lower Upper

56 100

69 188.0 27.8 41.8#

84 166.9 76.9 115.3#

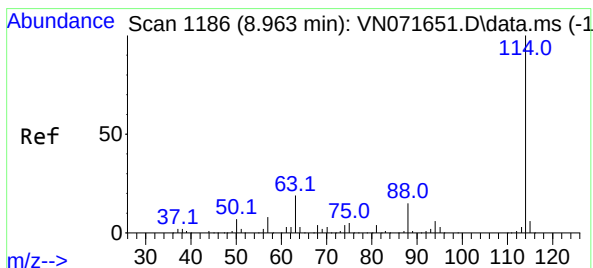
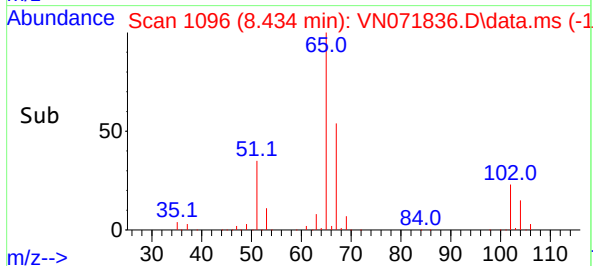
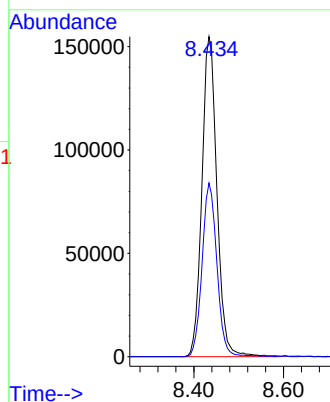
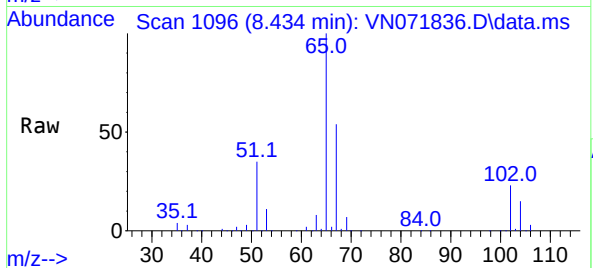




#33
1,2-Dichloroethane-d4
Concen: 49.142 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071836.D
Acq: 04 Apr 2022 17:05

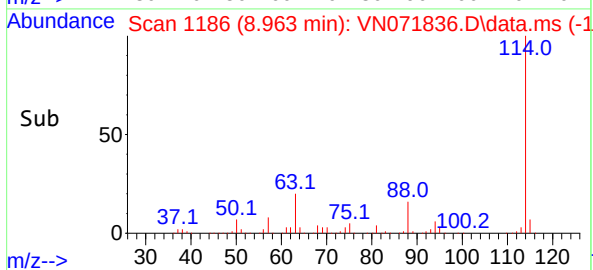
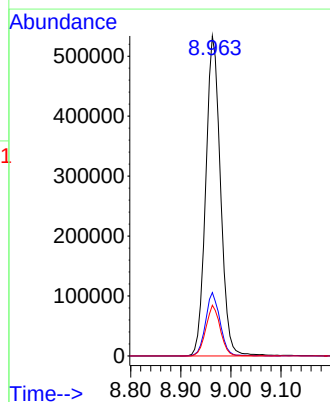
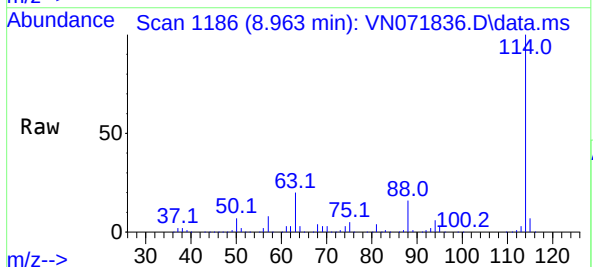
Instrument :
MSVOA_N
ClientSampleId :
MW-24

