

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071837.D
 Acq On : 04 Apr 2022 17:29
 Operator : JC\MD
 Sample : N2200-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-28

Quant Time: Apr 05 01:19:47 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	8.087	168	654498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1111049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1084163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	376735	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	368827	49.362	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.720%
35) Dibromofluoromethane	8.022	113	315975	48.330	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.660%
50) Toluene-d8	10.439	98	1386921	51.857	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.727	95	445101	51.458	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.920%

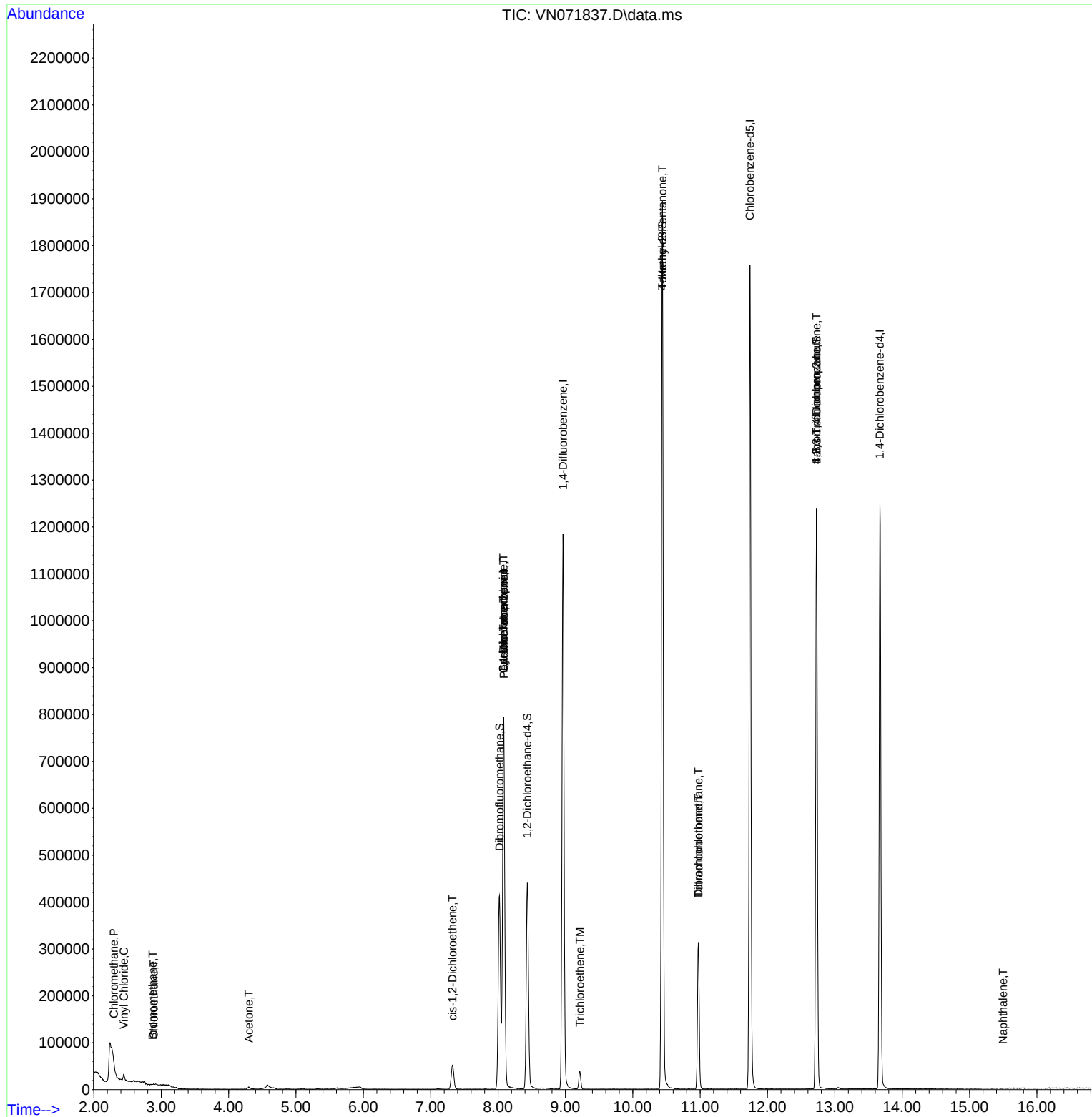
Target Compounds						Qvalue
3) Chloromethane	2.299	50	3073	0.466	ug/l #	73
4) Vinyl Chloride	2.446	62	10192	1.408	ug/l	96
5) Bromomethane	2.875	94	1081	0.230	ug/l	98
6) Chloroethane	2.887	64	1188	0.228	ug/l #	58
16) Acetone	4.299	43	5951	1.864	ug/l	98
18) Methyl Acetate	4.857	43	980	Below Cal	#	73
27) cis-1,2-Dichloroethene	7.322	96	34278	4.713	ug/l	88
31) Cyclohexane	8.081	56	11153	1.098	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	45095	4.939	ug/l #	48
38) Carbon Tetrachloride	8.081	117	58113	6.495	ug/l #	17
44) Trichloroethene	9.216	130	15144	2.038	ug/l	90
51) 4-Methyl-2-Pentanone	10.439	43	4947	0.518	ug/l #	1
60) Dibromochloromethane	10.975	129	71707	9.801	ug/l #	11
64) Tetrachloroethene	10.975	164	78705	10.994	ug/l	96
76) 1,2,3-Trichloropropane	12.727	75	214625	24.592	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	214625	76.210	ug/l #	10
95) Naphthalene	15.498	128	345	3.821	ug/l #	69

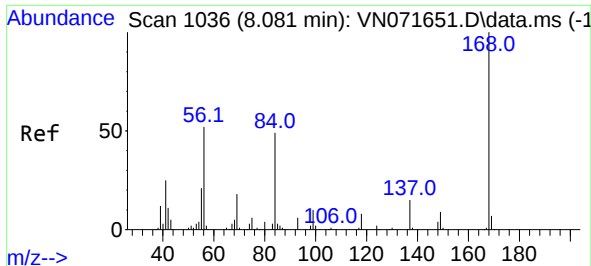
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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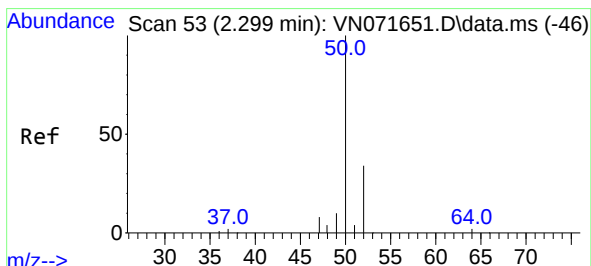
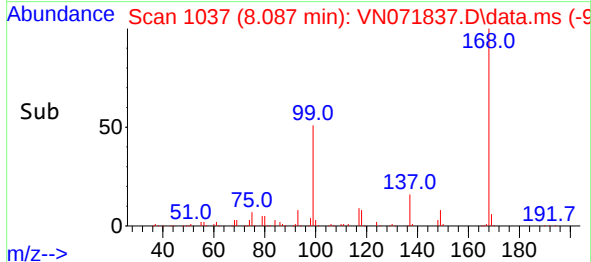
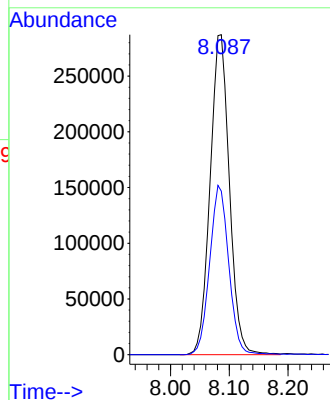
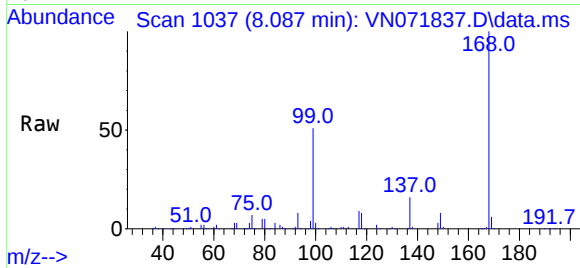




