

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071788.D
 Acq On : 02 Apr 2022 06:11
 Operator : JC\MD
 Sample : N2200-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30D

Quant Time: Apr 02 07:14:51 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	623701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1074879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1078090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	383249	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	360802	50.672	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.340%
35) Dibromofluoromethane	8.022	113	306409	48.444	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.880%
50) Toluene-d8	10.439	98	1342517	51.886	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.780%
62) 4-Bromofluorobenzene	12.727	95	432019	51.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.260%

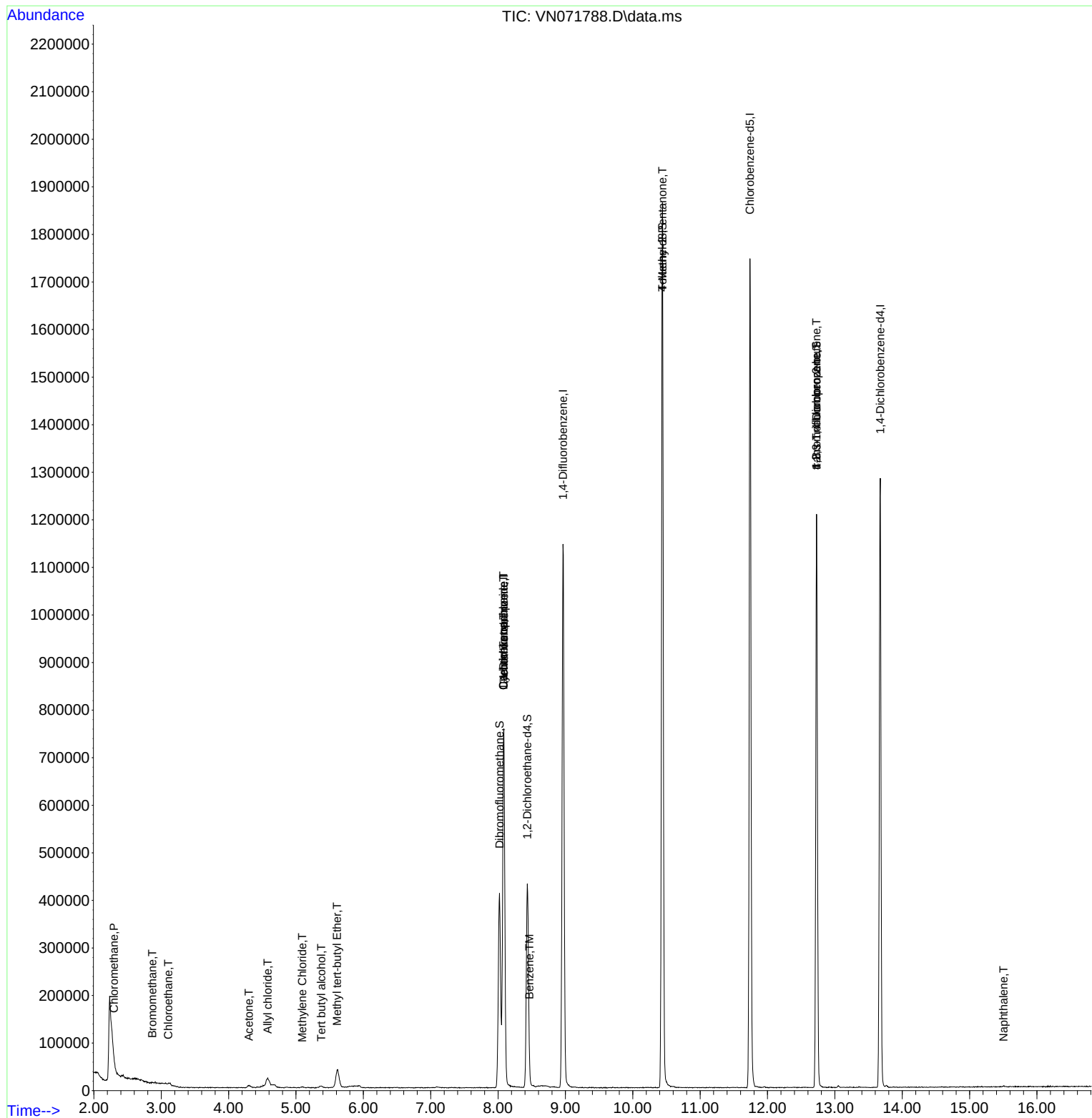
Target Compounds					Qvalue	
3) Chloromethane	2.299	50	2509	0.399	ug/l #	74
5) Bromomethane	2.869	94	1172	0.261	ug/l #	47
6) Chloroethane	3.105	64	10897	2.195	ug/l #	52
11) Tert butyl alcohol	5.375	59	7130	6.170	ug/l #	72
14) Allyl chloride	4.581	41	2750	0.329	ug/l #	64
16) Acetone	4.299	43	5925	1.947	ug/l	98
18) Methyl Acetate	4.851	43	1998	Below Cal	#	69
19) Methyl tert-butyl Ether	5.610	73	65289	3.414	ug/l	96
20) Methylene Chloride	5.093	84	1444	0.225	ug/l #	64
31) Cyclohexane	8.081	56	10966	1.132	ug/l #	3
36) 1,1-Dichloropropene	8.081	75	43513	4.926	ug/l #	48
38) Carbon Tetrachloride	8.081	117	55514	6.413	ug/l #	17
40) Benzene	8.463	78	5800	0.208	ug/l	93
51) 4-Methyl-2-Pentanone	10.439	43	4468	0.483	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	208996	23.540	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	208996	72.950	ug/l #	10
95) Naphthalene	15.504	128	2078	3.913	ug/l #	82

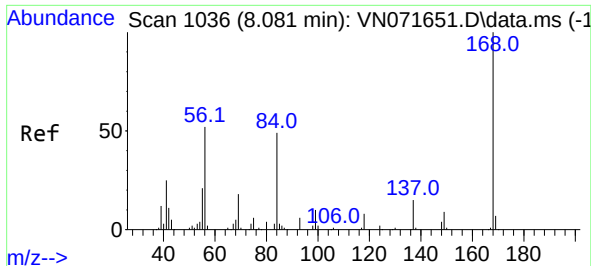
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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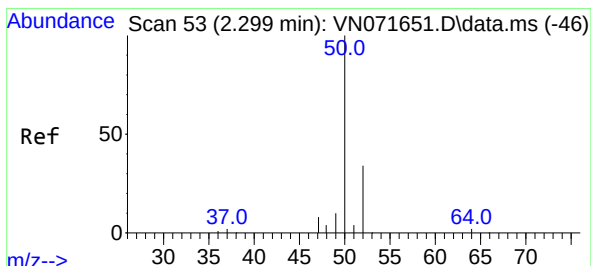
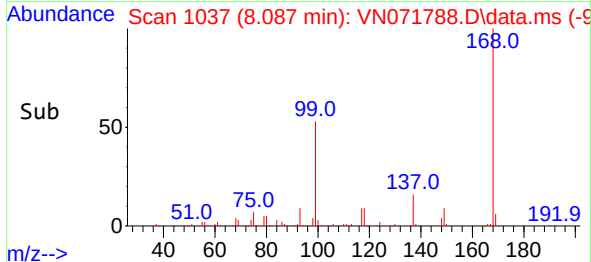
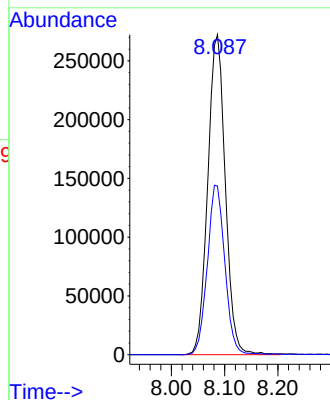
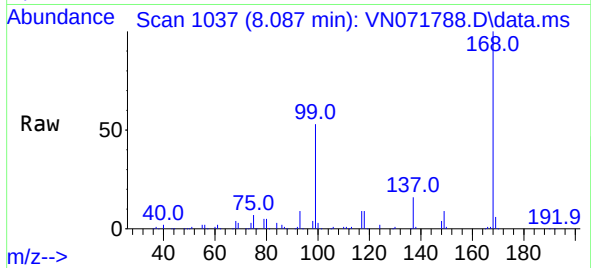




