

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071786.D
 Acq On : 02 Apr 2022 05:23
 Operator : JC\MD
 Sample : N2200-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26

Quant Time: Apr 02 06:13:08 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)

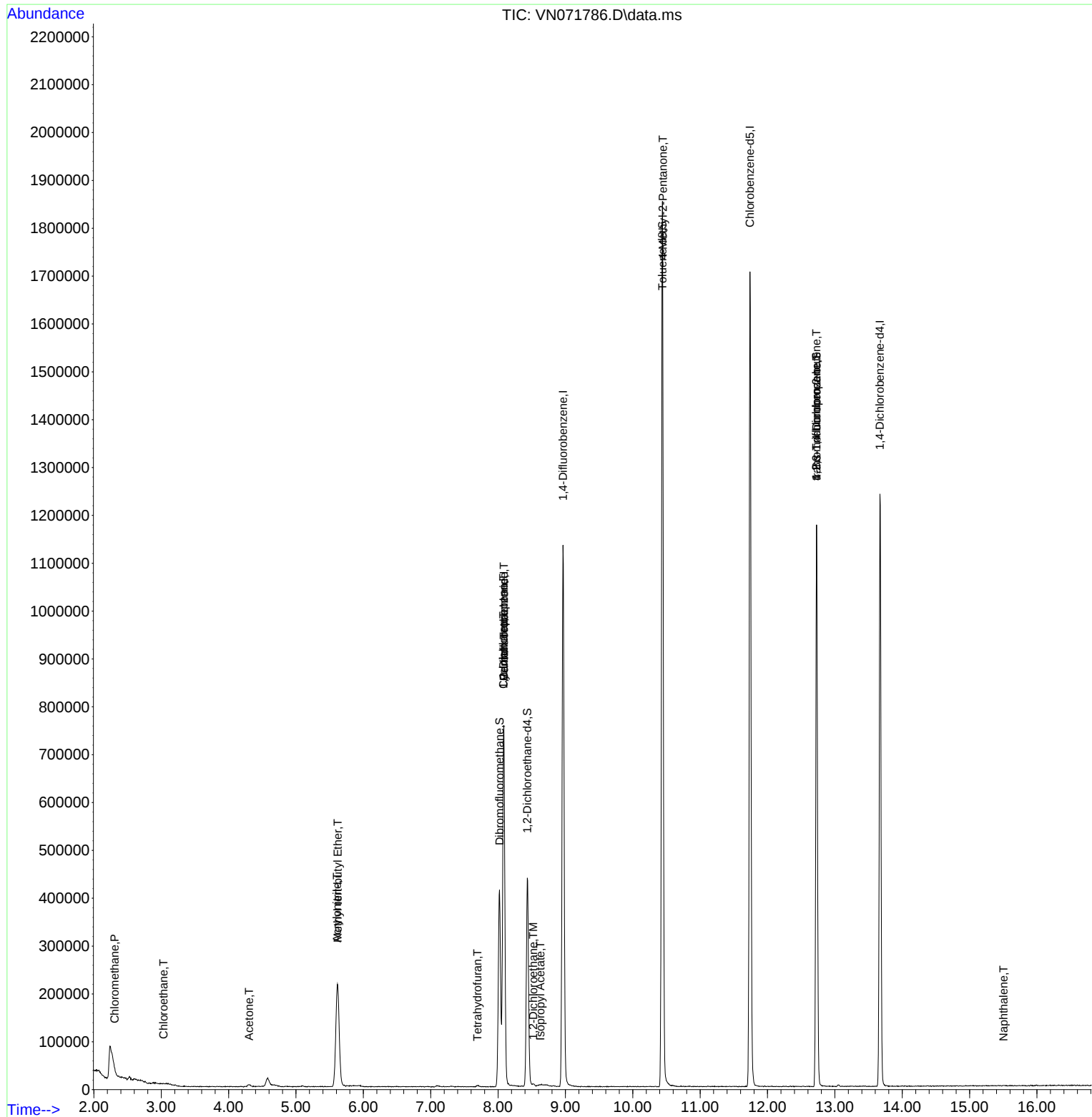
Internal Standards						
1) Pentafluorobenzene	8.087	168	622995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1062365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1072722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	370833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	360531	50.692	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 101.380%		
35) Dibromofluoromethane	8.022	113	306737	49.067	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 98.140%		
50) Toluene-d8	10.439	98	1343354	52.530	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 105.060%		
62) 4-Bromofluorobenzene	12.727	95	423798	51.241	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 102.480%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.311	50	2254	0.359	ug/l #	69
6) Chloroethane	3.034	64	1002	0.202	ug/l #	42
15) Acrylonitrile	5.610	53	4450	1.326	ug/l #	41
16) Acetone	4.305	43	5476	1.802	ug/l #	81
18) Methyl Acetate	4.881	43	2107	Below Cal	#	54
19) Methyl tert-butyl Ether	5.622	73	377745	19.773	ug/l	96
29) Tetrahydrofuran	7.693	42	1833	0.646	ug/l #	76
31) Cyclohexane	8.081	56	10537	1.089	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	42899	4.914	ug/l #	48
38) Carbon Tetrachloride	8.087	117	56131	6.561	ug/l #	16
42) 1,2-Dichloroethane	8.522	62	3156	0.331	ug/l	86
43) Isopropyl Acetate	8.628	43	3400	0.214	ug/l #	53
51) 4-Methyl-2-Pentanone	10.445	43	4949	0.542	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	208314	24.249	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	208314	75.147	ug/l #	10
95) Naphthalene	15.504	128	505	3.831	ug/l #	69

