

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071841.D
 Acq On : 04 Apr 2022 19:05
 Operator : JC\MD
 Sample : N2200-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-40D

Quant Time: Apr 05 01:20:45 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)

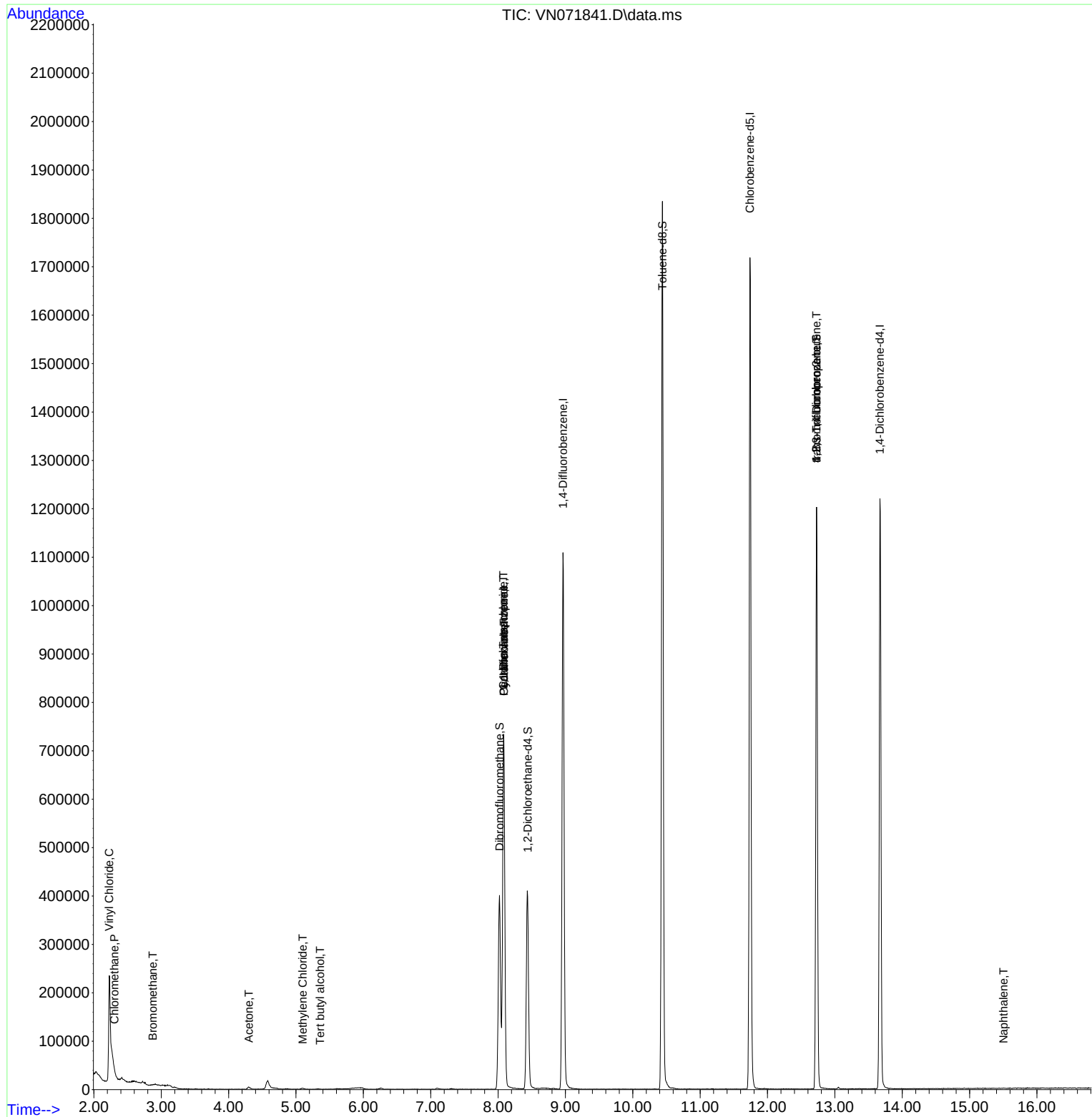
Internal Standards						
1) Pentafluorobenzene	8.086	168	616584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1052188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1070566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	370864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	341065	48.453	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.900%
35) Dibromofluoromethane	8.022	113	302495	48.856	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.720%
50) Toluene-d8	10.439	98	1325431	52.330	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.660%
62) 4-Bromofluorobenzene	12.727	95	433265	52.892	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.780%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	3044	0.490	ug/l #	74
4) Vinyl Chloride	2.228	62	2098	0.308	ug/l #	1
5) Bromomethane	2.875	94	1481	0.334	ug/l #	65
11) Tert butyl alcohol	5.357	59	364	0.319	ug/l #	72
16) Acetone	4.298	43	6060	2.014	ug/l	98
18) Methyl Acetate	4.869	43	1975	Below Cal	#	59
20) Methylene Chloride	5.098	84	1614	0.255	ug/l	95
31) Cyclohexane	8.086	56	9936	1.038	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	41969	4.854	ug/l #	48
38) Carbon Tetrachloride	8.081	117	55403	6.538	ug/l #	16
76) 1,2,3-Trichloropropane	12.727	75	210315	24.480	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	210315	75.862	ug/l #	10
95) Naphthalene	15.504	128	510	3.831	ug/l #	69

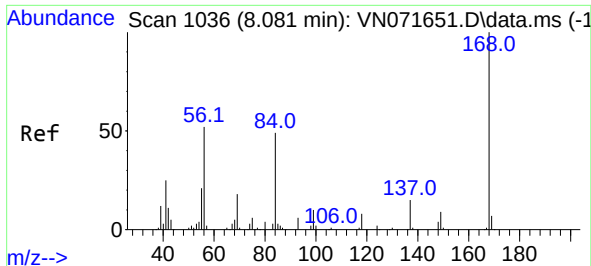
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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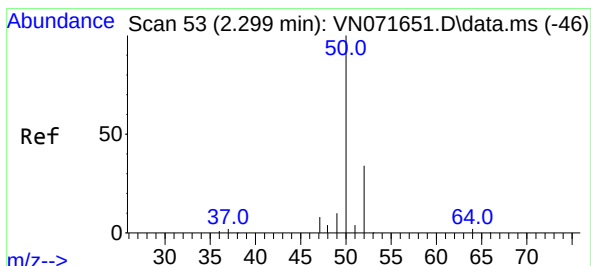
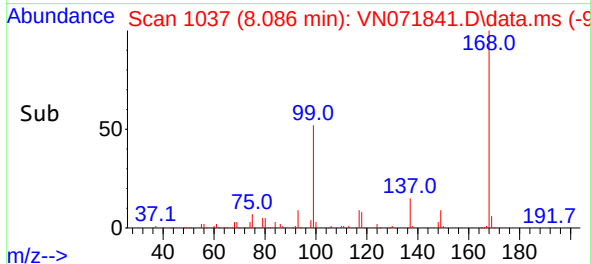
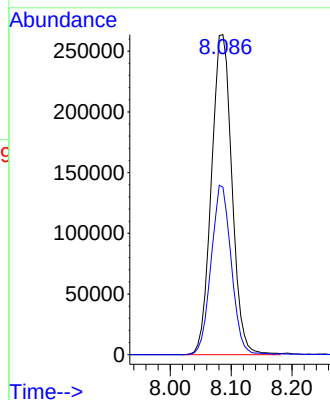
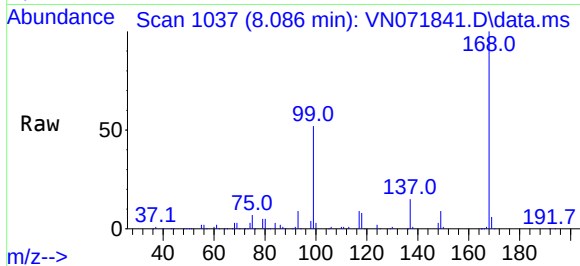