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

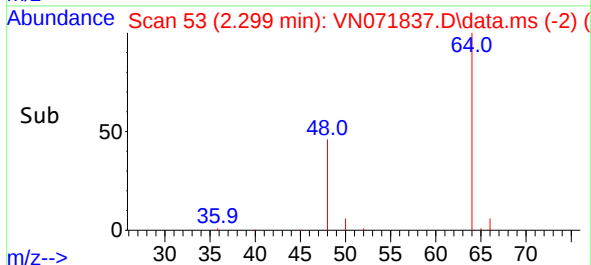
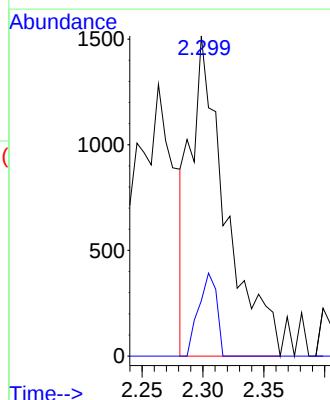
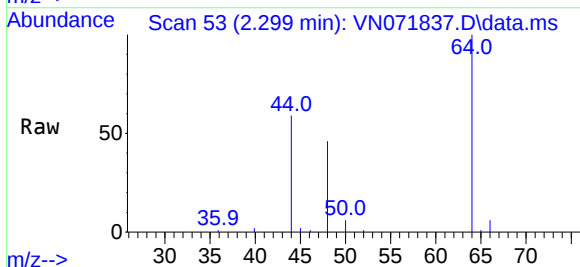
Instrument :
MSVOA_N
ClientSampleId :
MW-28

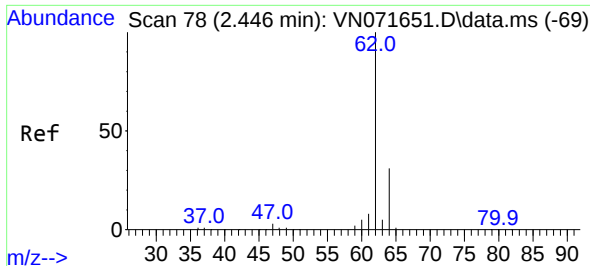
Tgt Ion:168 Resp: 654498
Ion Ratio Lower Upper
168 100
99 51.1 42.3 63.5



#3
Chloromethane
Concen: 0.466 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

Tgt Ion: 50 Resp: 3073
Ion Ratio Lower Upper
50 100
52 17.3 25.7 38.5#

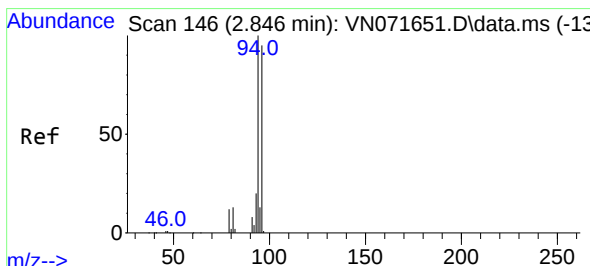
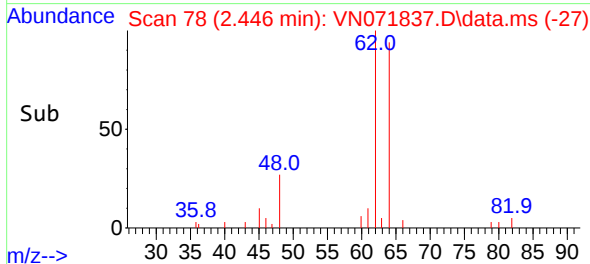
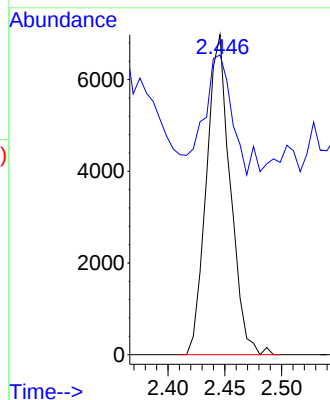
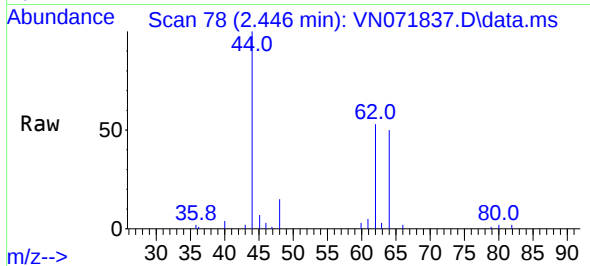




#4
 Vinyl Chloride
 Concen: 1.408 ug/l
 RT: 2.446 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN071837.D
 Acq: 04 Apr 2022 17:29

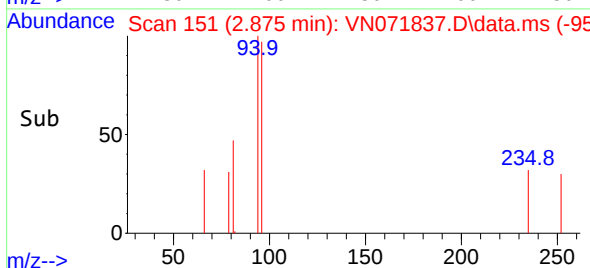
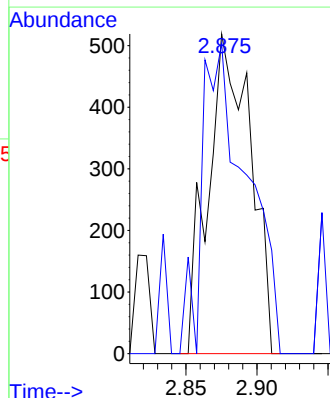
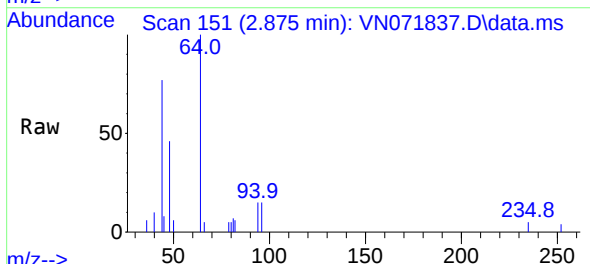
Instrument :
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 ClientSampleId :
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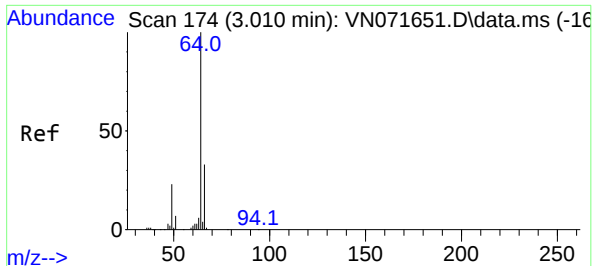
Tgt Ion: 62 Resp: 10192
 Ion Ratio Lower Upper
 62 100
 64 33.6 25.0 37.4



#5
 Bromomethane
 Concen: 0.230 ug/l
 RT: 2.875 min Scan# 151
 Delta R.T. 0.029 min
 Lab File: VN071837.D
 Acq: 04 Apr 2022 17:29