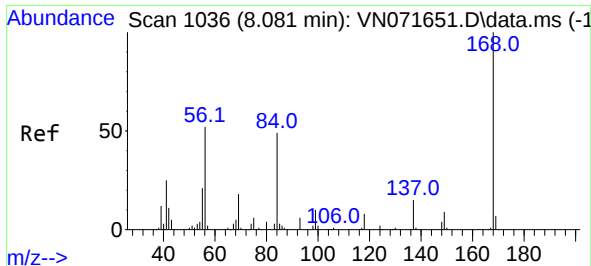
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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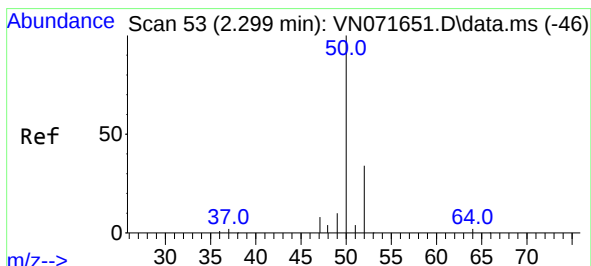
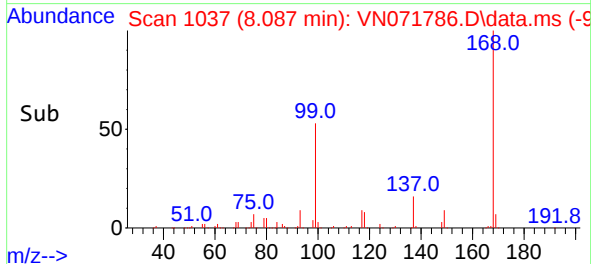
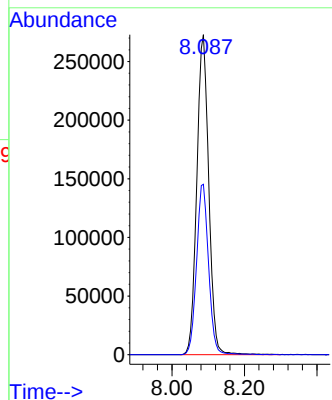
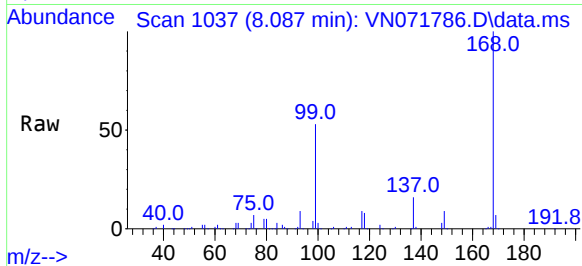