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071841.D
Acq: 04 Apr 2022 19:05

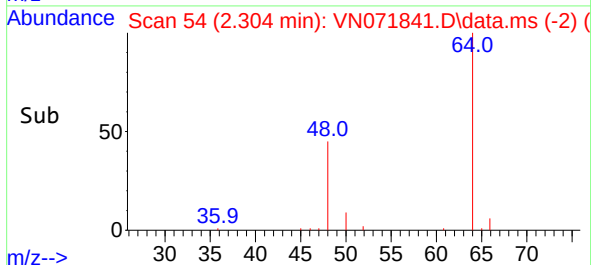
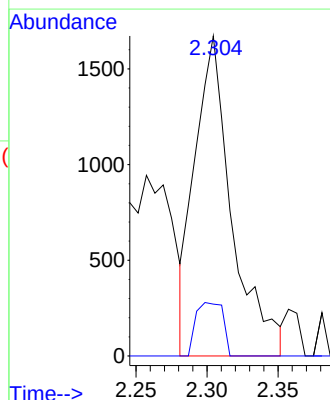
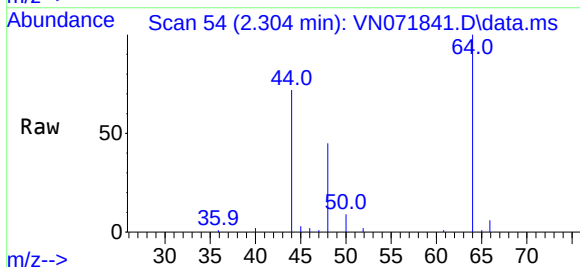
Instrument :
MSVOA_N
ClientSampleId :
MW-40D

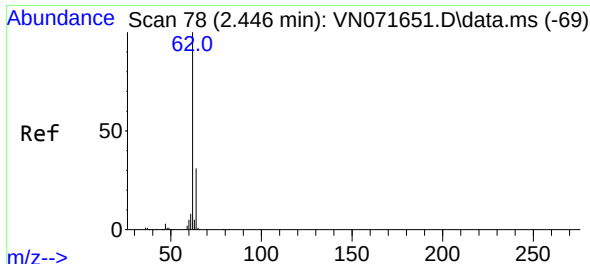
Tgt Ion:168 Resp: 616584
Ion Ratio Lower Upper
168 100
99 52.4 42.3 63.5



#3
Chloromethane
Concen: 0.490 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071841.D
Acq: 04 Apr 2022 19:05

Tgt Ion: 50 Resp: 3044
Ion Ratio Lower Upper
50 100
52 17.8 25.7 38.5#

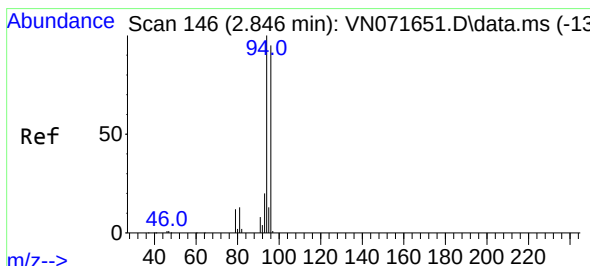
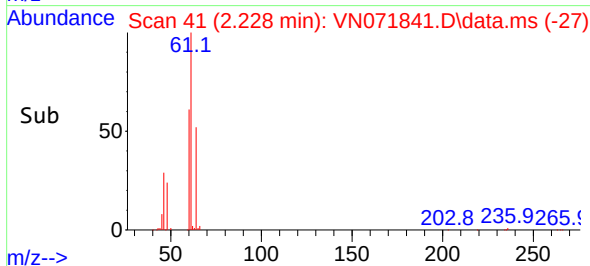
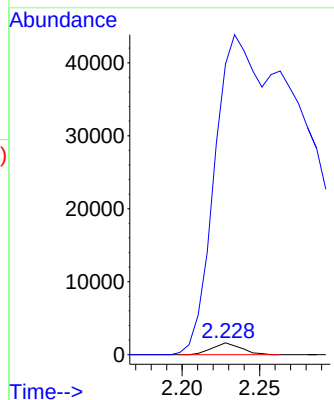
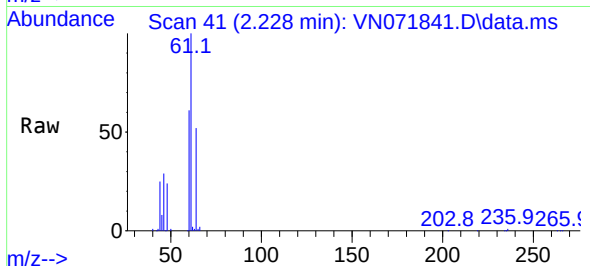




#4
 Vinyl Chloride
 Concen: 0.308 ug/l
 RT: 2.228 min Scan# 41
 Delta R.T. -0.218 min
 Lab File: VN071841.D
 Acq: 04 Apr 2022 19:05