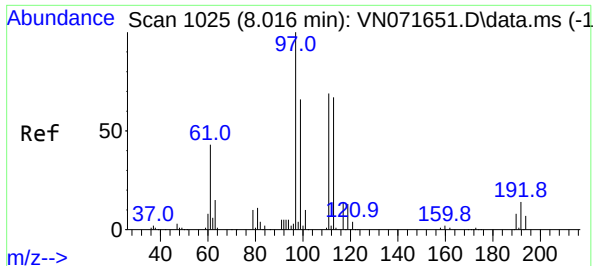
Tgt Ion: 65 Resp: 359490
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071836.D
Acq: 04 Apr 2022 17:05

Tgt Ion: 114 Resp: 1091719
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.0
88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.240 ug/l

RT: 8.016 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VN071836.D

Acq: 04 Apr 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

MW-24

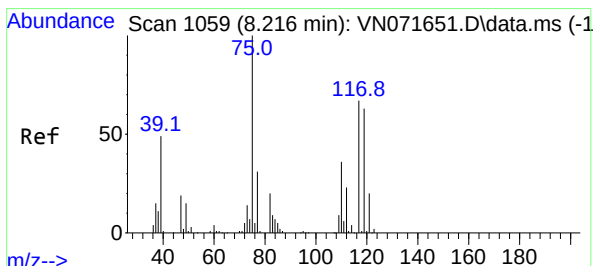
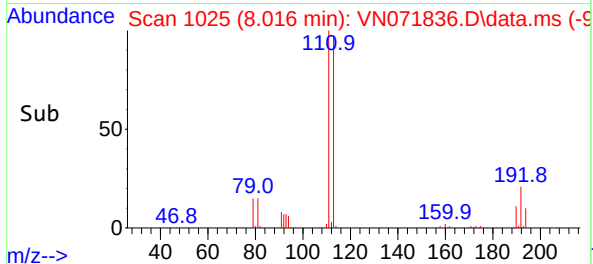
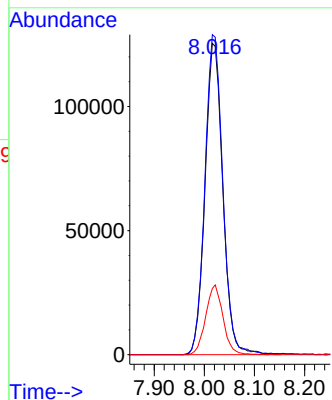
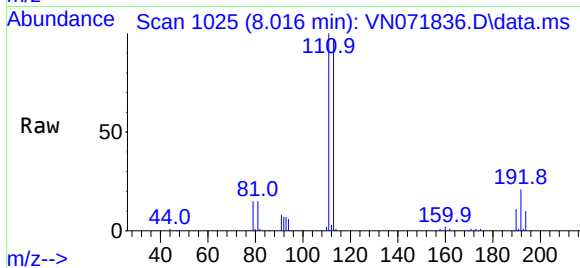
Tgt Ion:113 Resp: 309901

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 21.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.853 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.129 min