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

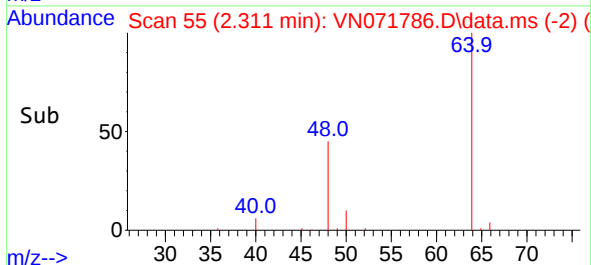
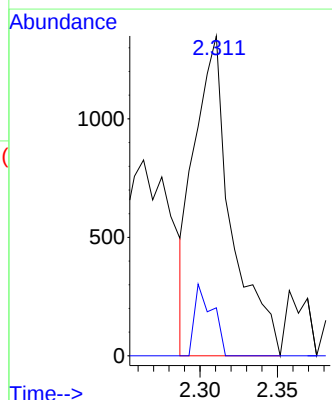
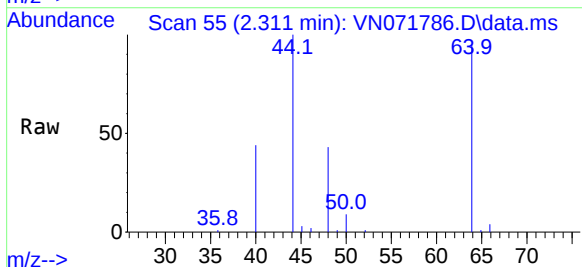
Instrument :
MSVOA_N
ClientSampleId :
MW-26

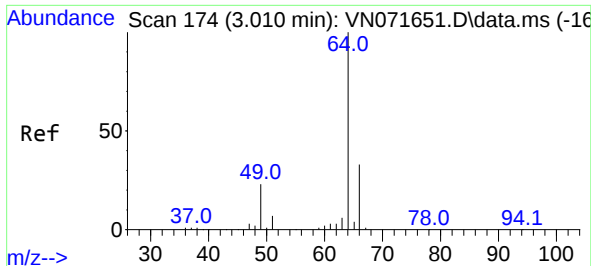
Tgt Ion:168 Resp: 622995
Ion Ratio Lower Upper
168 100
99 53.2 42.3 63.5



#3
Chloromethane
Concen: 0.359 ug/l
RT: 2.311 min Scan# 55
Delta R.T. 0.012 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

Tgt Ion: 50 Resp: 2254
Ion Ratio Lower Upper
50 100
52 15.0 25.7 38.5#

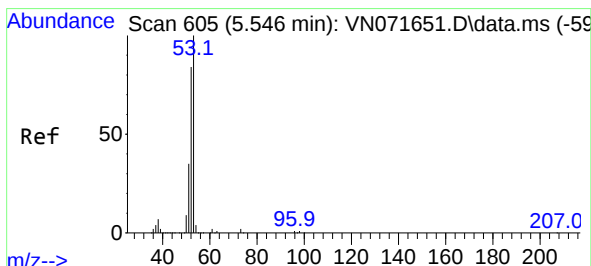
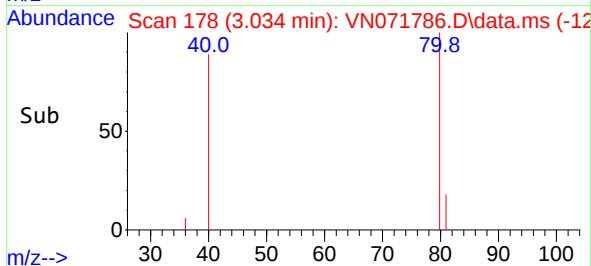
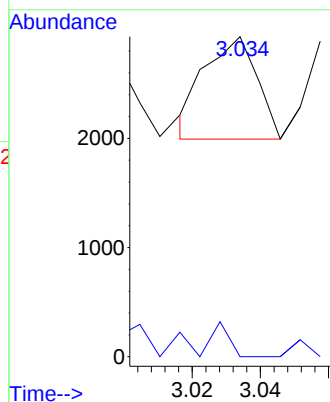
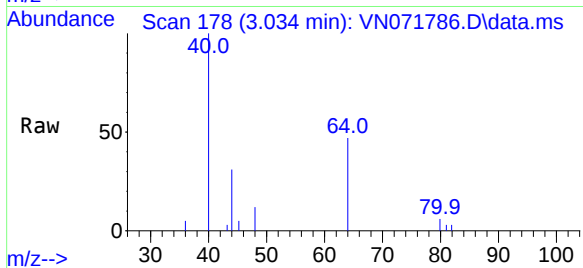