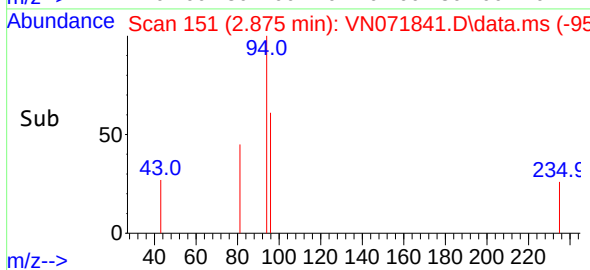
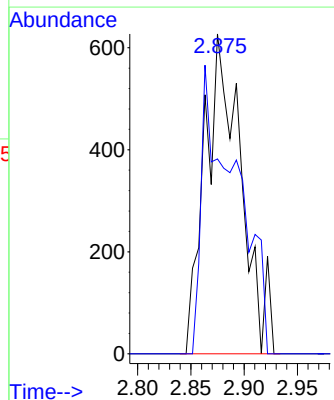
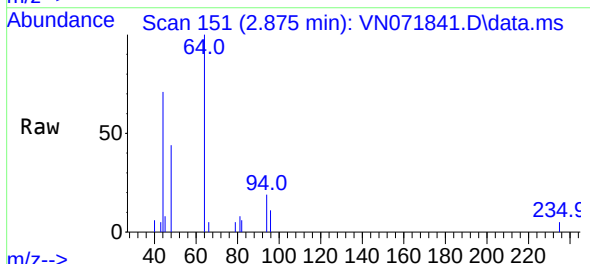
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-40D

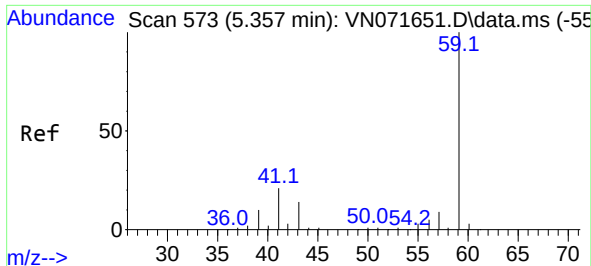
Tgt Ion: 62 Resp: 2098
 Ion Ratio Lower Upper
 62 100
 64 2432.8 25.0 37.4#



#5
 Bromomethane
 Concen: 0.334 ug/l
 RT: 2.875 min Scan# 151
 Delta R.T. 0.029 min
 Lab File: VN071841.D
 Acq: 04 Apr 2022 19:05

Tgt Ion: 94 Resp: 1481
 Ion Ratio Lower Upper
 94 100
 96 60.9 76.0 114.0#





#11

Tert butyl alcohol

Concen: 0.319 ug/l

RT: 5.357 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN071841.D

Acq: 04 Apr 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

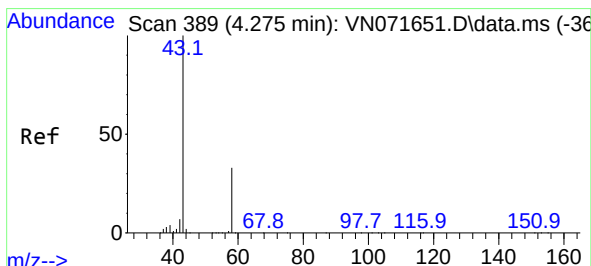
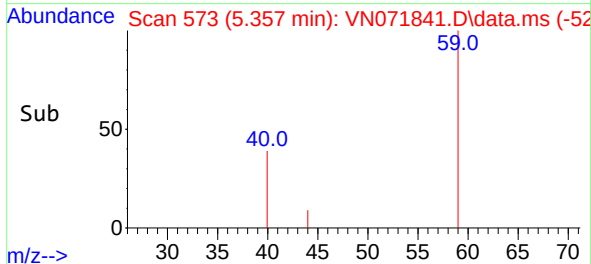
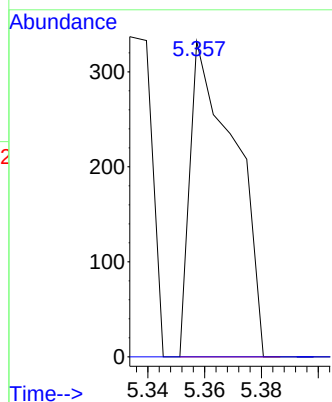
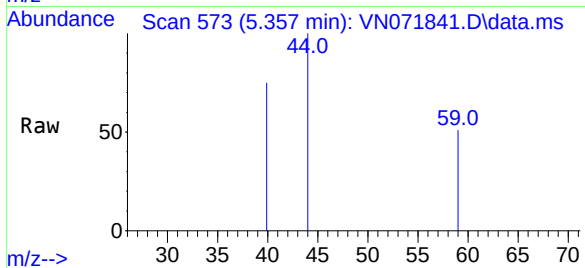
MW-40D

Tgt Ion: 59 Resp: 364

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.014 ug/l

RT: 4.298 min Scan# 393

Delta R.T. 0.023 min

Lab File: VN071841.D

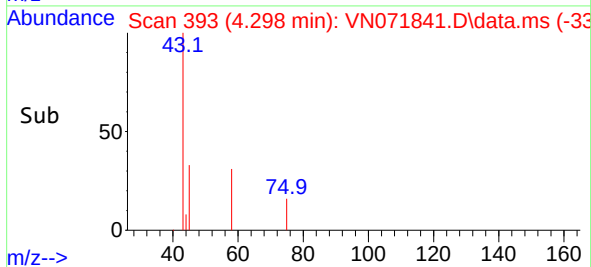
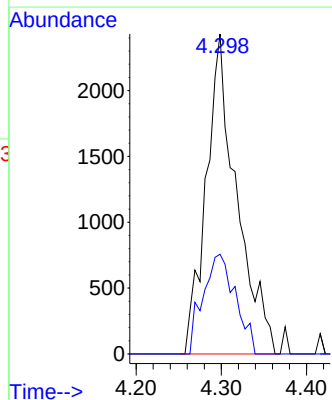
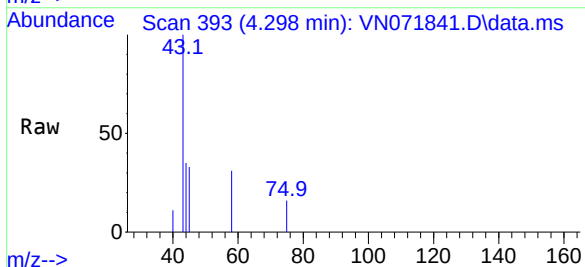
Acq: 04 Apr 2022 19:05