Lab File: VN071836.D

Acq: 04 Apr 2022 17:05

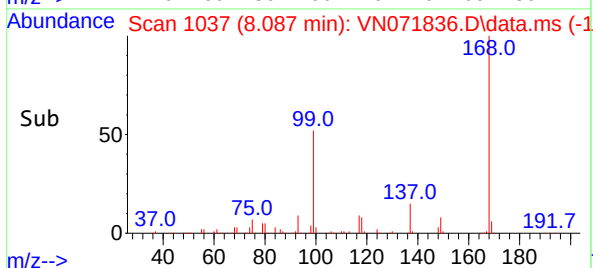
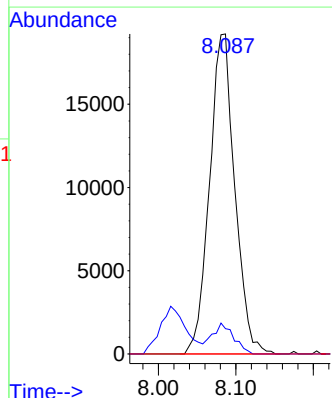
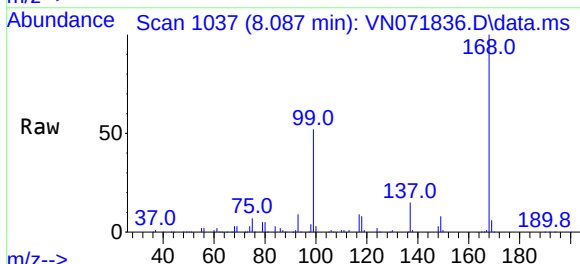
Tgt Ion: 75 Resp: 43537

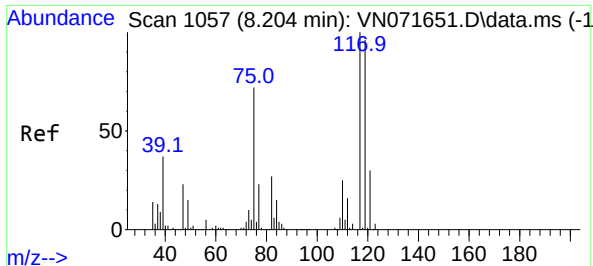
Ion Ratio Lower Upper

75 100

110 8.3 18.3 54.8#

77 0.0 25.1 37.7#

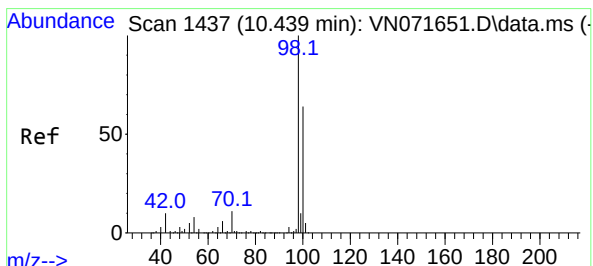
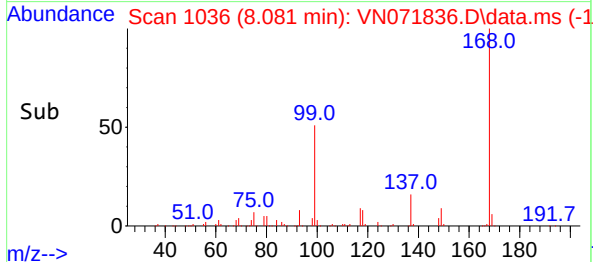
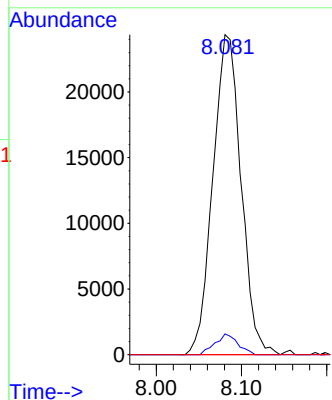
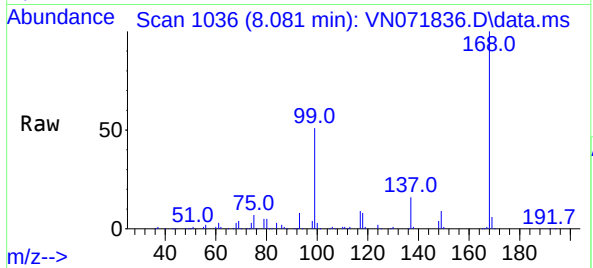