#6
Chloroethane
Concen: 0.202 ug/l
RT: 3.034 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

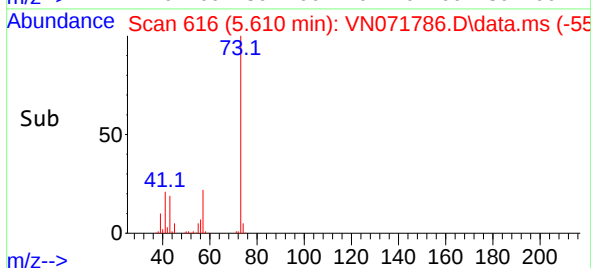
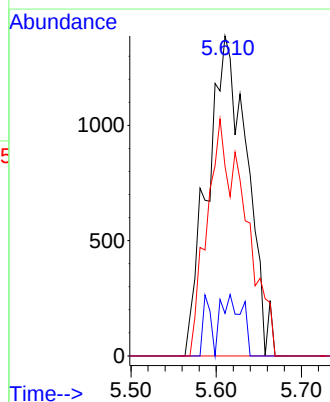
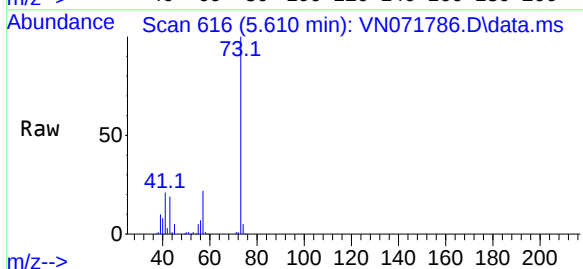
Instrument :
MSVOA_N
ClientSampleId :
MW-26

Tgt Ion: 64 Resp: 1002
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#15
Acrylonitrile
Concen: 1.326 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.064 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

Tgt Ion: 53 Resp: 4450
Ion Ratio Lower Upper
53 100
52 10.2 66.4 99.6#
51 41.2 28.5 42.7

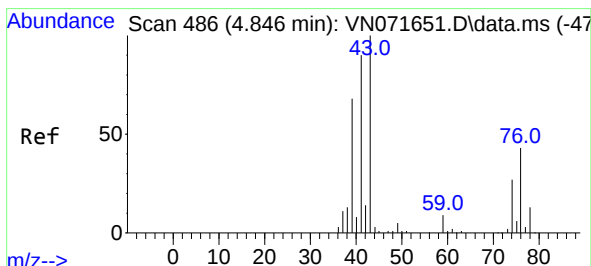
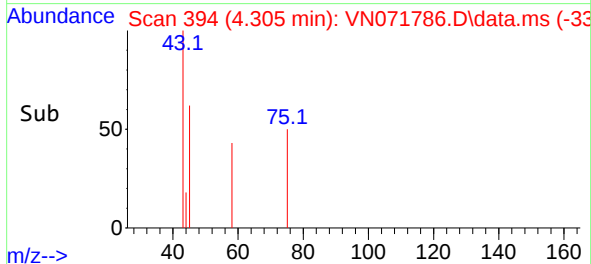
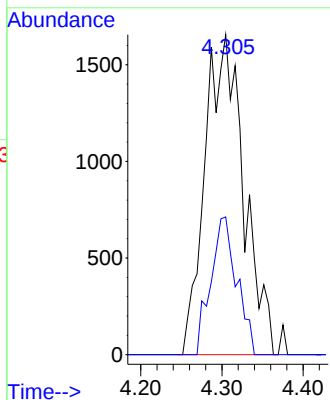
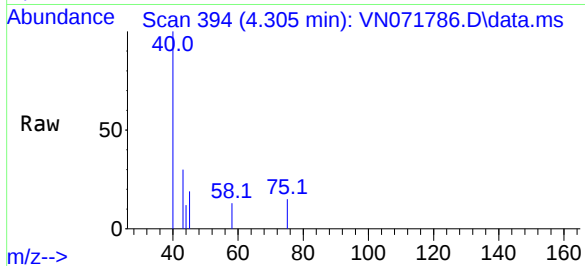