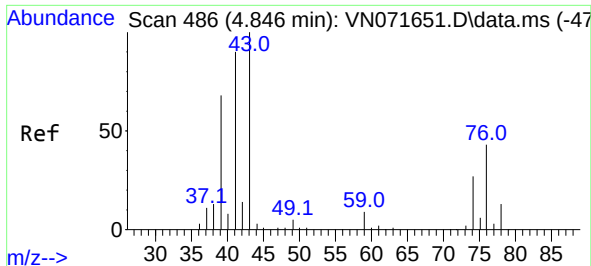
Tgt Ion: 43 Resp: 6060

Ion Ratio Lower Upper

43 100

58 31.2 26.0 39.0

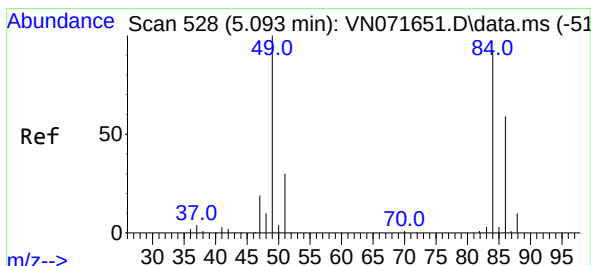
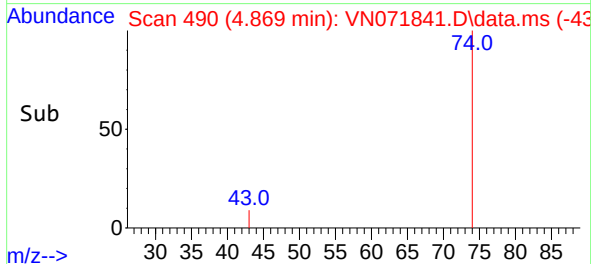
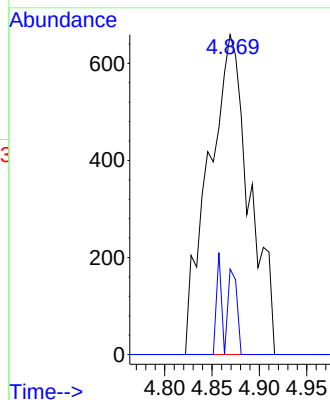
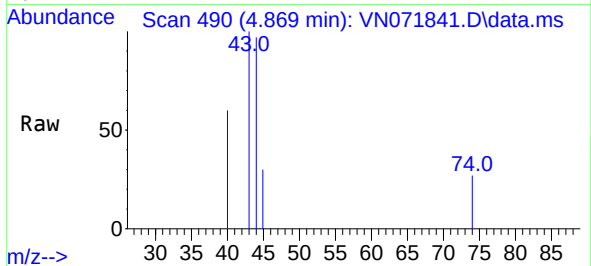




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 49
Delta R.T. 0.023 min
Lab File: VN071841.D
Acq: 04 Apr 2022 19:05

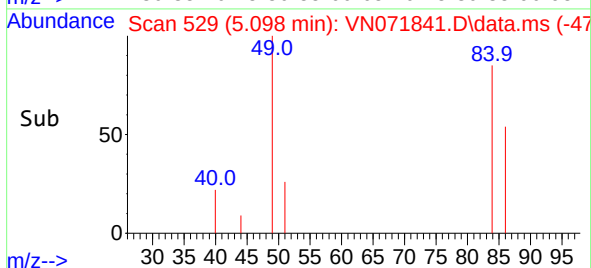
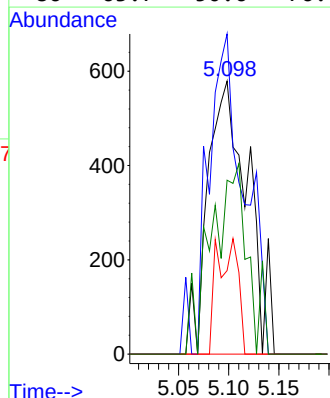
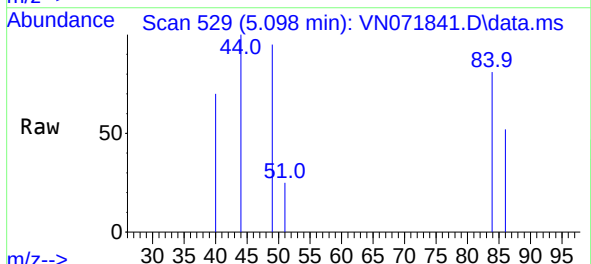
Instrument :
MSVOA_N
ClientSampleId :
MW-40D

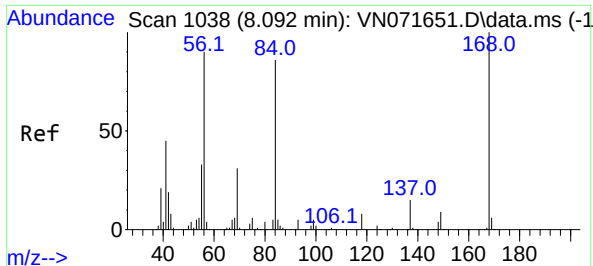
Tgt Ion: 43 Resp: 1975
Ion Ratio Lower Upper
43 100
74 5.9 21.6 32.4#



#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071841.D
Acq: 04 Apr 2022 19:05

Tgt Ion: 84 Resp: 1614
Ion Ratio Lower Upper
84 100
49 117.3 88.3 132.5
51 30.6 28.2 42.2
86 63.7 50.6 76.0

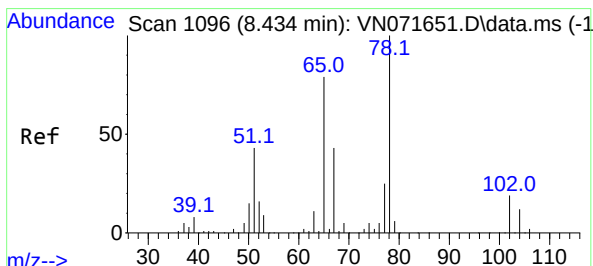
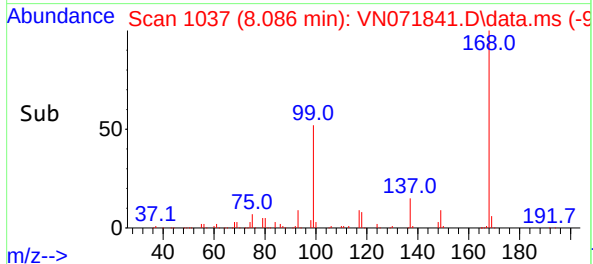
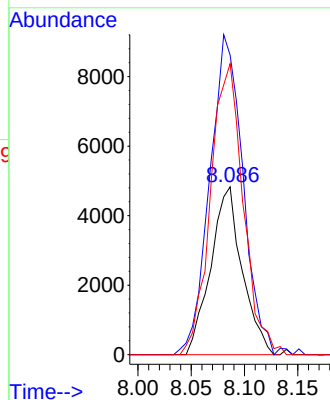
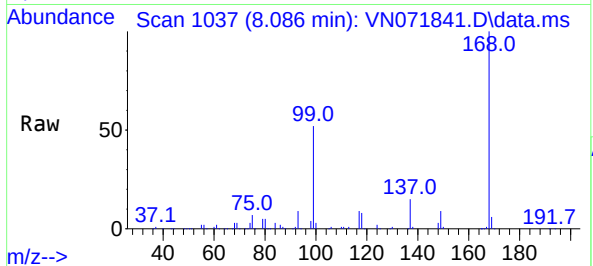