Tgt Ion: 94 Resp: 1081
 Ion Ratio Lower Upper
 94 100
 96 97.1 76.0 114.0

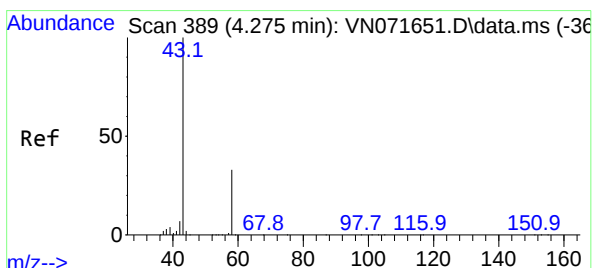
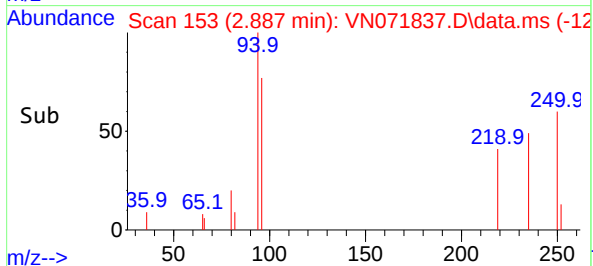
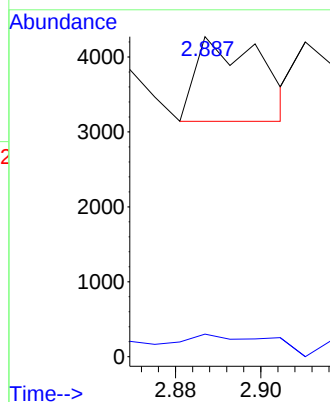
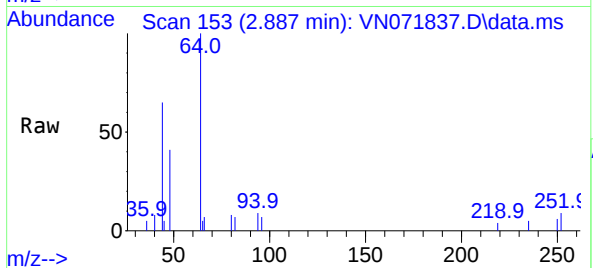




#6
Chloroethane
Concen: 0.228 ug/l
RT: 2.887 min Scan# 11
Delta R.T. -0.123 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

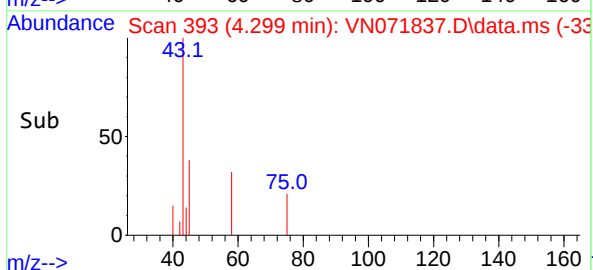
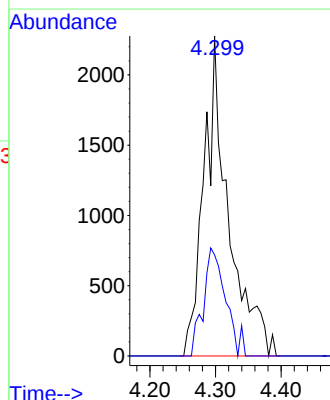
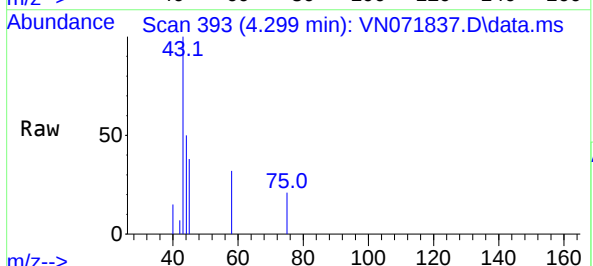
Instrument :
MSVOA_N
ClientSampleId :
MW-28

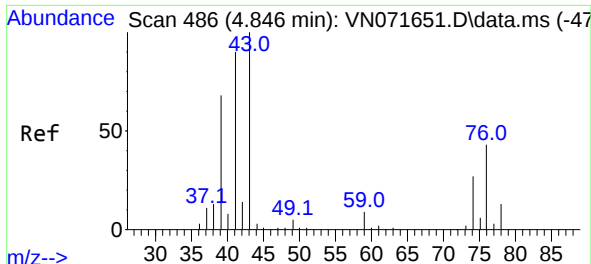
Tgt Ion: 64 Resp: 1188
Ion Ratio Lower Upper
64 100
66 9.3 26.2 39.4#



#16
Acetone
Concen: 1.864 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.024 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

Tgt Ion: 43 Resp: 5951
Ion Ratio Lower Upper
43 100
58 31.6 26.0 39.0

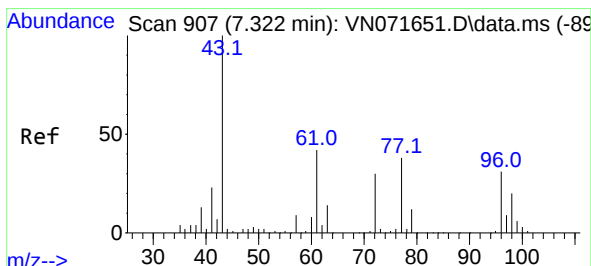
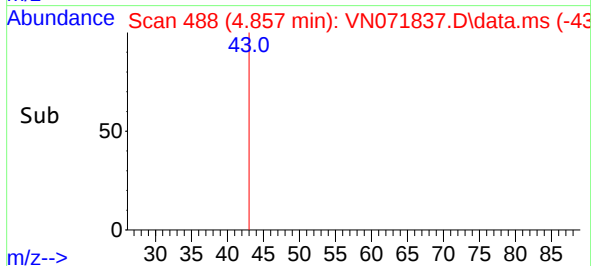
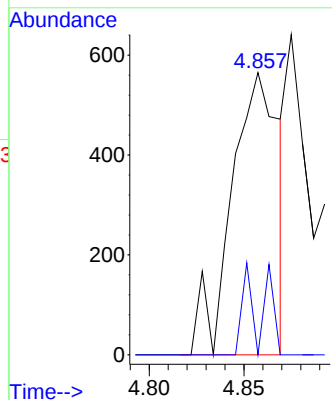
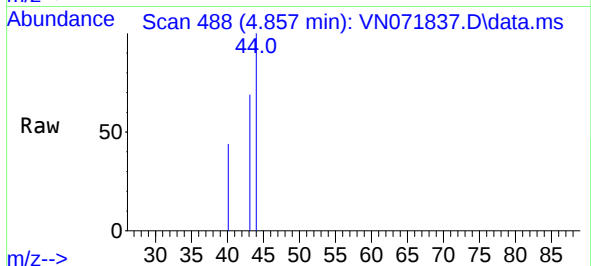