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

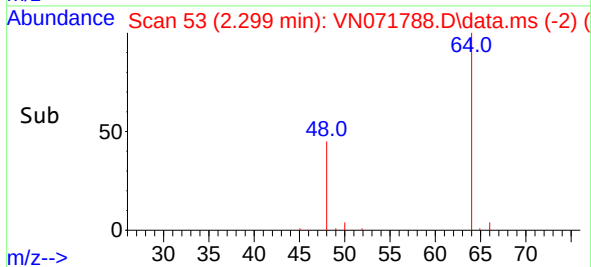
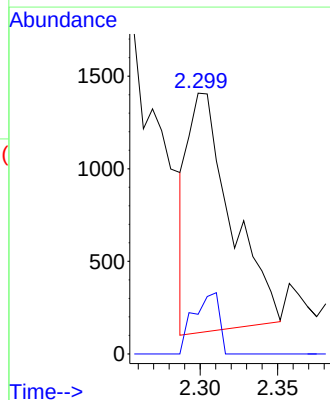
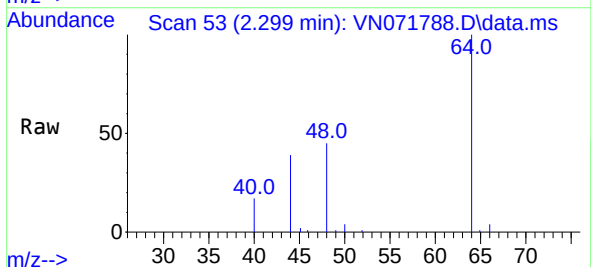
Instrument :
MSVOA_N
ClientSampleId :
MW-30D

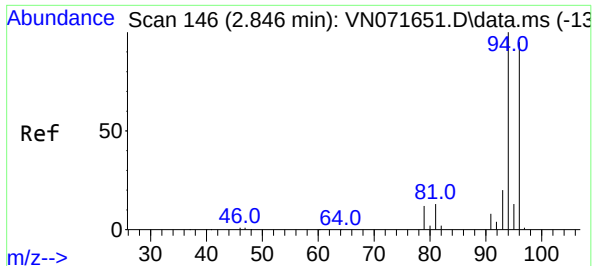
Tgt Ion:168 Resp: 623701
Ion Ratio Lower Upper
168 100
99 52.7 42.3 63.5



#3
Chloromethane
Concen: 0.399 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

Tgt Ion: 50 Resp: 2509
Ion Ratio Lower Upper
50 100
52 17.4 25.7 38.5#

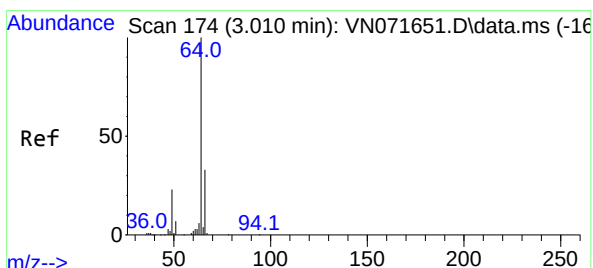
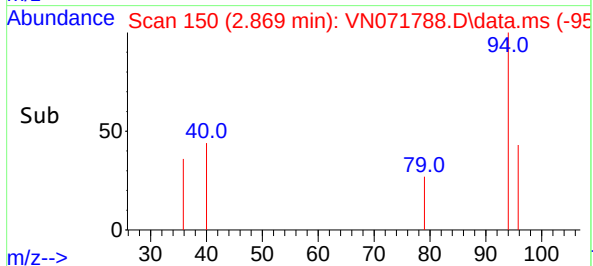
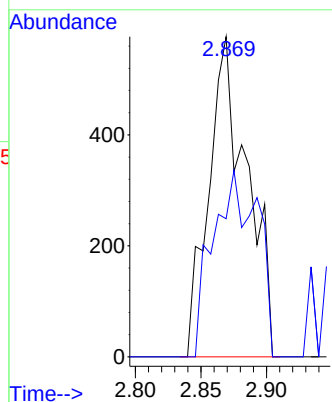
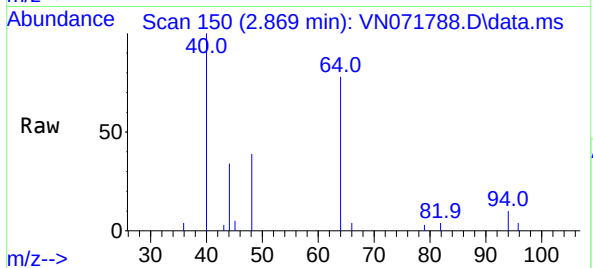




#5
Bromomethane
Concen: 0.261 ug/l
RT: 2.869 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

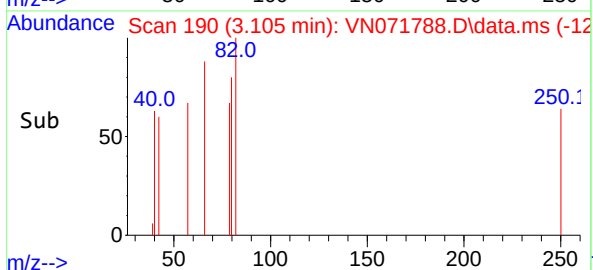
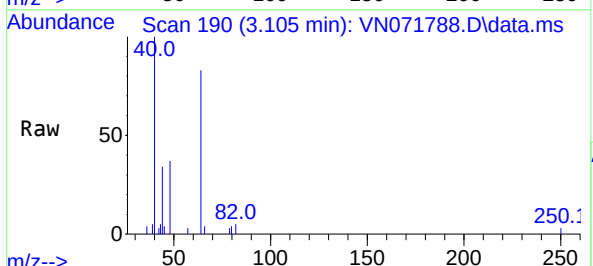
Instrument :
MSVOA_N
ClientSampleId :
MW-30D

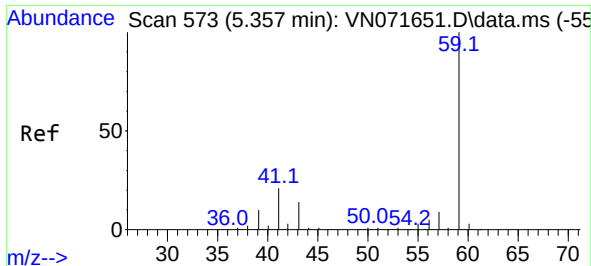
Tgt Ion: 94 Resp: 1172
Ion Ratio Lower Upper
94 100
96 43.2 76.0 114.0#



#6
Chloroethane
Concen: 2.195 ug/l
RT: 3.105 min Scan# 190
Delta R.T. 0.095 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

Tgt Ion: 64 Resp: 10897
Ion Ratio Lower Upper
64 100
66 5.7 26.2 39.4#





#11

Tert butyl alcohol

Concen: 6.170 ug/l

RT: 5.375 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN071788.D

Acq: 02 Apr 2022 06:11

Instrument :

MSVOA_N

ClientSampleId :