#31
Cyclohexane
Concen: 1.038 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071841.D
Acq: 04 Apr 2022 19:05

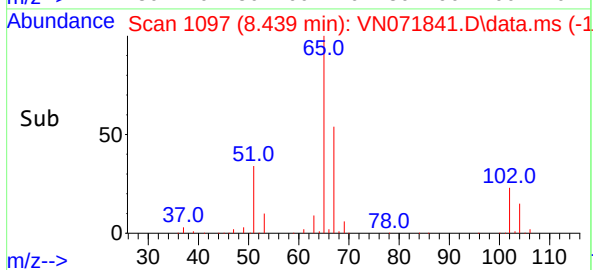
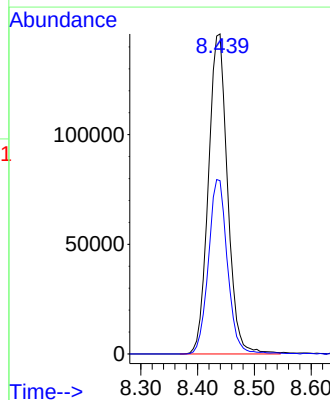
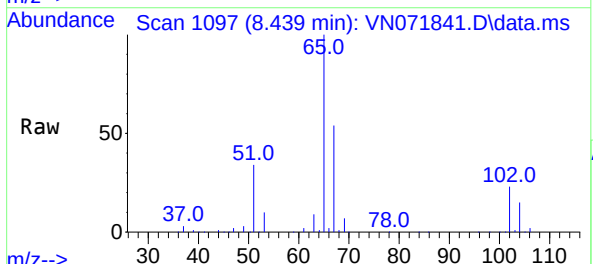
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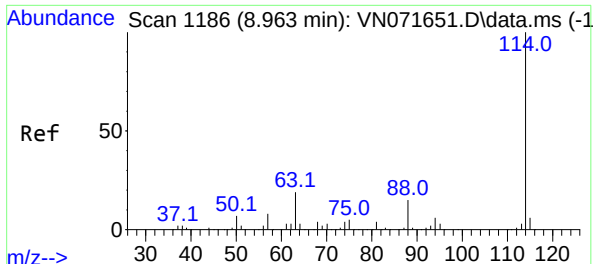
Tgt Ion: 56 Resp: 9936
Ion Ratio Lower Upper
56 100
69 175.3 27.8 41.8#
84 173.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 48.453 ug/l
RT: 8.439 min Scan# 1097
Delta R.T. 0.005 min
Lab File: VN071841.D
Acq: 04 Apr 2022 19:05

Tgt Ion: 65 Resp: 341065
Ion Ratio Lower Upper
65 100
67 54.2 0.0 104.8

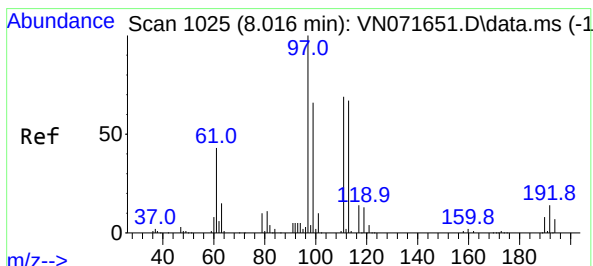
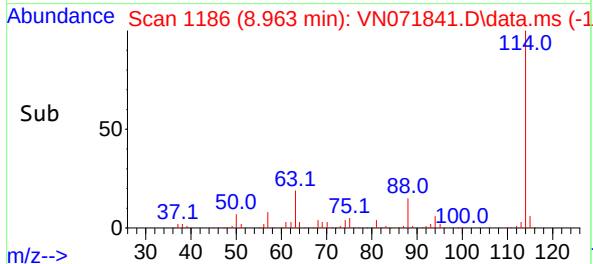
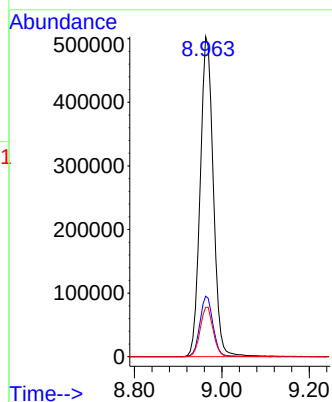
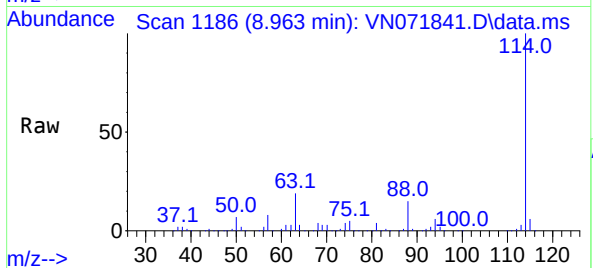




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071841.D
Acq: 04 Apr 2022 19:05

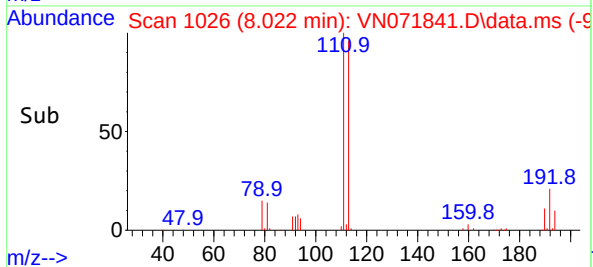
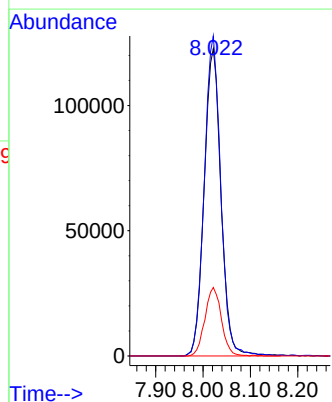
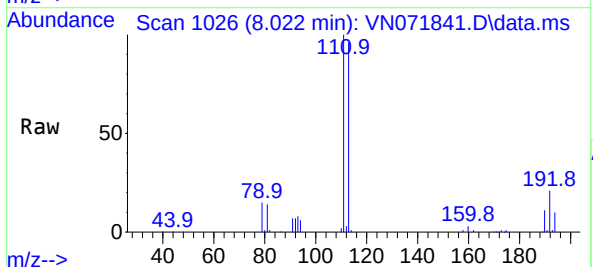
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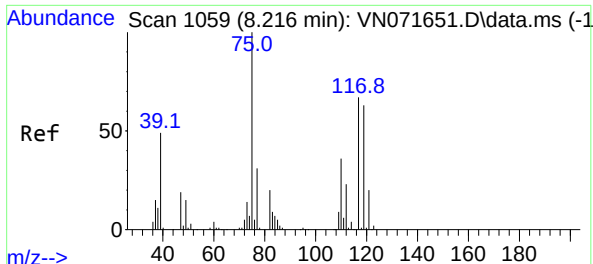
Tgt Ion:114 Resp: 1052188
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 15.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.856 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071841.D
Acq: 04 Apr 2022 19:05