#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

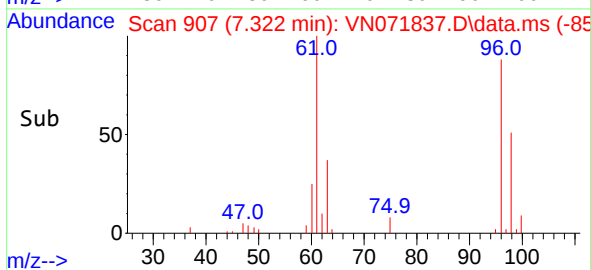
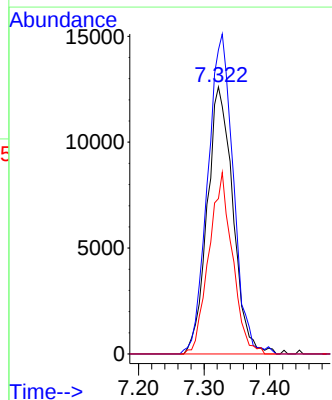
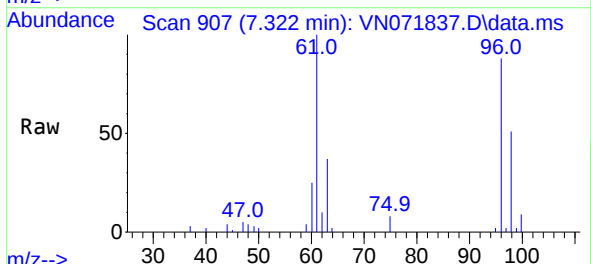
Instrument :
MSVOA_N
ClientSampleId :
MW-28

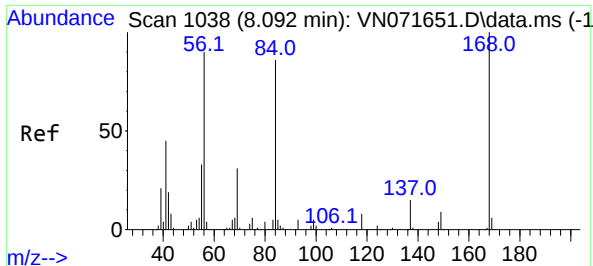
Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
74 13.2 21.6 32.4#



#27
cis-1,2-Dichloroethene
Concen: 4.713 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

Tgt Ion: 96 Resp: 34278
Ion Ratio Lower Upper
96 100
61 119.7 0.0 280.6
98 62.5 0.0 128.4

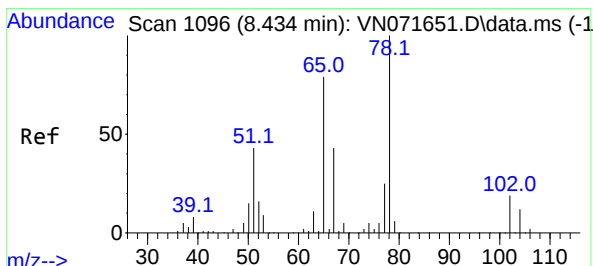
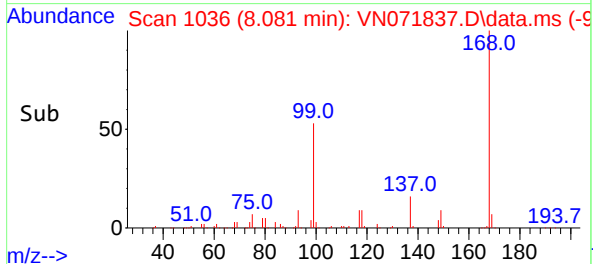
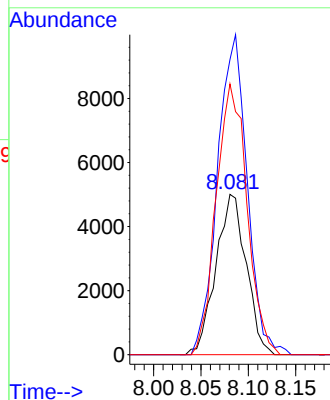
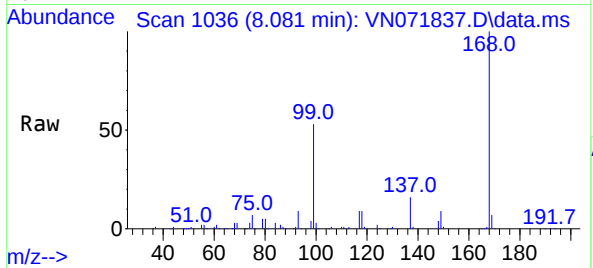




#31
Cyclohexane
Concen: 1.098 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

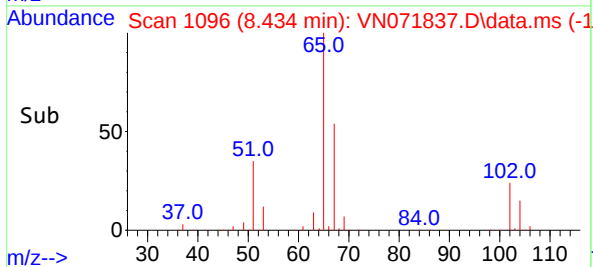
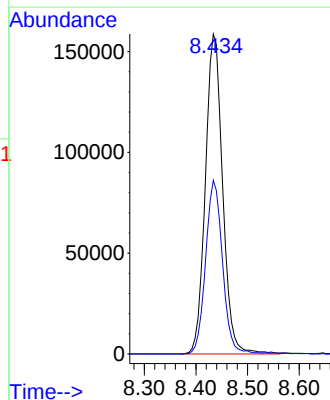
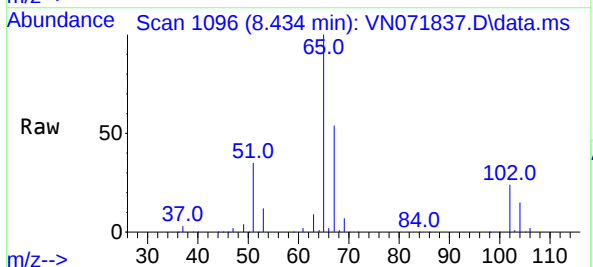
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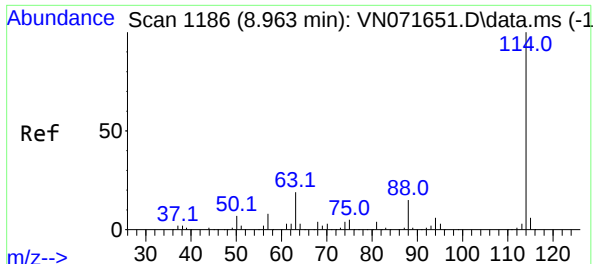
Tgt Ion: 56 Resp: 11153
Ion Ratio Lower Upper
56 100
69 184.0 27.8 41.8#
84 168.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 49.362 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

Tgt Ion: 65 Resp: 368827
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8

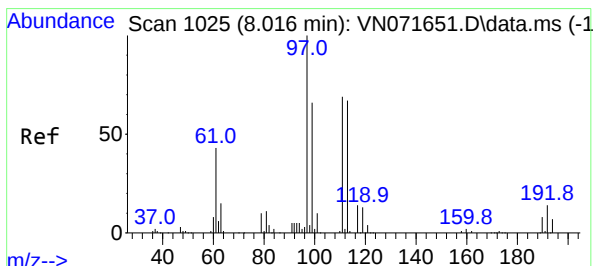
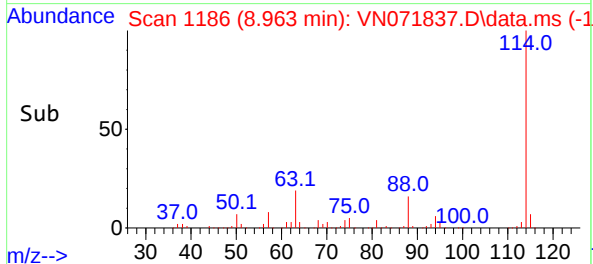
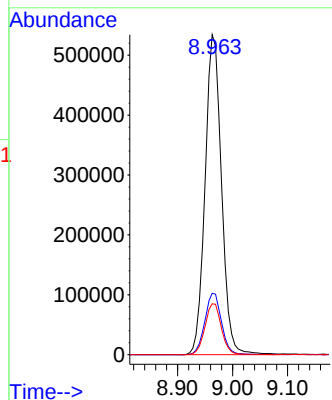
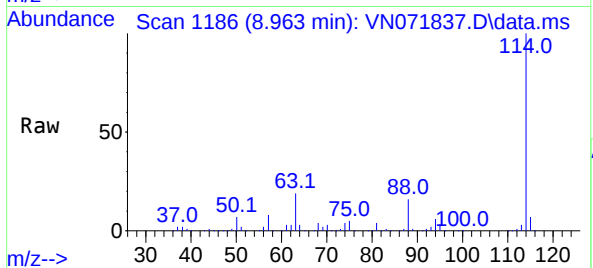