#38
Carbon Tetrachloride
Concen: 6.356 ug/l
RT: 8.081 min Scan# 117
Delta R.T. -0.123 min
Lab File: VN071836.D
Acq: 04 Apr 2022 17:05

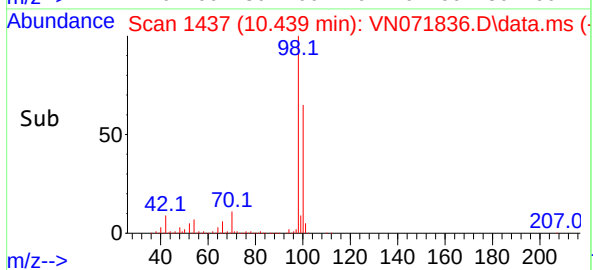
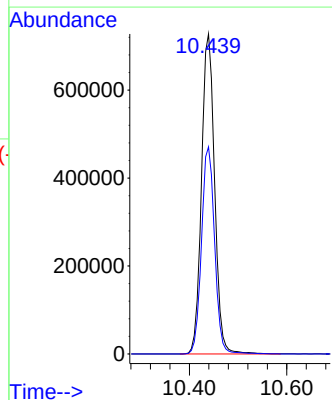
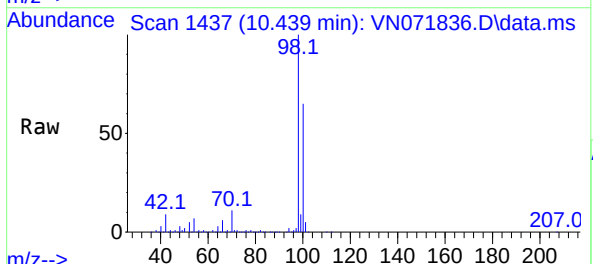
Instrument :
MSVOA_N
ClientSampleId :
MW-24

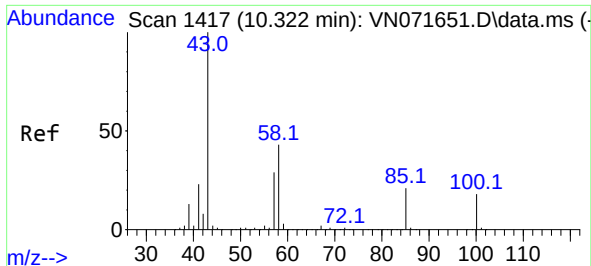
Tgt Ion:117 Resp: 55884
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 51.638 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071836.D
Acq: 04 Apr 2022 17:05

Tgt Ion: 98 Resp: 1357037
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

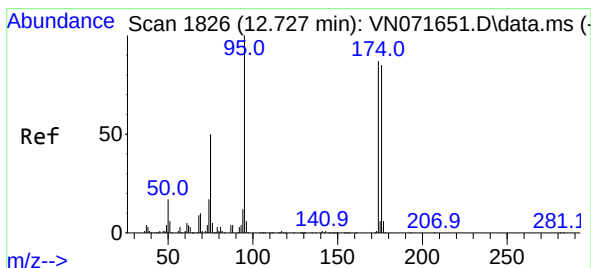
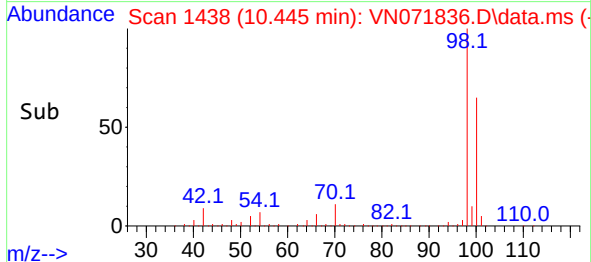
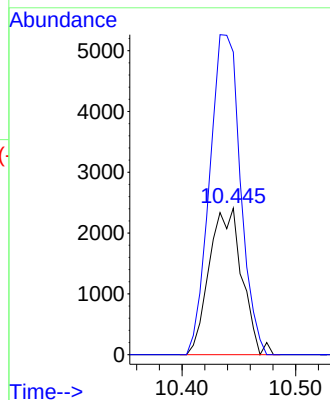
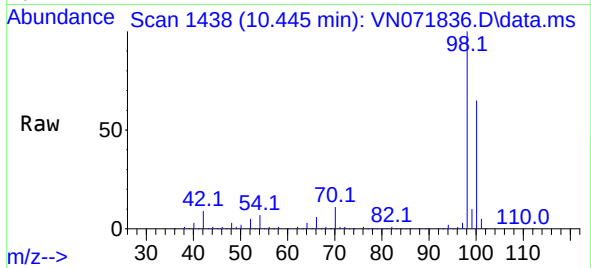