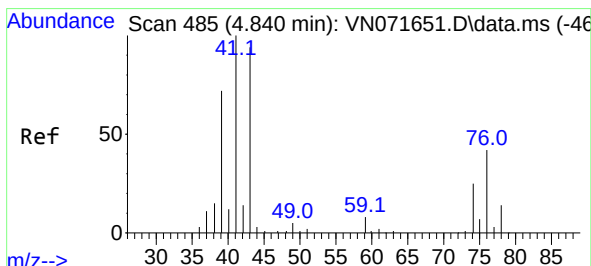
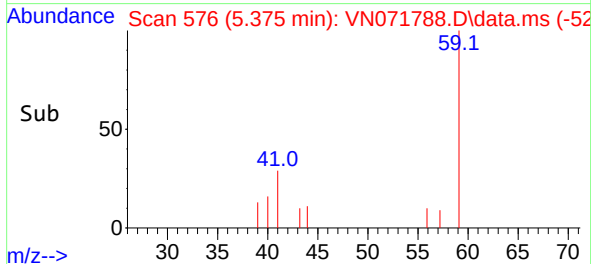
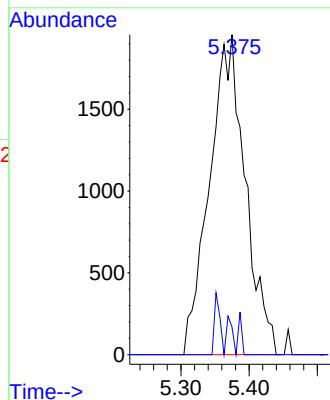
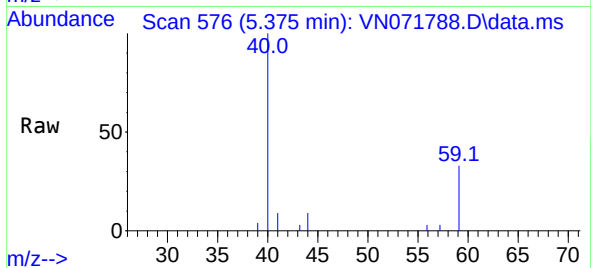
MW-30D

Tgt Ion: 59 Resp: 7130

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.329 ug/l

RT: 4.581 min Scan# 441

Delta R.T. -0.259 min

Lab File: VN071788.D

Acq: 02 Apr 2022 06:11

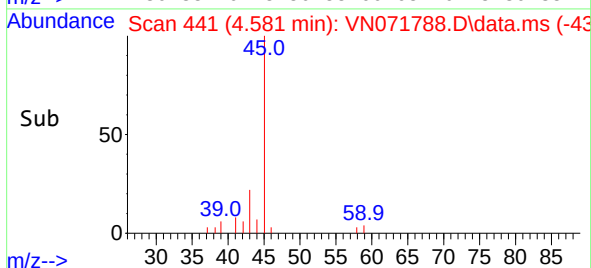
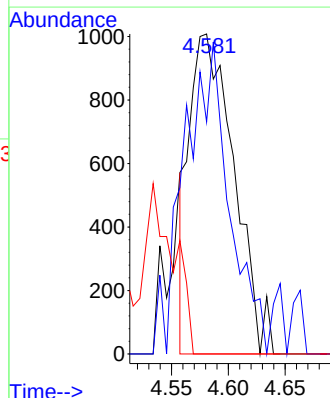
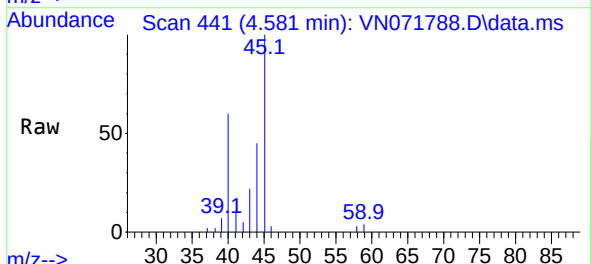
Tgt Ion: 41 Resp: 2750

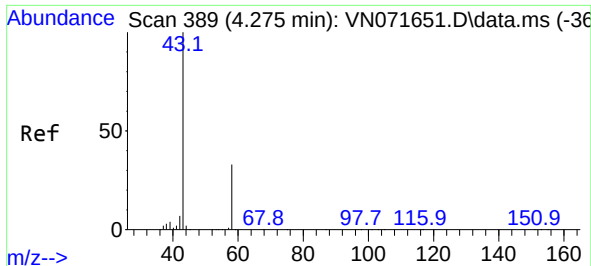
Ion Ratio Lower Upper

41 100

39 83.1 53.2 79.8#

76 0.0 29.9 44.9#

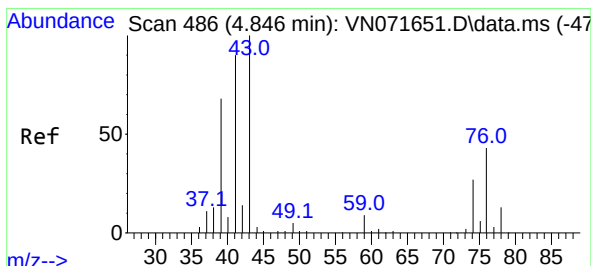
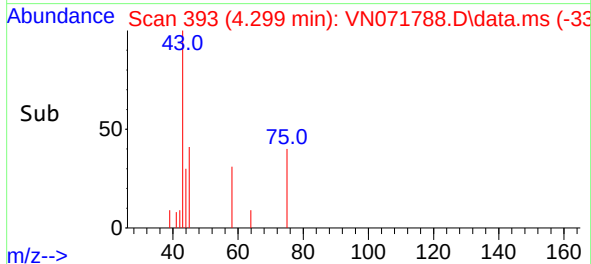
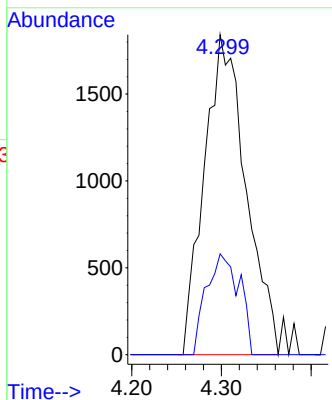
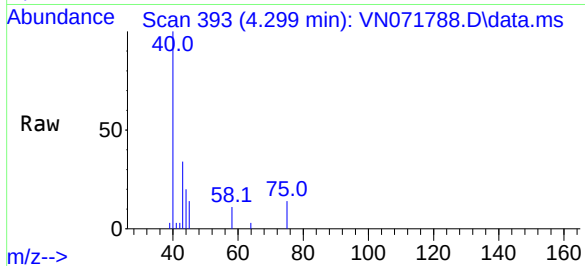




#16
Acetone
Concen: 1.947 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.024 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

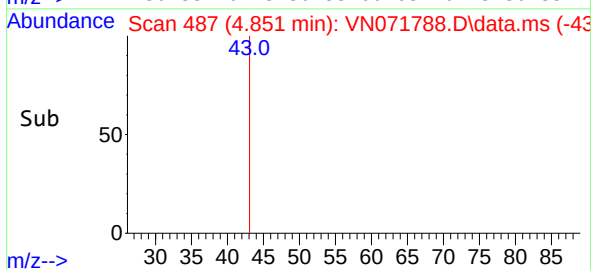
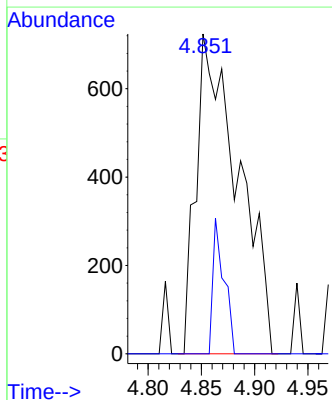
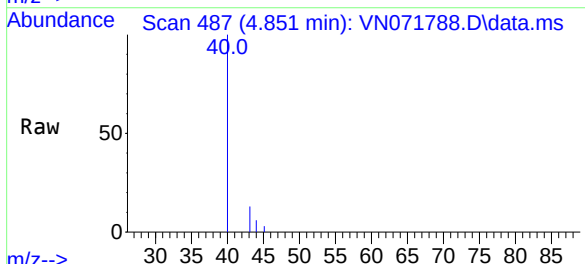
Instrument :
MSVOA_N
ClientSampleId :
MW-30D