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

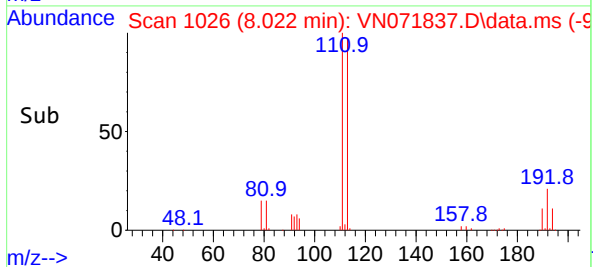
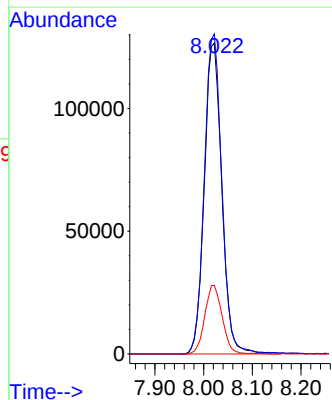
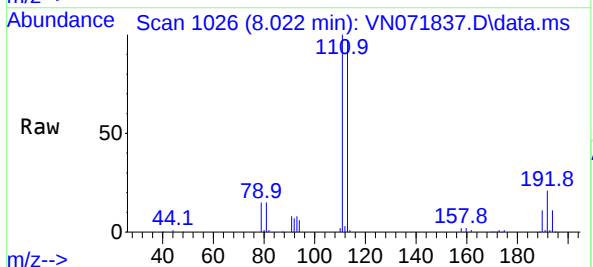
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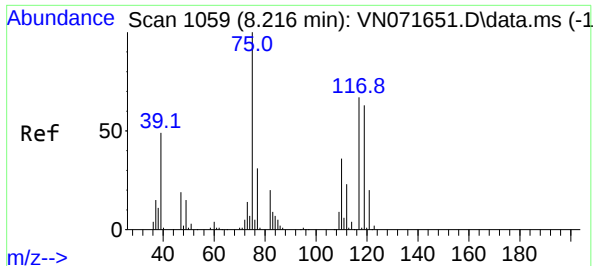
Tgt Ion:114 Resp: 1111049
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.0
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.330 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

Tgt Ion:113 Resp: 315975
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 21.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.939 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071837.D

Acq: 04 Apr 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

MW-28

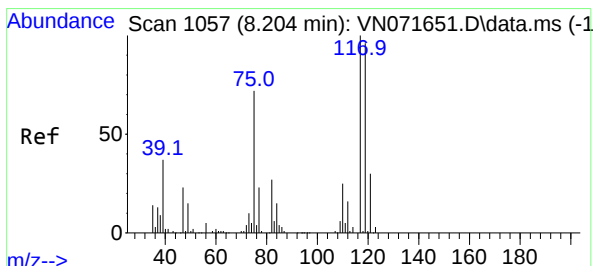
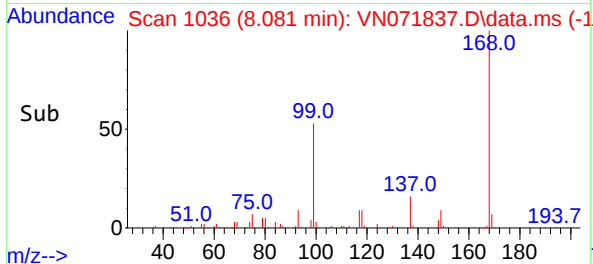
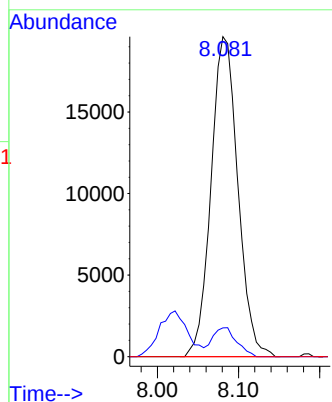
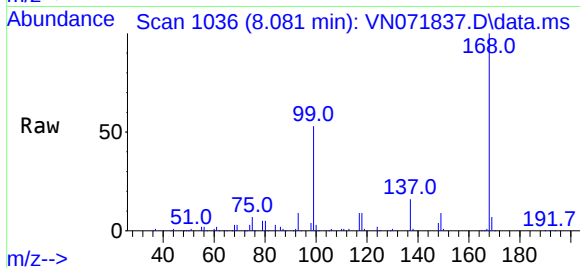
Tgt Ion: 75 Resp: 45095

Ion Ratio Lower Upper

75 100

110 8.2 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.495 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN071837.D

Acq: 04 Apr 2022 17:29

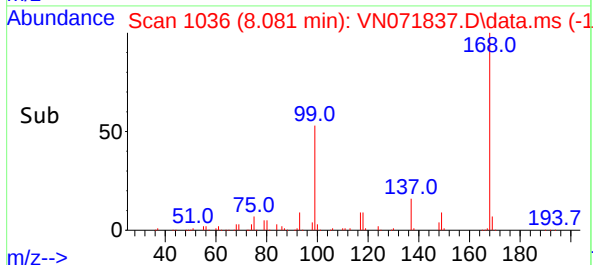
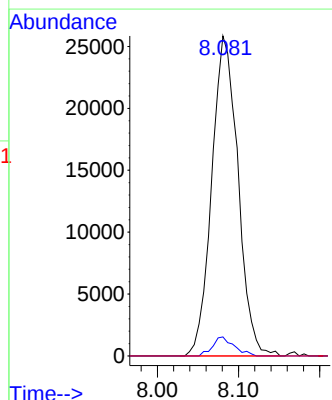
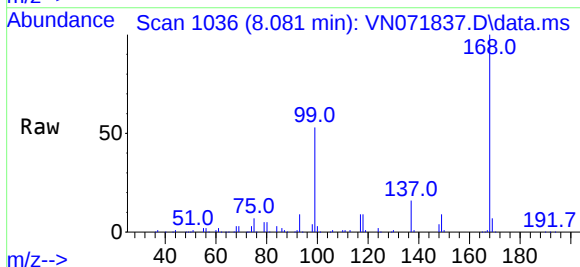
Tgt Ion: 117 Resp: 58113

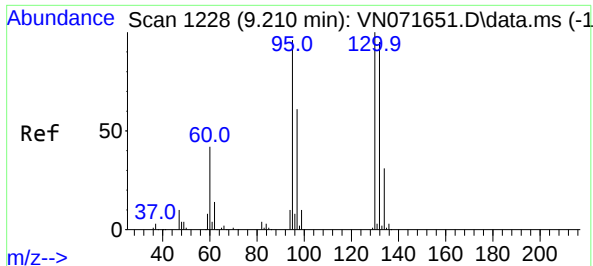
Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.8#