#51
 4-Methyl-2-Pentanone
 Concen: 0.512 ug/l
 RT: 10.445 min Scan# 1417
 Delta R.T. 0.123 min
 Lab File: VN071836.D
 Acq: 04 Apr 2022 17:05

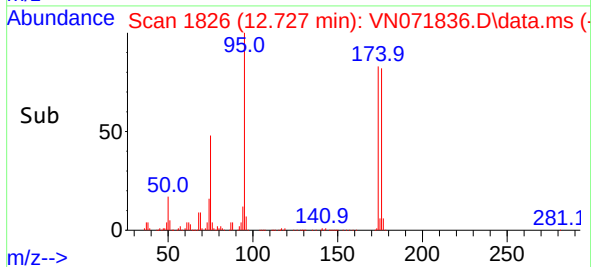
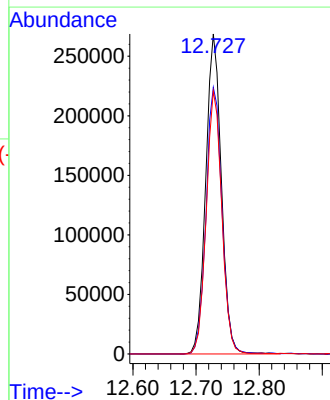
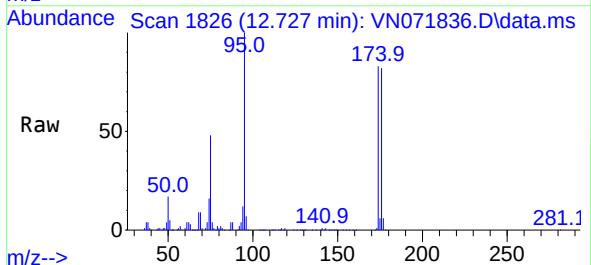
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

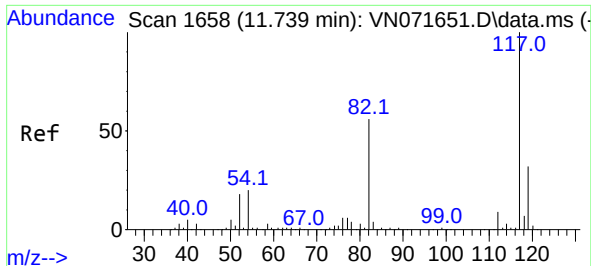
Tgt Ion: 43 Resp: 4805
 Ion Ratio Lower Upper
 43 100
 58 206.9 34.1 51.1#



#62
 4-Bromofluorobenzene
 Concen: 54.234 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: VN071836.D
 Acq: 04 Apr 2022 17:05

Tgt Ion: 95 Resp: 460950
 Ion Ratio Lower Upper
 95 100
 174 85.1 0.0 167.6
 176 82.0 0.0 163.4