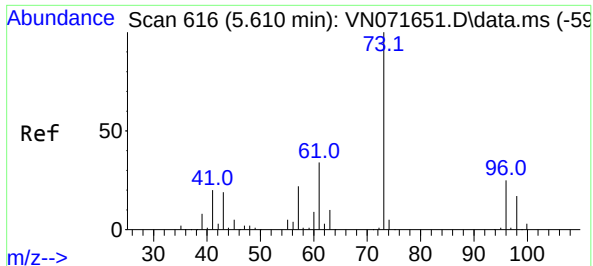
Tgt Ion: 43 Resp: 5925
Ion Ratio Lower Upper
43 100
58 31.5 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

Tgt Ion: 43 Resp: 1998
Ion Ratio Lower Upper
43 100
74 11.2 21.6 32.4#

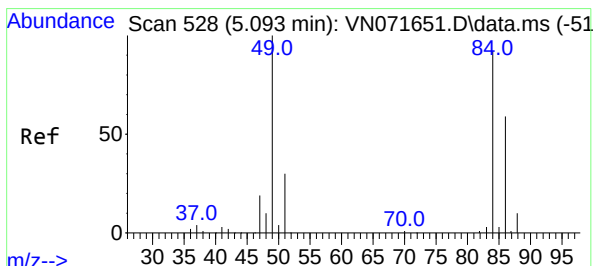
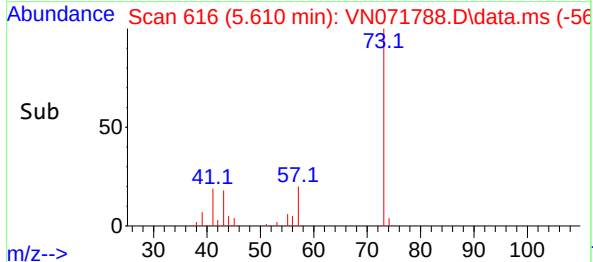
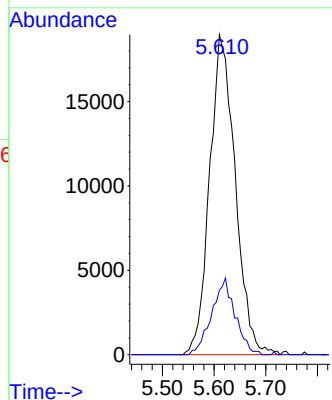
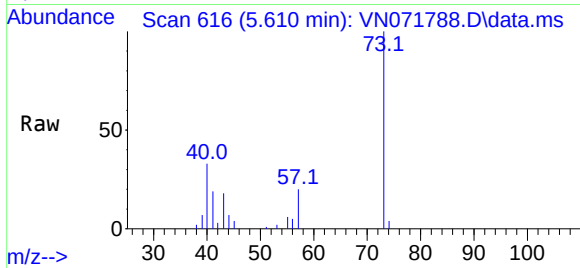




#19
Methyl tert-butyl Ether
Concen: 3.414 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

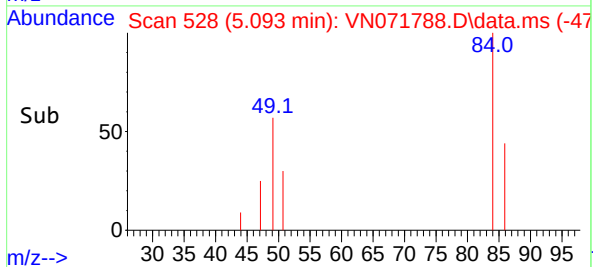
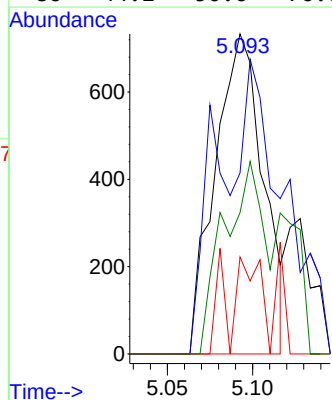
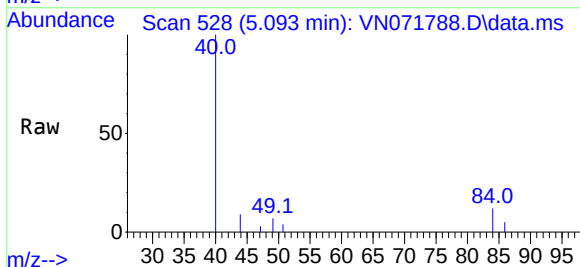
Instrument :
MSVOA_N
ClientSampleId :
MW-30D

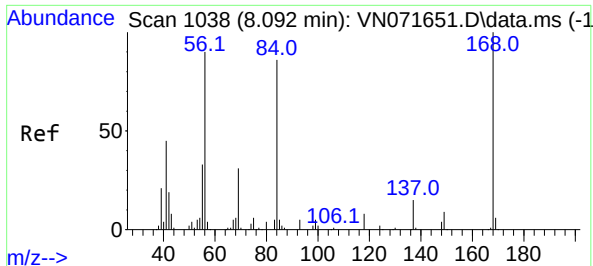
Tgt Ion: 73 Resp: 65289
Ion Ratio Lower Upper
73 100
57 20.1 17.6 26.4



#20
Methylene Chloride
Concen: 0.225 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

Tgt Ion: 84 Resp: 1444
Ion Ratio Lower Upper
84 100
49 56.6 88.3 132.5#
51 30.3 28.2 42.2
86 44.2 50.6 76.0#

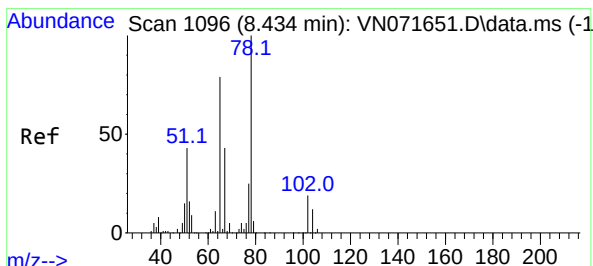
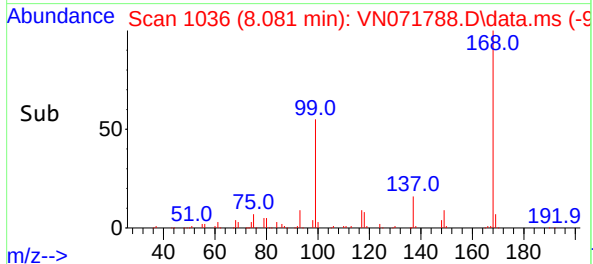
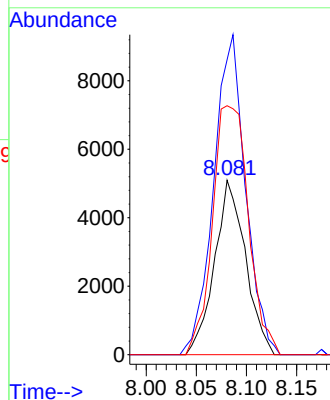
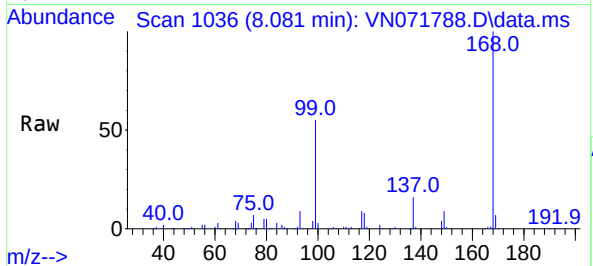