Tgt Ion:113 Resp: 302495
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 21.8 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.854 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071841.D

Acq: 04 Apr 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

MW-40D

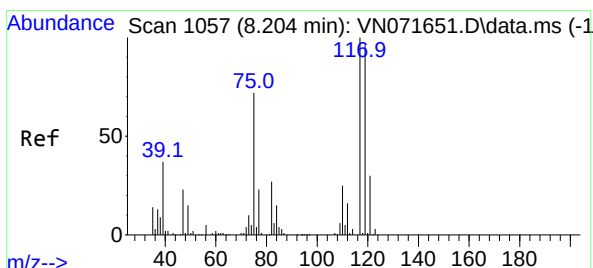
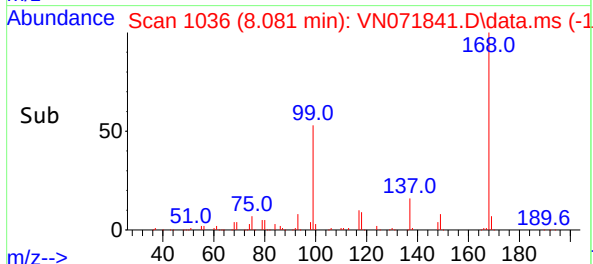
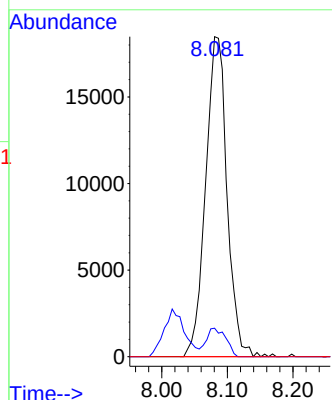
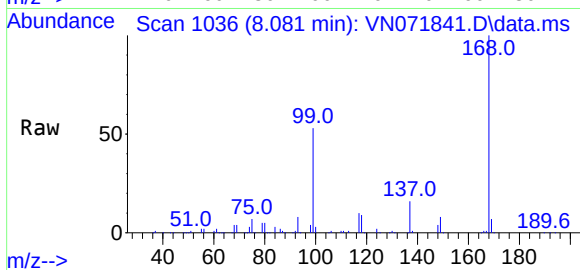
Tgt Ion: 75 Resp: 41969

Ion Ratio Lower Upper

75 100

110 8.1 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.538 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN071841.D

Acq: 04 Apr 2022 19:05

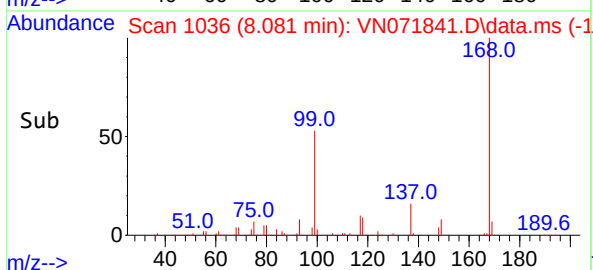
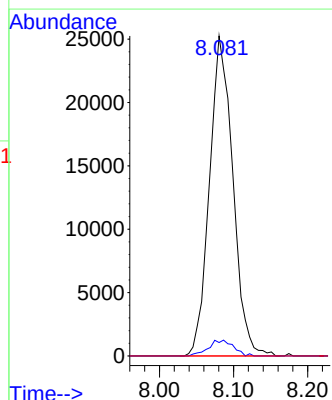
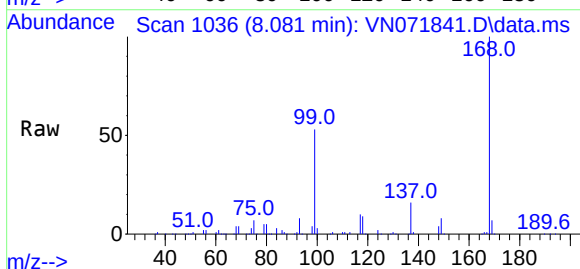
Tgt Ion: 117 Resp: 55403

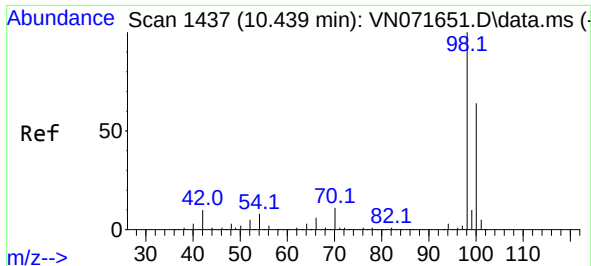
Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.8#

121 0.0 24.6 37.0#

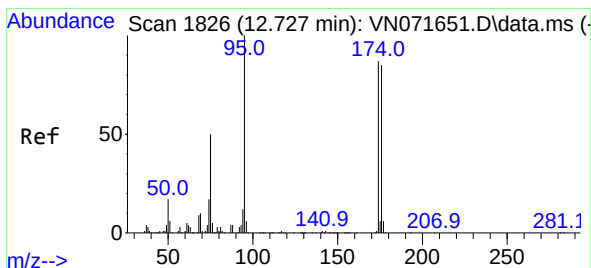
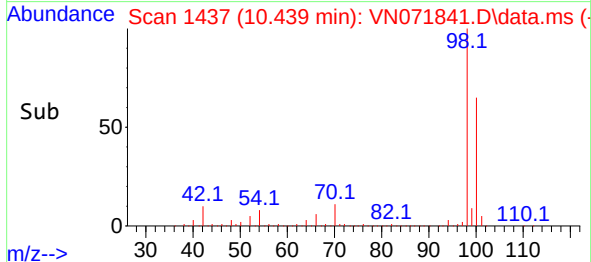
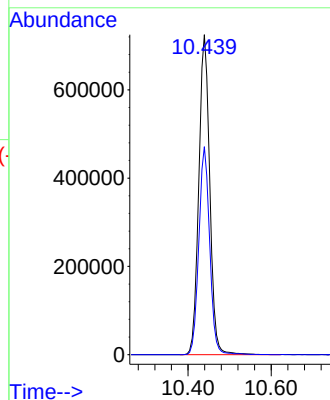
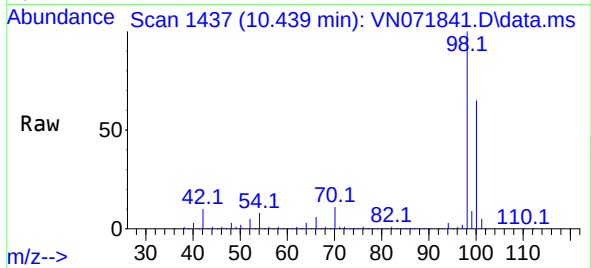