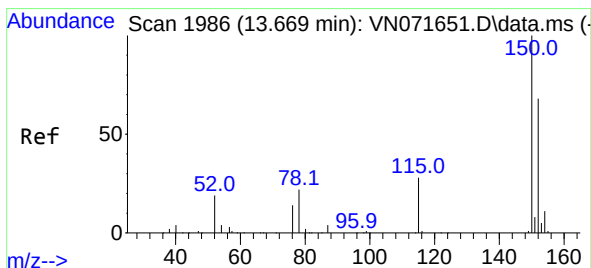
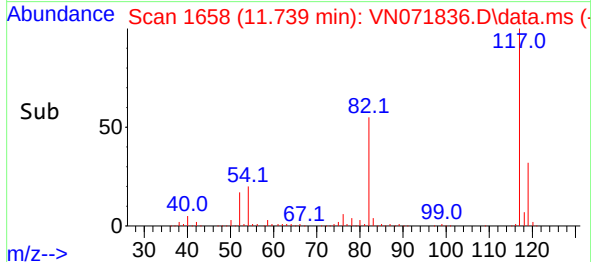
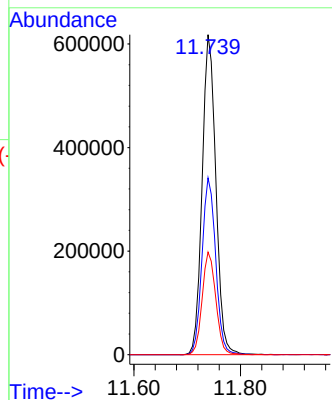
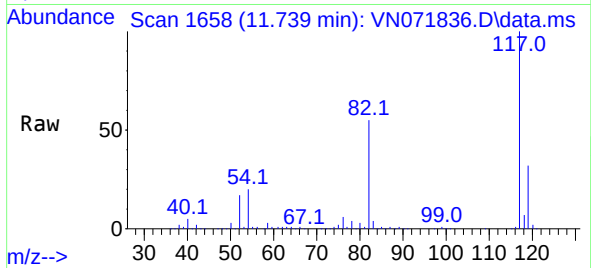




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071836.D
Acq: 04 Apr 2022 17:05

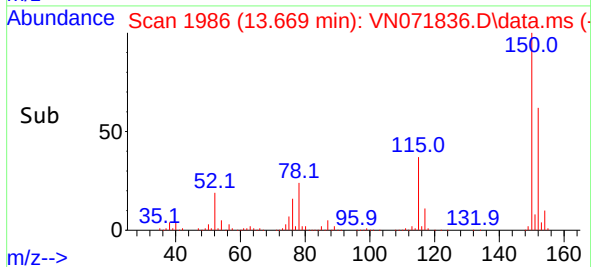
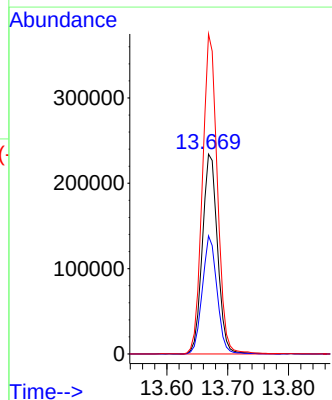
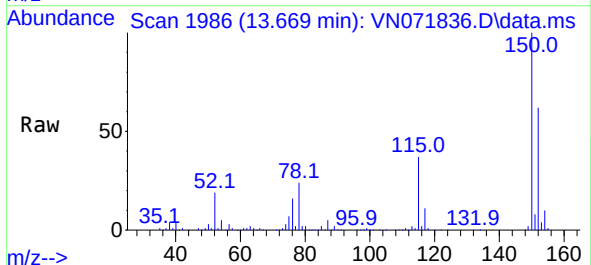
Instrument :
MSVOA_N
ClientSampleId :
MW-24