#31
Cyclohexane
Concen: 1.132 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

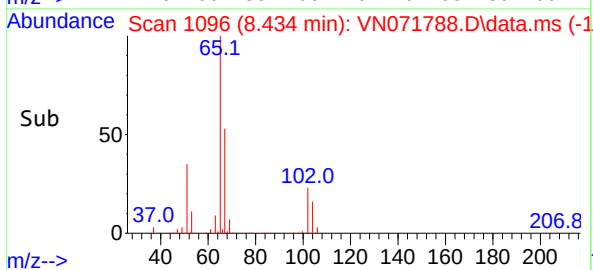
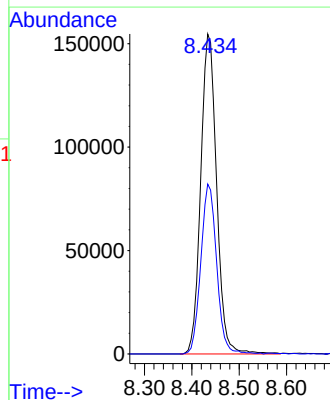
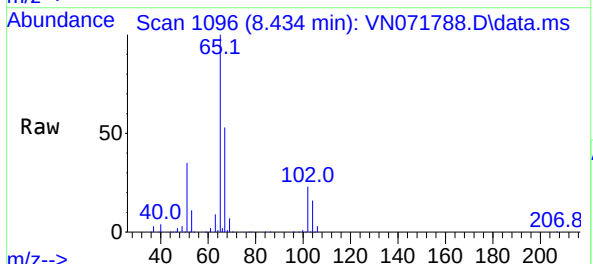
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MW-30D

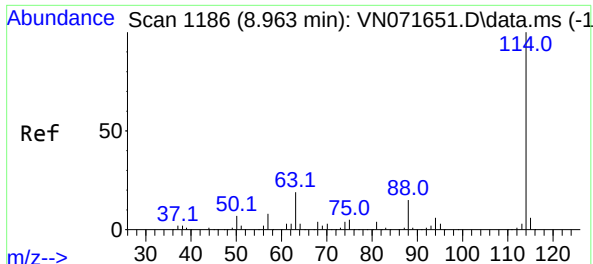
Tgt Ion: 56 Resp: 10966
Ion Ratio Lower Upper
56 100
69 169.2 27.8 41.8#
84 142.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 50.672 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

Tgt Ion: 65 Resp: 360802
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8

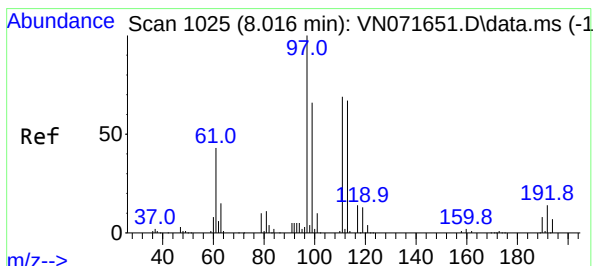
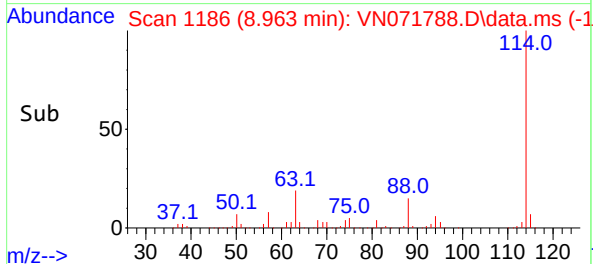
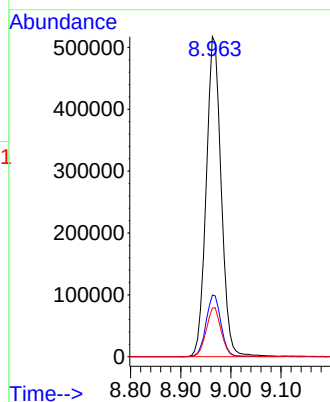
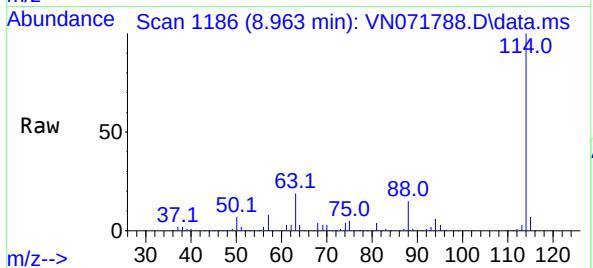




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

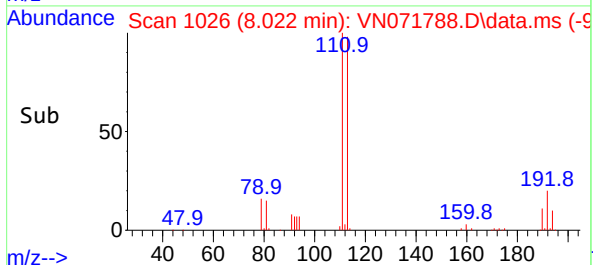
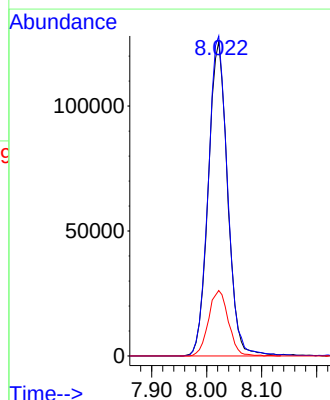
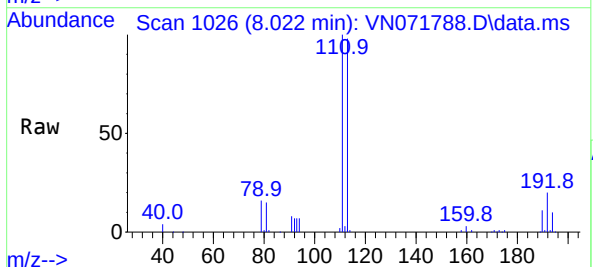
Instrument :
MSVOA_N
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MW-30D

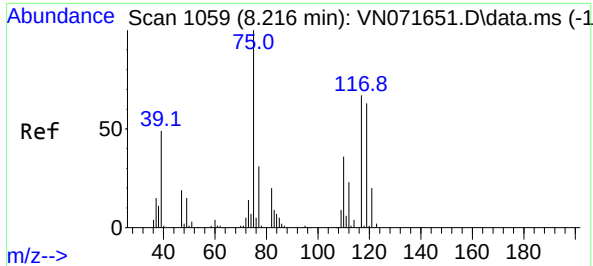
Tgt Ion:114 Resp: 1074879
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.444 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

Tgt Ion:113 Resp: 306409
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 21.4 17.0 25.6