#16
Acetone
Concen: 1.802 ug/l
RT: 4.305 min Scan# 394
Delta R.T. 0.030 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

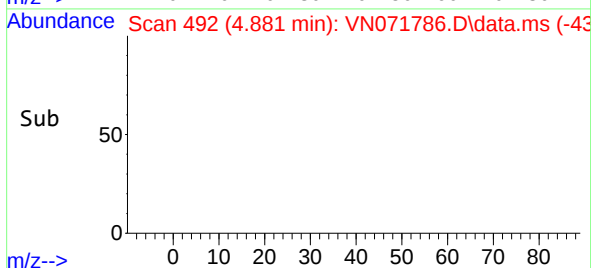
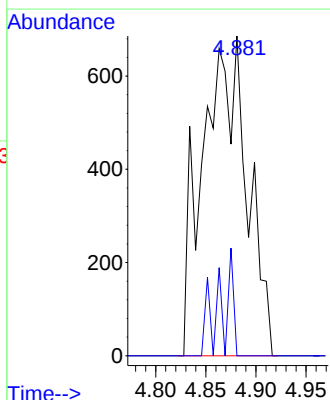
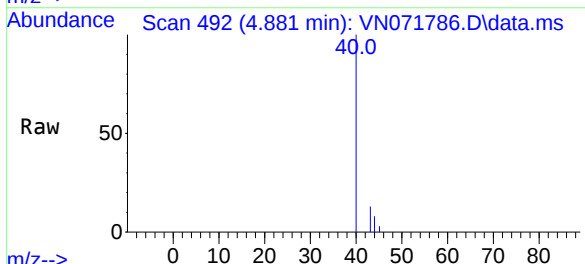
Instrument :
MSVOA_N
ClientSampleId :
MW-26

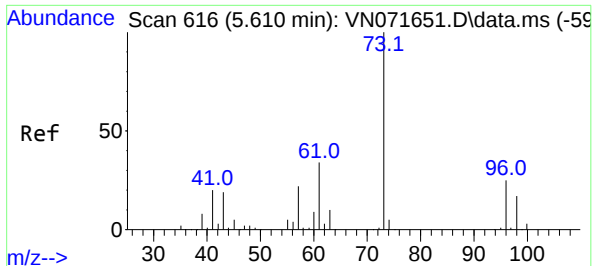
Tgt Ion: 43 Resp: 5476
Ion Ratio Lower Upper
43 100
58 43.1 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.881 min Scan# 492
Delta R.T. 0.035 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

Tgt Ion: 43 Resp: 2107
Ion Ratio Lower Upper
43 100
74 3.2 21.6 32.4#





#19

Methyl tert-butyl Ether

Concen: 19.773 ug/l

RT: 5.622 min Scan# 61

Delta R.T. 0.012 min

Lab File: VN071786.D

Acq: 02 Apr 2022 05:23

Instrument :

MSVOA_N

ClientSampleId :