121 0.0 24.6 37.0#

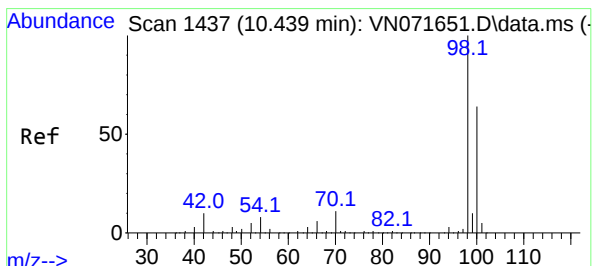
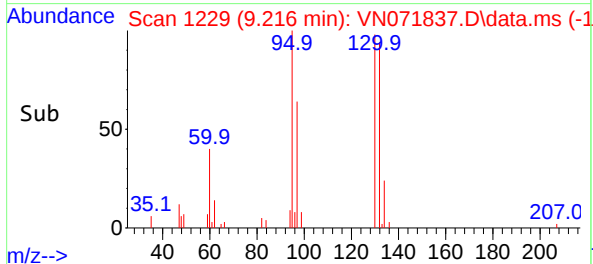
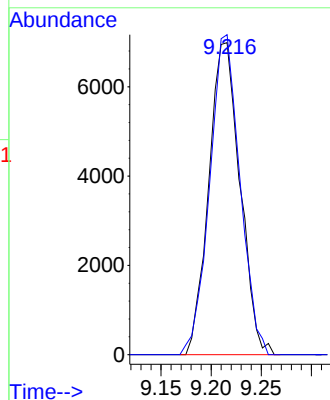
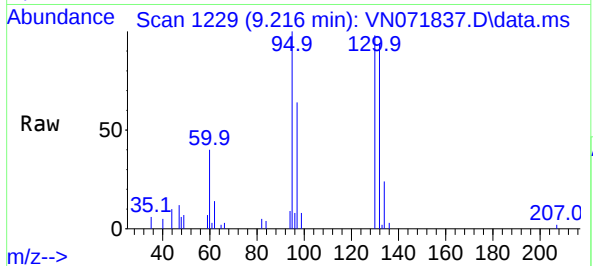




#44
Trichloroethene
Concen: 2.038 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

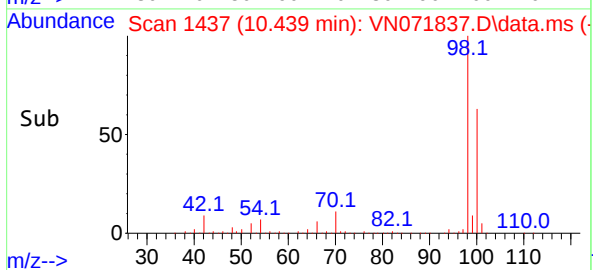
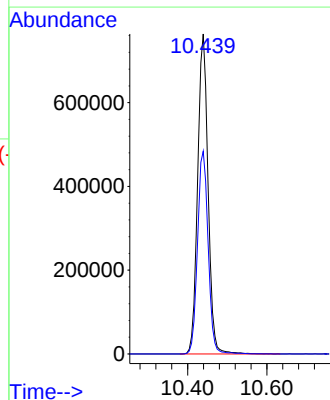
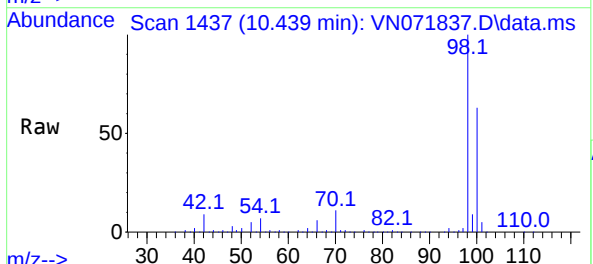
Instrument :
MSVOA_N
ClientSampleId :
MW-28

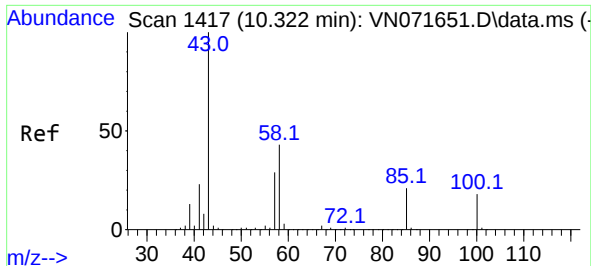
Tgt Ion:130 Resp: 15144
Ion Ratio Lower Upper
130 100
95 102.6 0.0 186.8



#50
Toluene-d8
Concen: 51.857 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

Tgt Ion: 98 Resp: 1386921
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

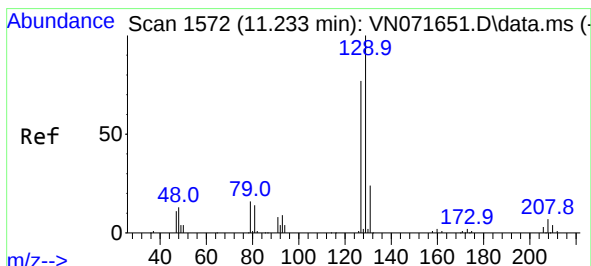
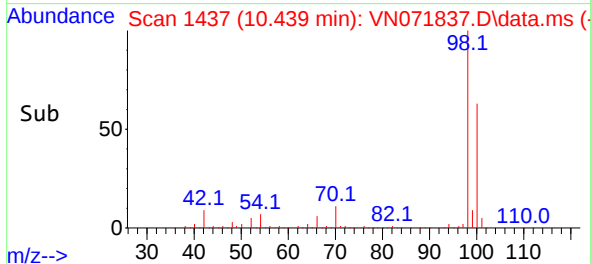
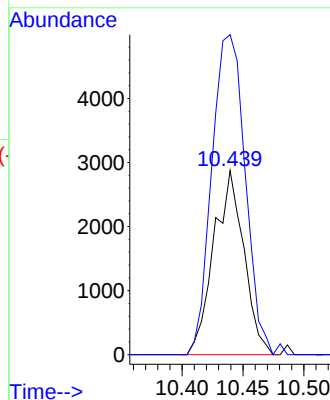
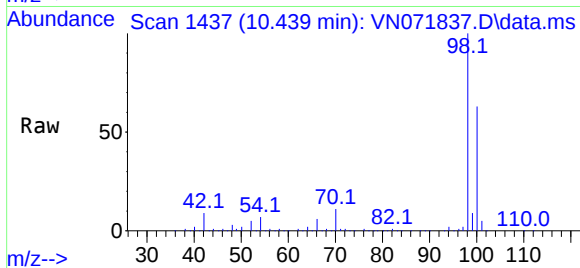




#51
4-Methyl-2-Pentanone
Concen: 0.518 ug/l
RT: 10.439 min Scan# 1417
Delta R.T. 0.117 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

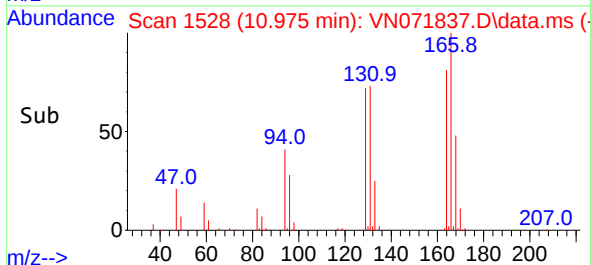
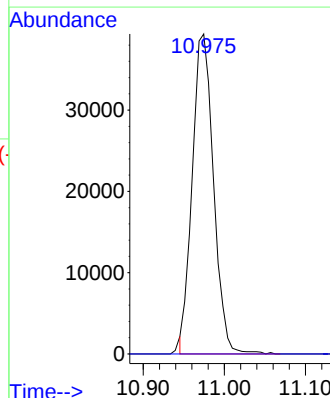
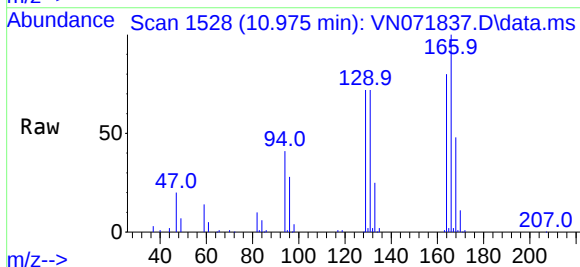
Instrument :
MSVOA_N
ClientSampleId :
MW-28