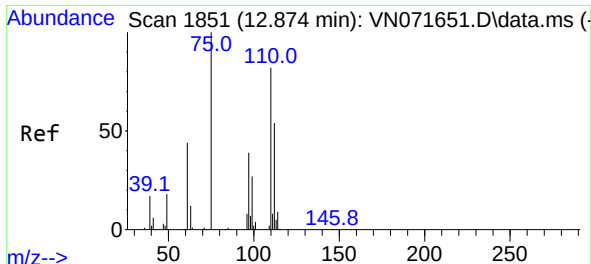
Tgt Ion:117 Resp: 1103445
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071836.D
Acq: 04 Apr 2022 17:05

Tgt Ion:152 Resp: 405364
Ion Ratio Lower Upper
152 100
115 57.4 28.9 86.7
150 157.3 0.0 356.2

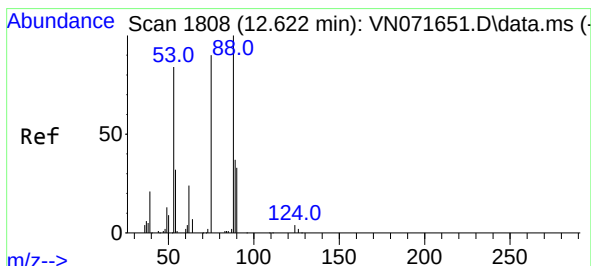
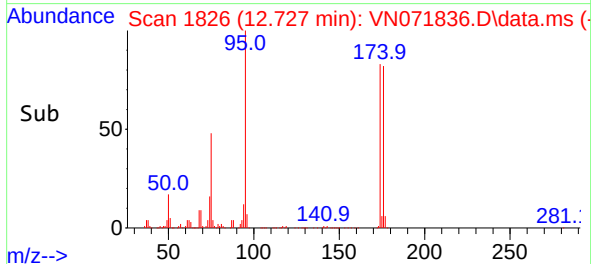
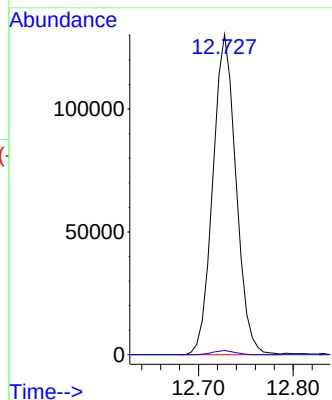
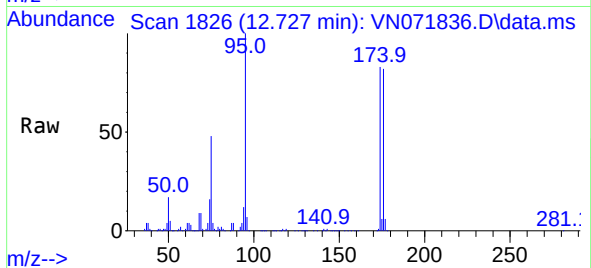




#76
1,2,3-Trichloropropane
Concen: 23.647 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071836.D
Acq: 04 Apr 2022 17:05

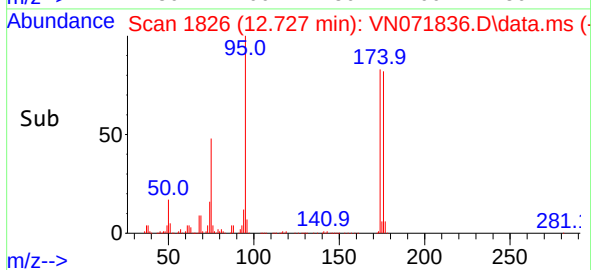
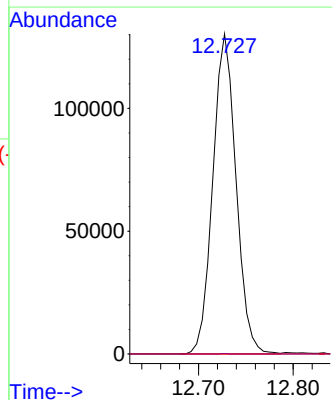
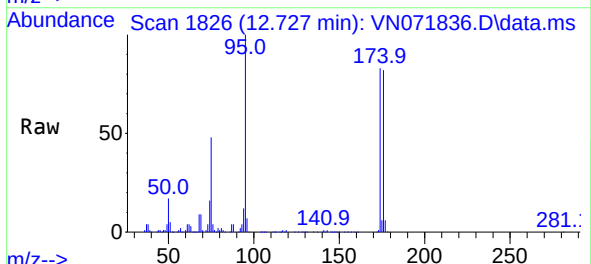
Instrument : MSVOA_N
ClientSampleId : MW-24