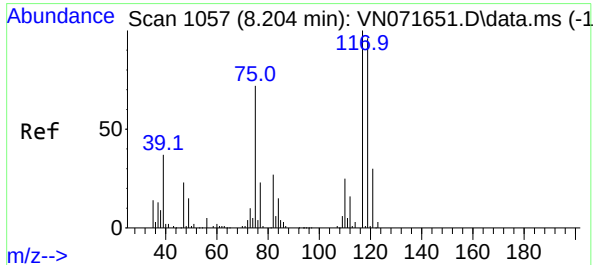
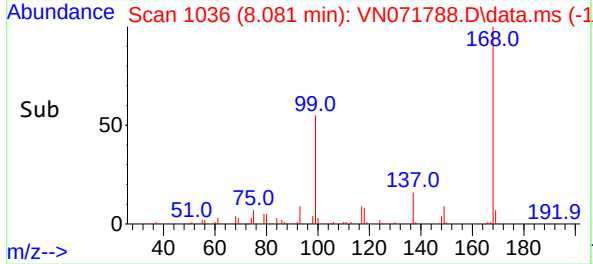
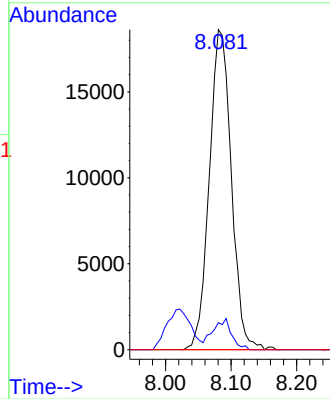
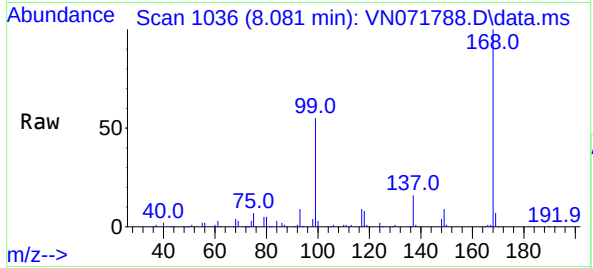




#36
1,1-Dichloropropene
Concen: 4.926 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

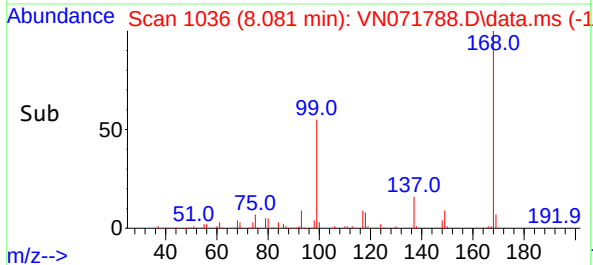
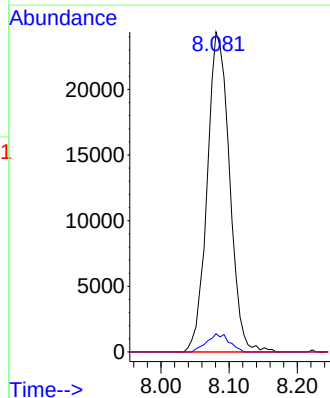
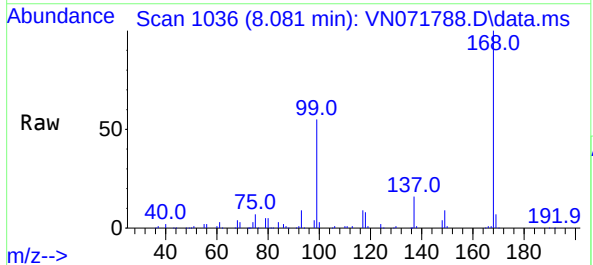
Instrument :
MSVOA_N
ClientSampleId :
MW-30D

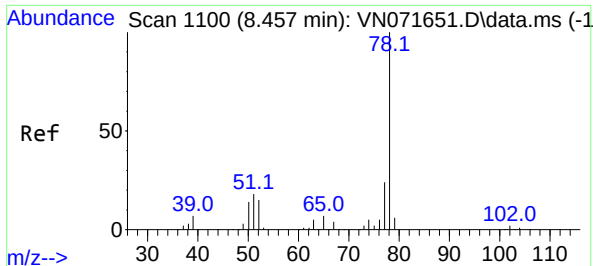
Tgt Ion: 75 Resp: 43513
Ion Ratio Lower Upper
75 100
110 8.2 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.413 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

Tgt Ion: 117 Resp: 55514
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#

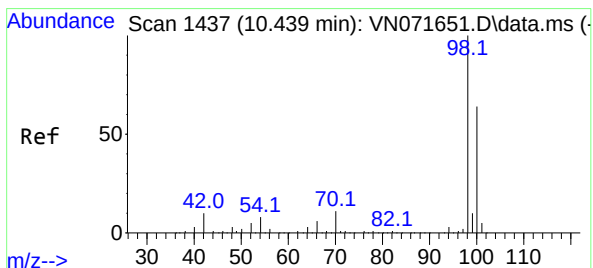
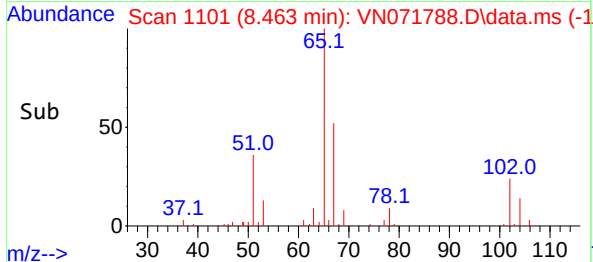
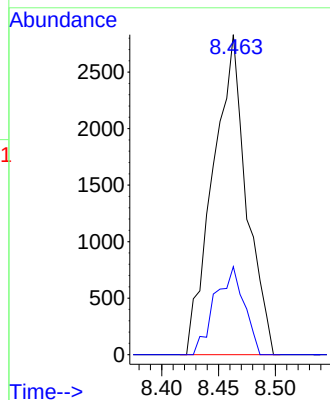
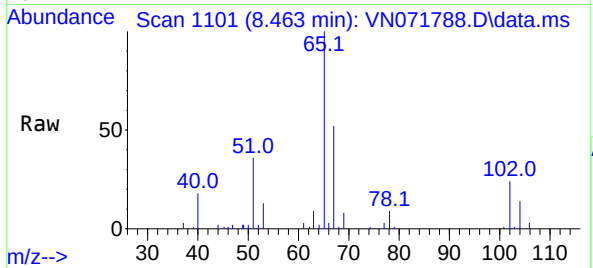




#40
Benzene
Concen: 0.208 ug/l
RT: 8.463 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

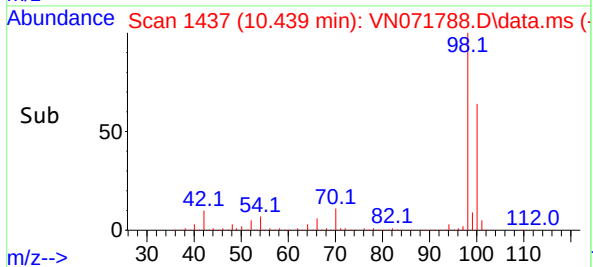
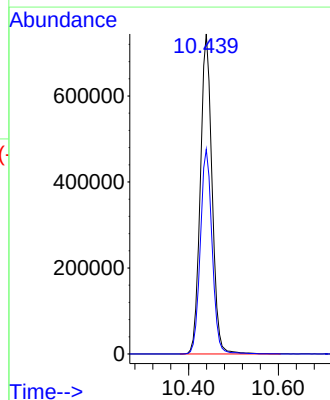
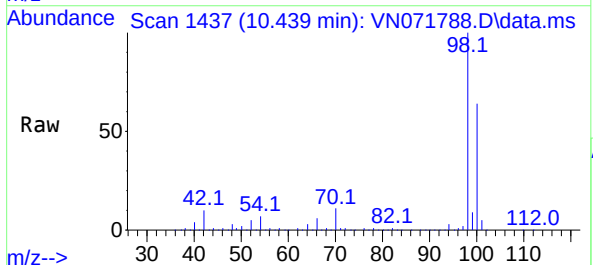
Instrument :
MSVOA_N
ClientSampleId :
MW-30D