#50
Toluene-d8
Concen: 52.330 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071841.D
Acq: 04 Apr 2022 19:05

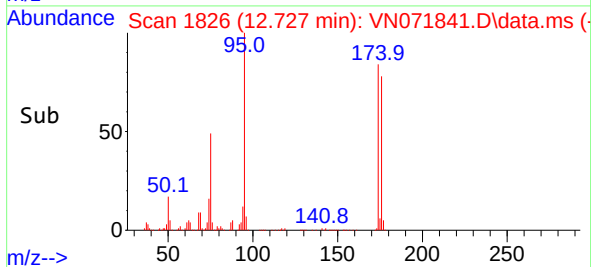
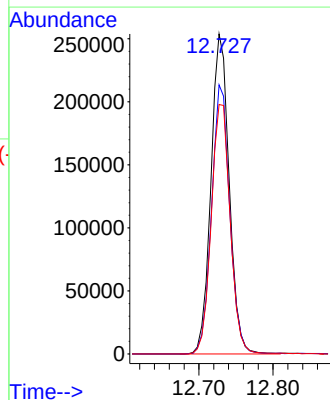
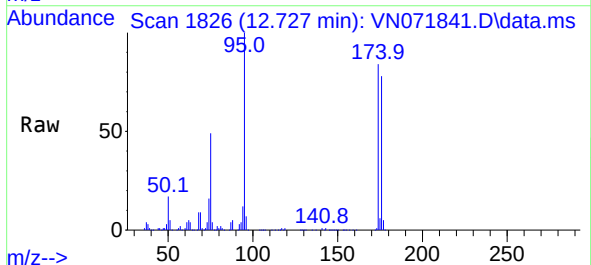
Instrument :
MSVOA_N
ClientSampleId :
MW-40D

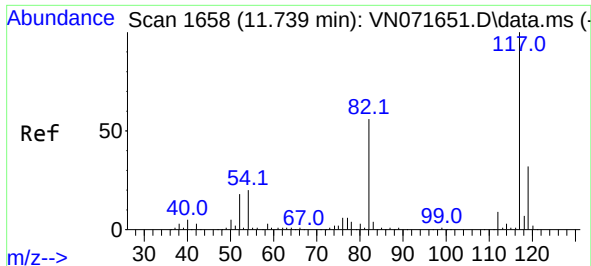
Tgt Ion: 98 Resp: 1325431
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.892 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071841.D
Acq: 04 Apr 2022 19:05

Tgt Ion: 95 Resp: 433265
Ion Ratio Lower Upper
95 100
174 84.2 0.0 167.6
176 81.2 0.0 163.4

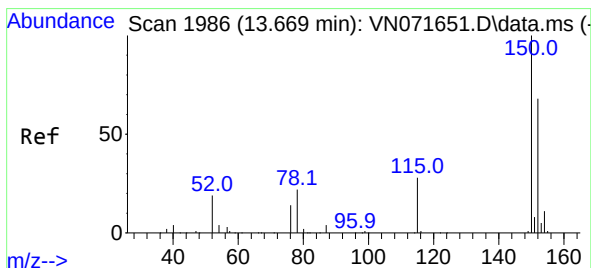
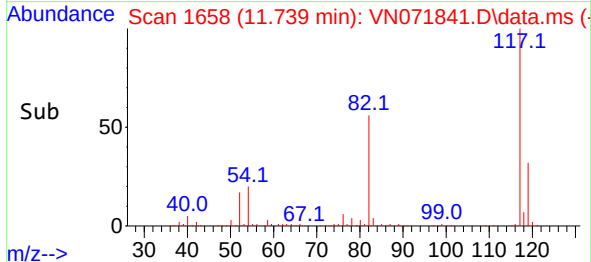
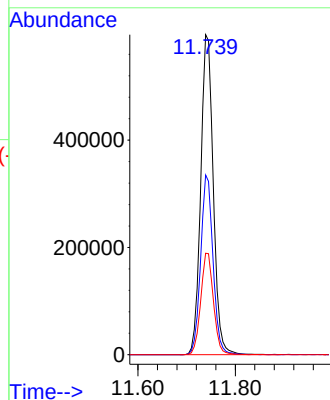
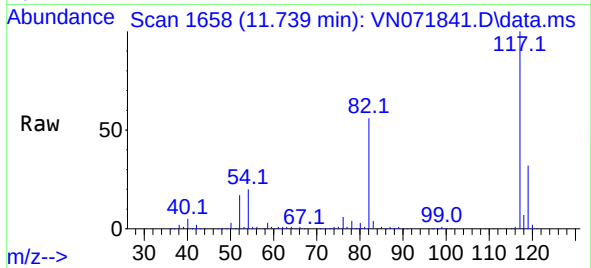




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071841.D
Acq: 04 Apr 2022 19:05

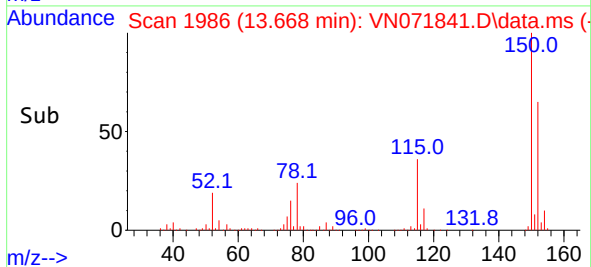
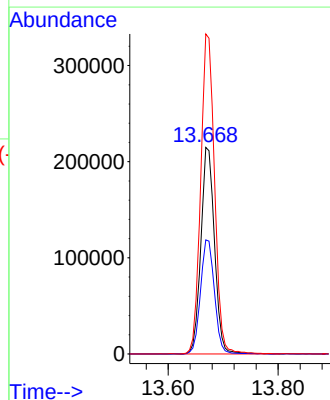
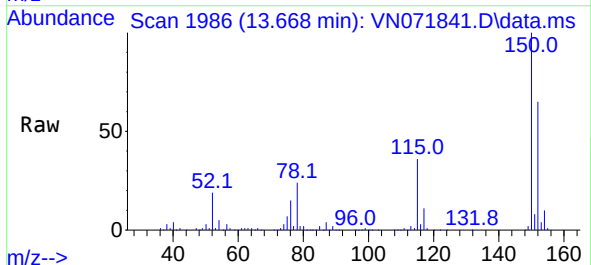
Instrument :
MSVOA_N
ClientSampleId :
MW-40D