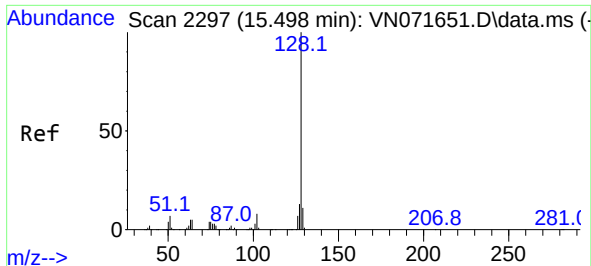
Tgt Ion: 75 Resp: 222054
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.280 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071836.D
Acq: 04 Apr 2022 17:05

Tgt Ion: 75 Resp: 222054
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

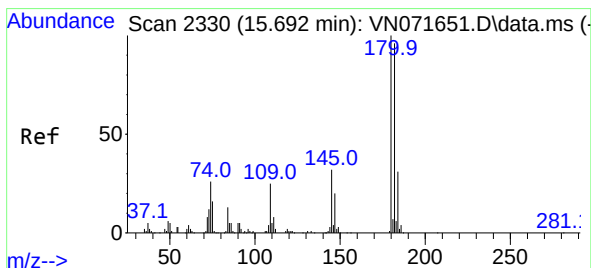
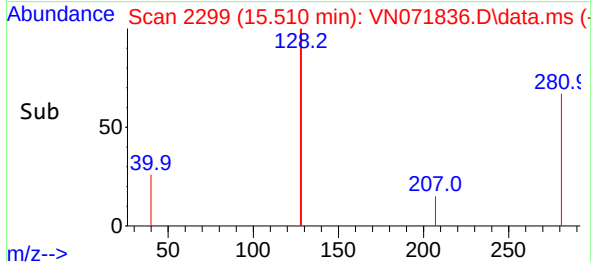
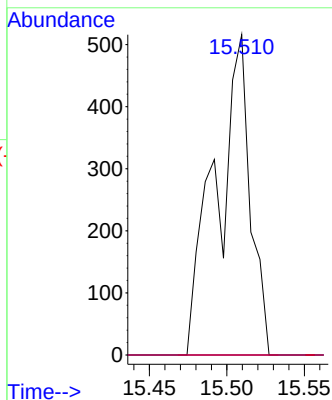
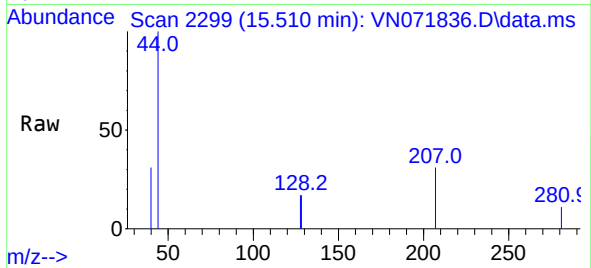




#95
Naphthalene
Concen: 3.842 ug/l
RT: 15.510 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN071836.D
Acq: 04 Apr 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
MW-24

Tgt Ion:	128	Resp:	786
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.427 ug/l
RT: 15.686 min Scan# 2329
Delta R.T. -0.006 min
Lab File: VN071836.D
Acq: 04 Apr 2022 17:05

Tgt Ion:	180	Resp:	86
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	0.0	15.5	46.5#