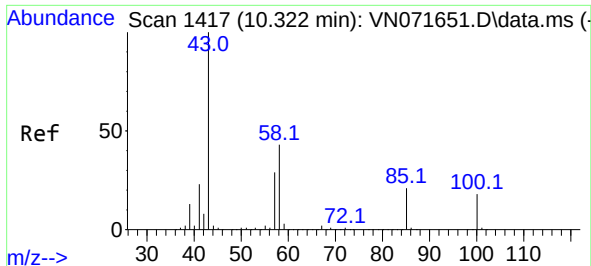
Tgt Ion: 78 Resp: 5800
Ion Ratio Lower Upper
78 100
77 27.5 19.4 29.0



#50
Toluene-d8
Concen: 51.886 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

Tgt Ion: 98 Resp: 1342517
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

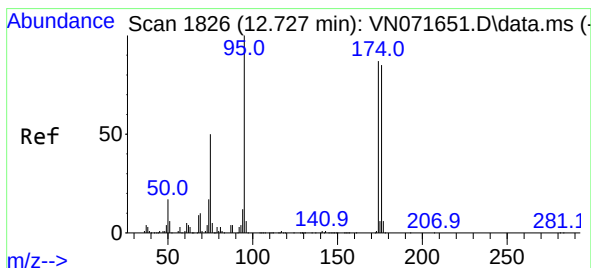
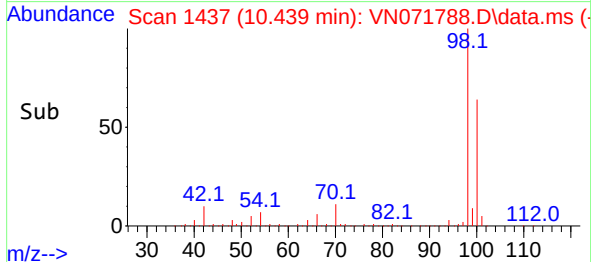
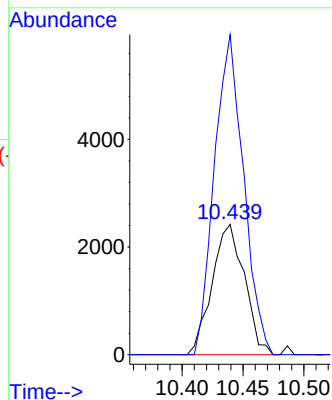
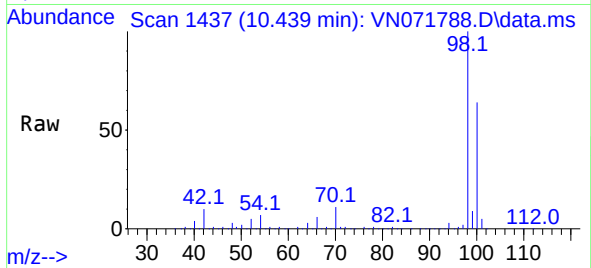




#51
4-Methyl-2-Pentanone
Concen: 0.483 ug/l
RT: 10.439 min Scan# 1417
Delta R.T. 0.117 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

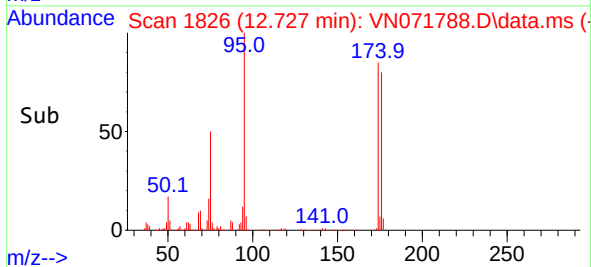
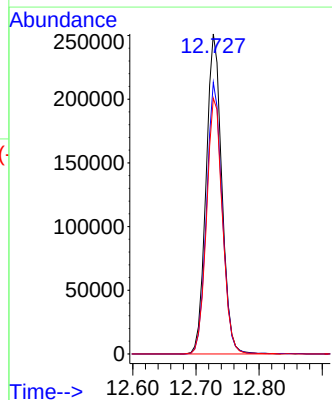
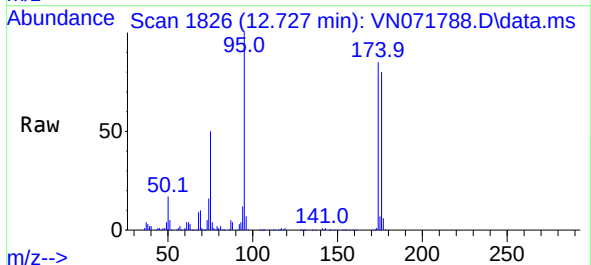
Instrument :
MSVOA_N
ClientSampleId :
MW-30D

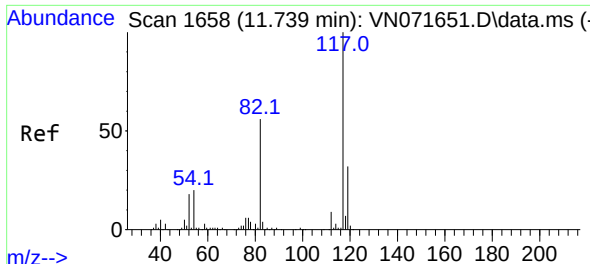
Tgt Ion: 43 Resp: 4468
Ion Ratio Lower Upper
43 100
58 222.4 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 51.627 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

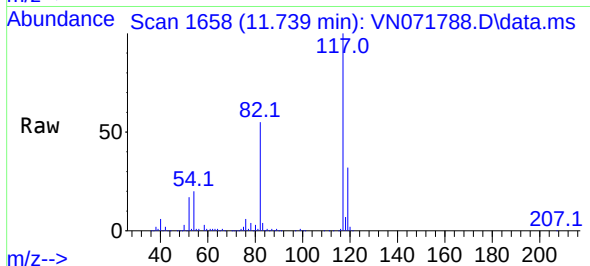
Tgt Ion: 95 Resp: 432019
Ion Ratio Lower Upper
95 100
174 84.5 0.0 167.6
176 80.9 0.0 163.4





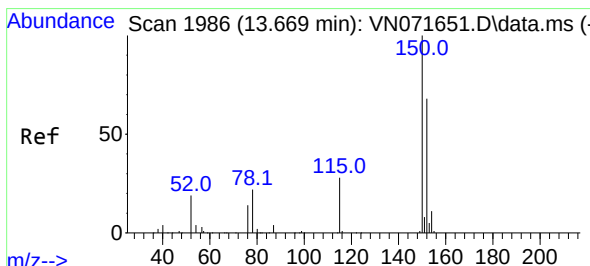
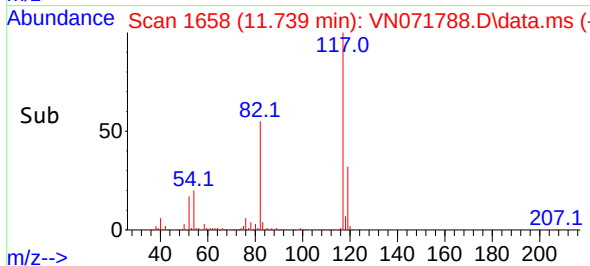
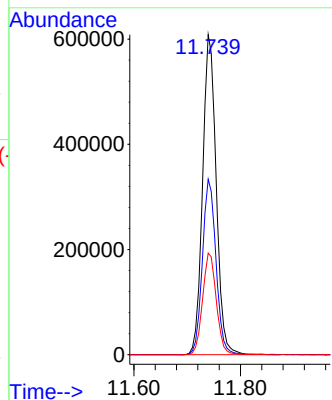
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