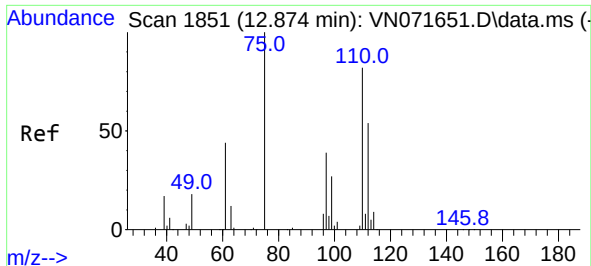
Tgt Ion:117 Resp: 1070566
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071841.D
Acq: 04 Apr 2022 19:05

Tgt Ion:152 Resp: 370864
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 157.6 0.0 356.2

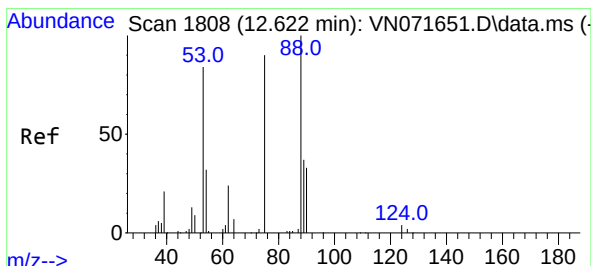
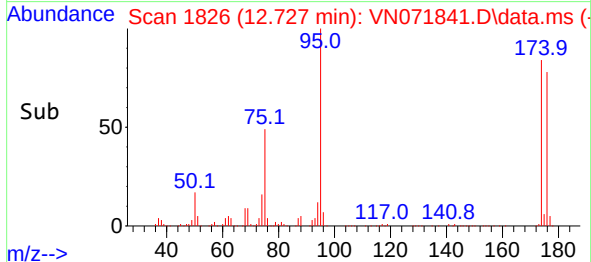
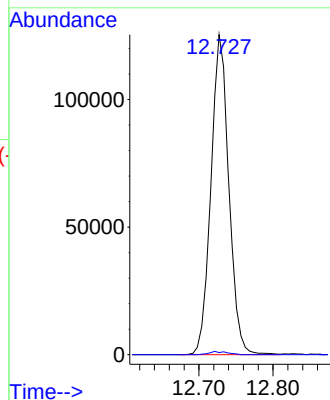
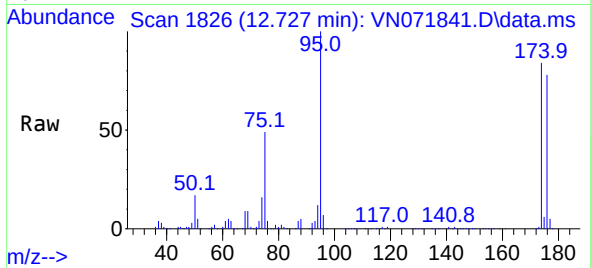




#76
1,2,3-Trichloropropane
Concen: 24.480 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071841.D
Acq: 04 Apr 2022 19:05

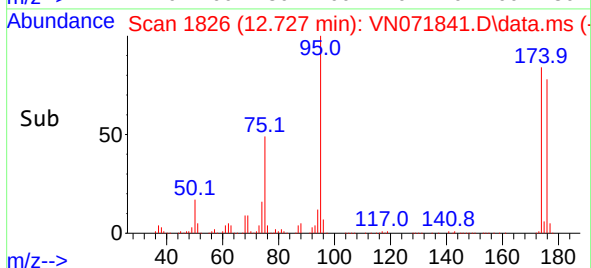
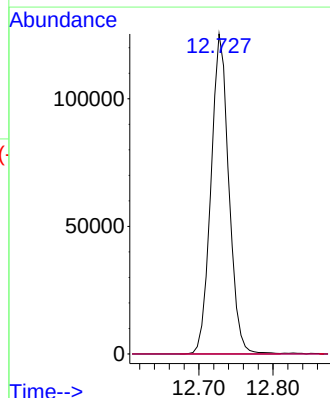
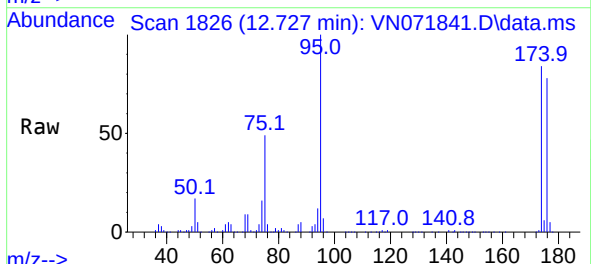
Instrument :
MSVOA_N
ClientSampleId :
MW-40D

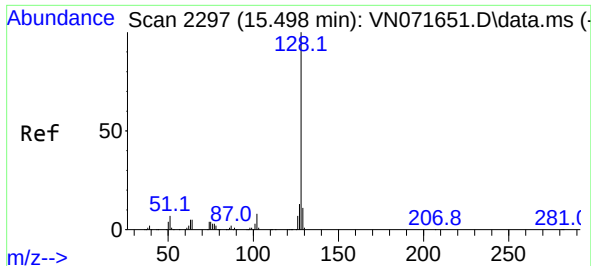
Tgt Ion: 75 Resp: 210315
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.862 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071841.D
Acq: 04 Apr 2022 19:05

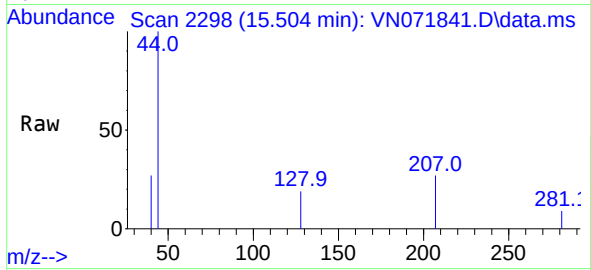
Tgt Ion: 75 Resp: 210315
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
 Naphthalene
 Concen: 3.831 ug/l
 RT: 15.504 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071841.D
 Acq: 04 Apr 2022 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-40D



Tgt Ion:	128	Resp:	510
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