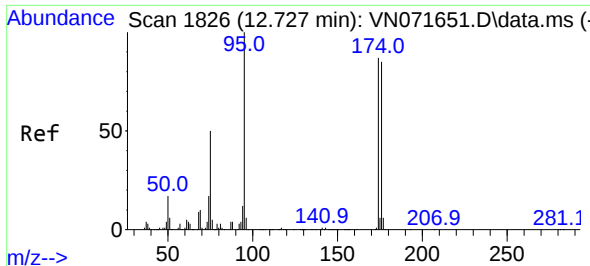
Tgt Ion: 43 Resp: 4947
Ion Ratio Lower Upper
43 100
58 193.7 34.1 51.1#



#60
Dibromochloromethane
Concen: 9.801 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.258 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

Tgt Ion: 129 Resp: 71707
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

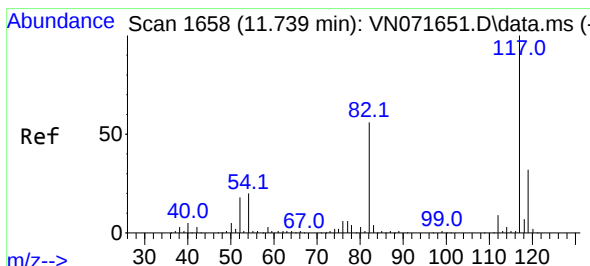
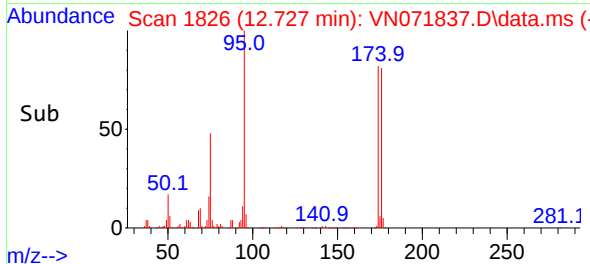
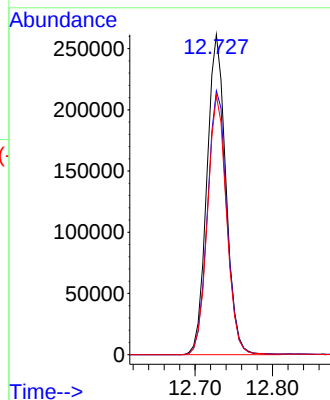
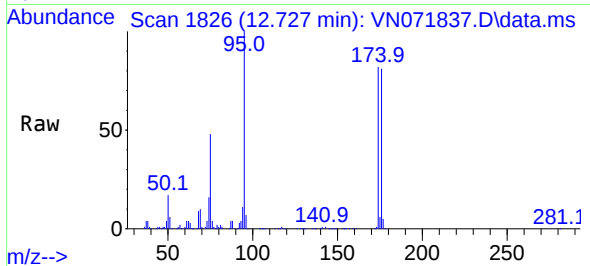




#62
4-Bromofluorobenzene
Concen: 51.458 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

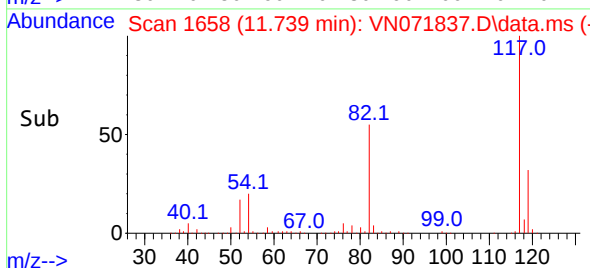
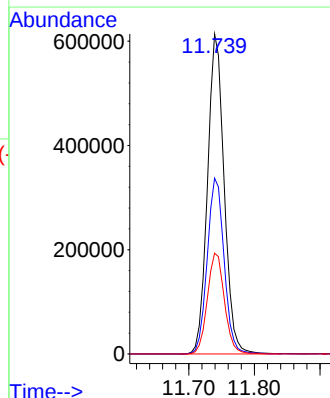
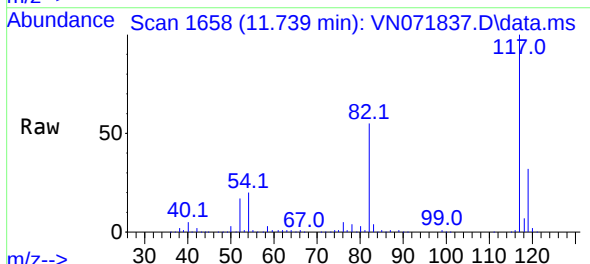
Instrument :
MSVOA_N
ClientSampleId :
MW-28

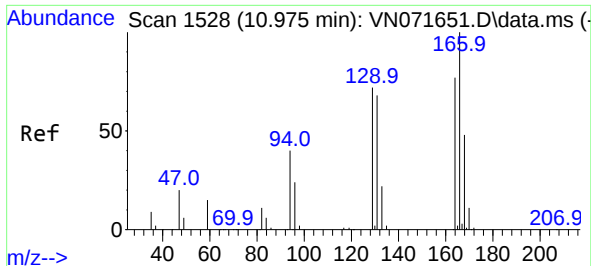
Tgt Ion: 95 Resp: 445101
Ion Ratio Lower Upper
95 100
174 84.1 0.0 167.6
176 81.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

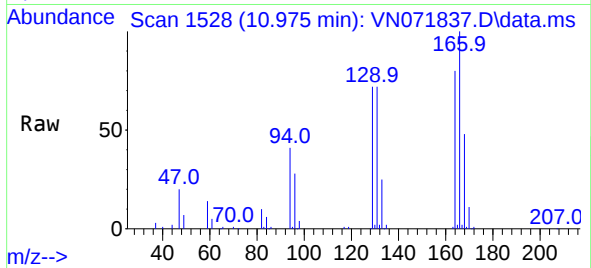
Tgt Ion: 117 Resp: 1084163
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 31.5 25.4 38.0



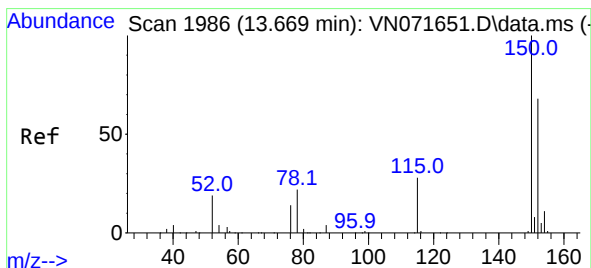
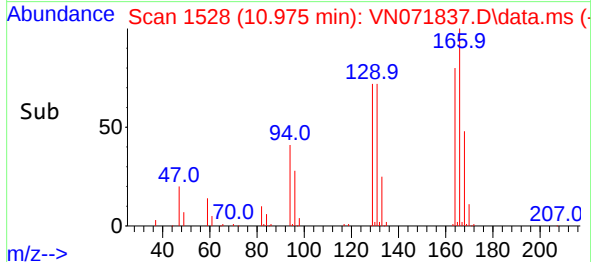
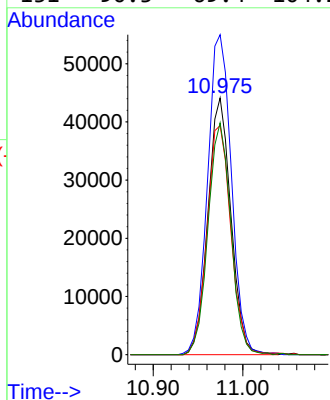


#64
Tetrachloroethene
Concen: 10.994 ug/l
RT: 10.975 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