Instrument :
MSVOA_N
ClientSampleId :
MW-30D



Tgt Ion:117 Resp: 1078090

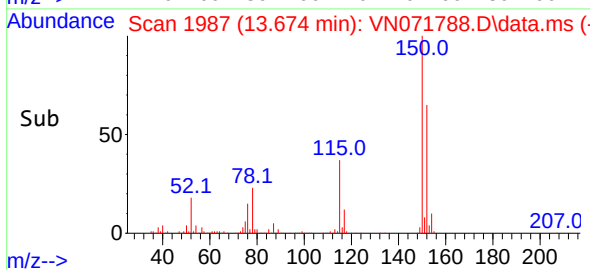
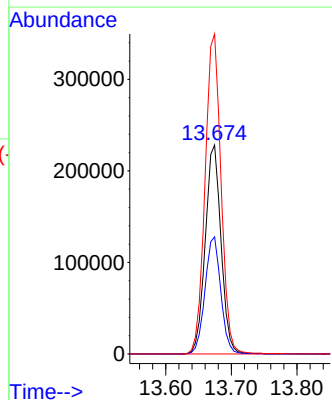
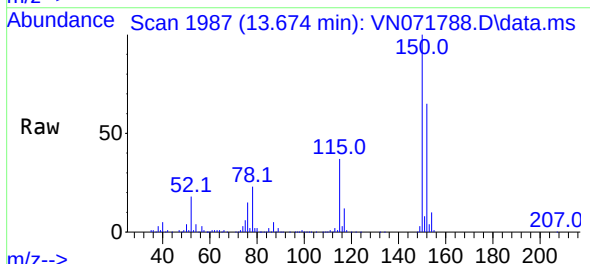
Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.2	66.2
119	31.8	25.4	38.0

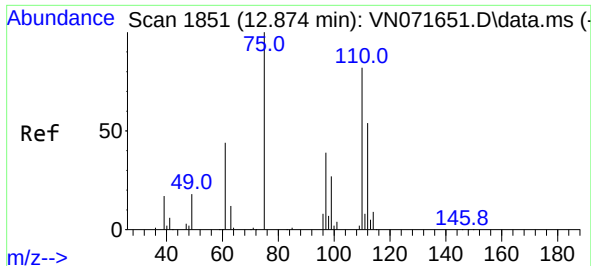


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

Tgt Ion:152 Resp: 383249

Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.9	86.7
150	154.6	0.0	356.2

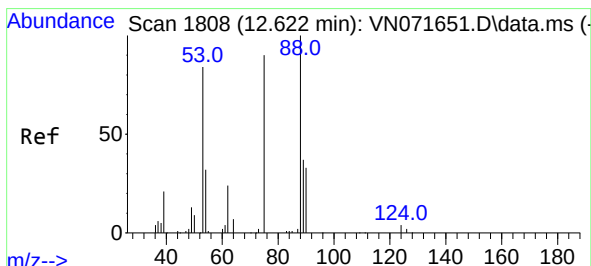
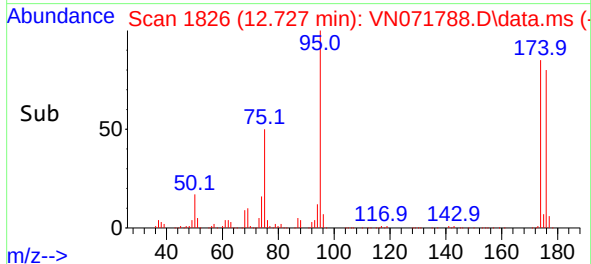
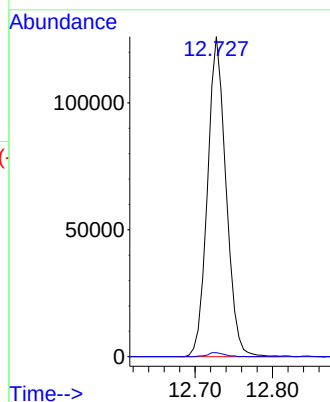
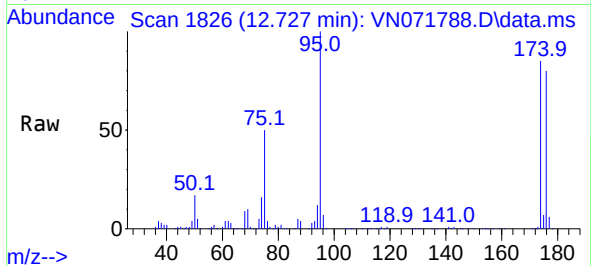




#76
1,2,3-Trichloropropane
Concen: 23.540 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

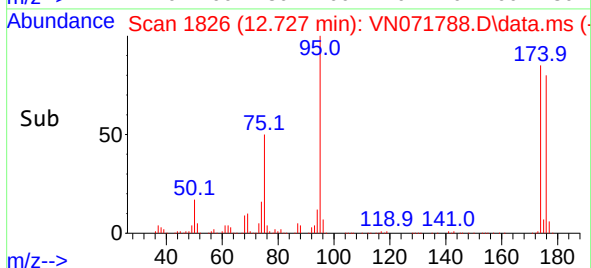
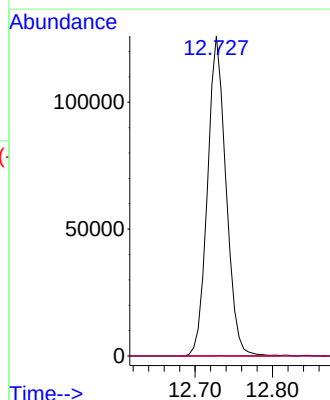
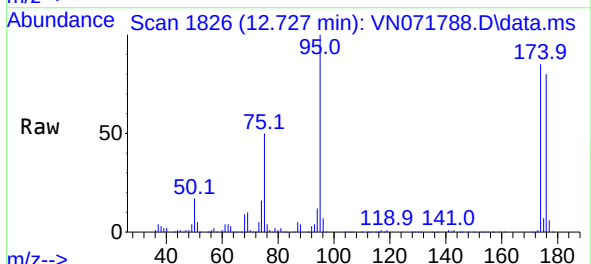
Instrument :
MSVOA_N
ClientSampleId :
MW-30D

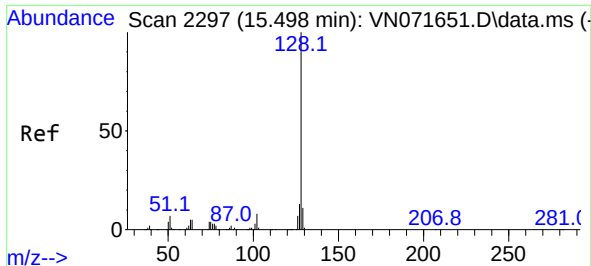
Tgt Ion: 75 Resp: 208996
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.950 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

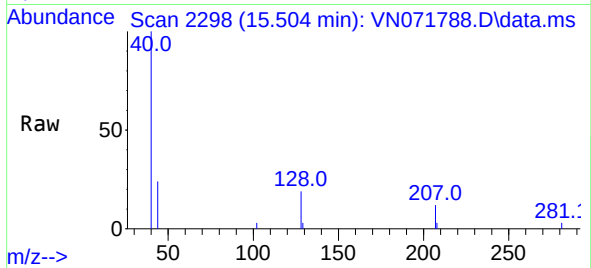
Tgt Ion: 75 Resp: 208996
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 3.913 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071788.D
Acq: 02 Apr 2022 06:11

Instrument :
MSVOA_N
ClientSampleId :
MW-30D



Tgt Ion:128 Resp: 2078
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 10.3 8.6 13.0