Instrument :
MSVOA_N
ClientSampleId :
MW-28

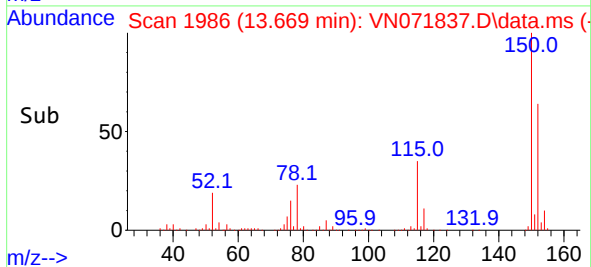
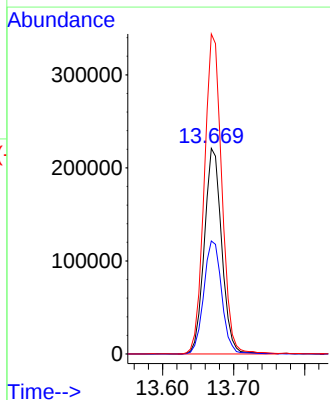
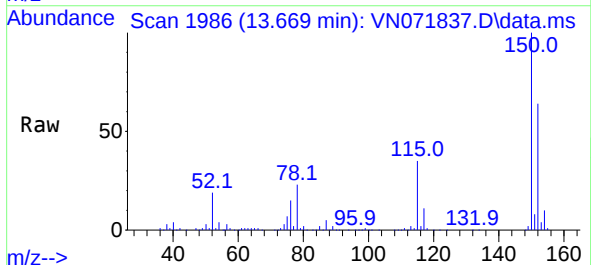


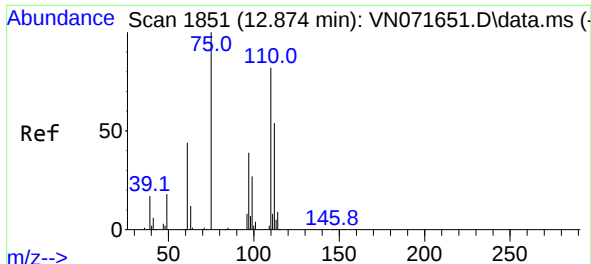
Tgt Ion:164 Resp: 78705
Ion Ratio Lower Upper
164 100
166 124.6 104.2 156.2
129 89.2 73.9 110.9
131 90.3 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

Tgt Ion:152 Resp: 376735
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.7
150 156.5 0.0 356.2

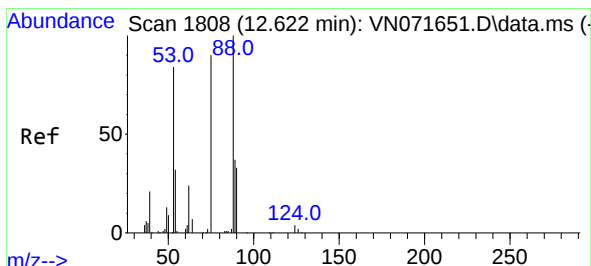
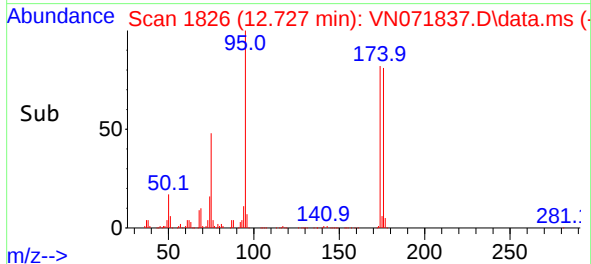
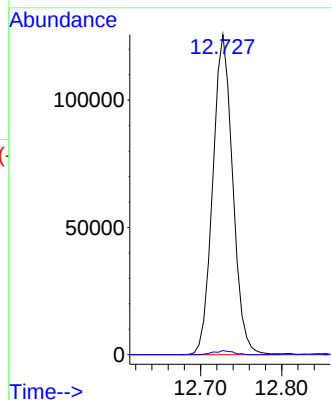
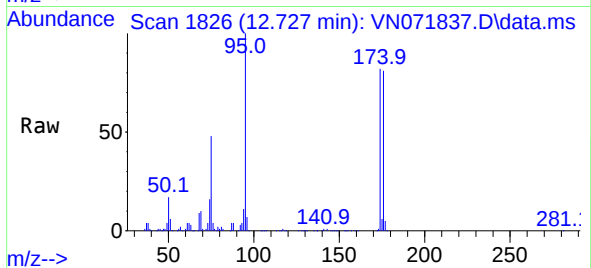




#76
1,2,3-Trichloropropane
Concen: 24.592 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

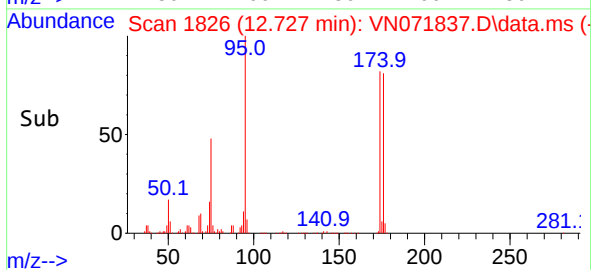
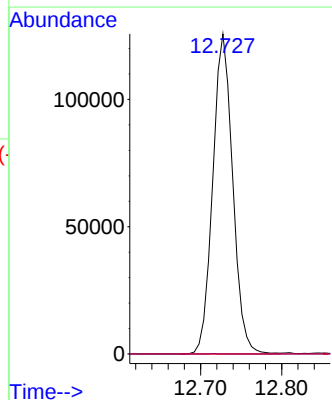
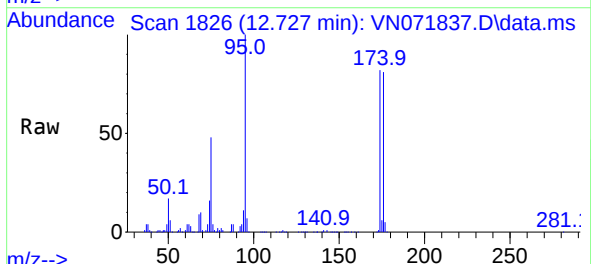
Instrument :
MSVOA_N
ClientSampleId :
MW-28

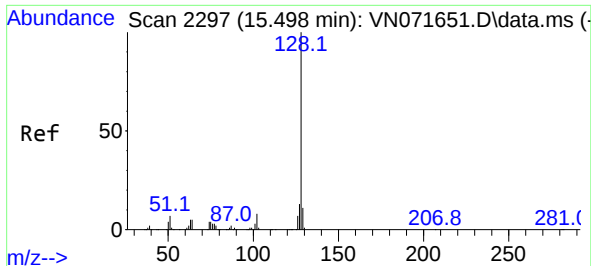
Tgt Ion: 75 Resp: 214625
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.210 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071837.D
Acq: 04 Apr 2022 17:29

Tgt Ion: 75 Resp: 214625
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95

Naphthalene

Concen: 3.821 ug/l

RT: 15.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN071837.D

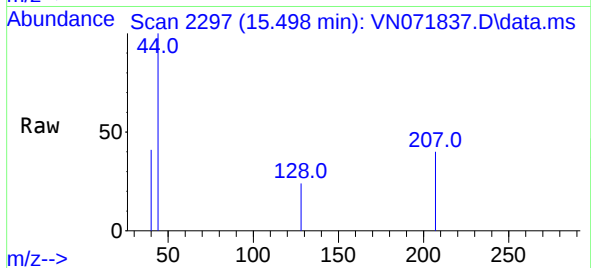
Acq: 04 Apr 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

MW-28



Tgt Ion:	128	Resp:	345
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