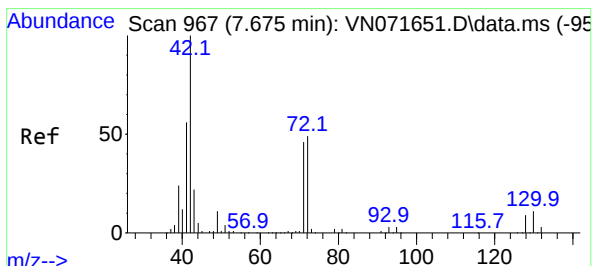
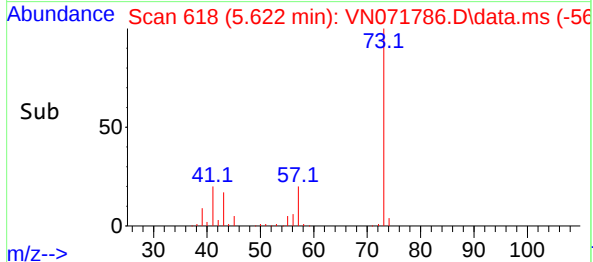
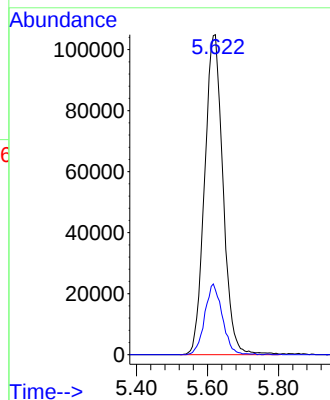
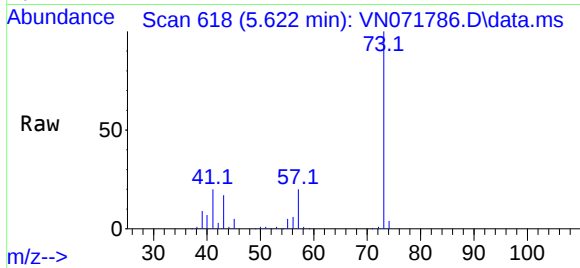
MW-26

Tgt Ion: 73 Resp: 377745

Ion Ratio Lower Upper

73 100

57 20.2 17.6 26.4



#29

Tetrahydrofuran

Concen: 0.646 ug/l

RT: 7.693 min Scan# 970

Delta R.T. 0.018 min

Lab File: VN071786.D

Acq: 02 Apr 2022 05:23

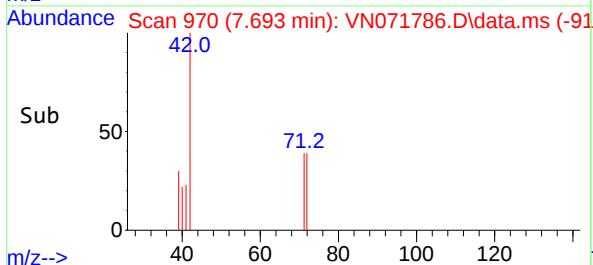
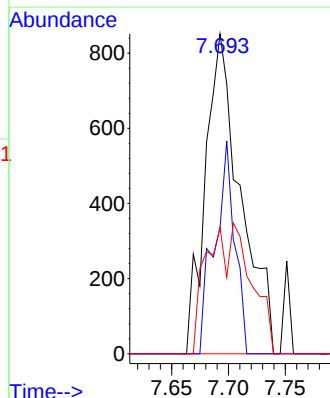
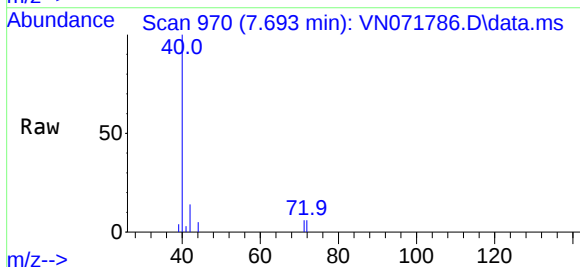
Tgt Ion: 42 Resp: 1833

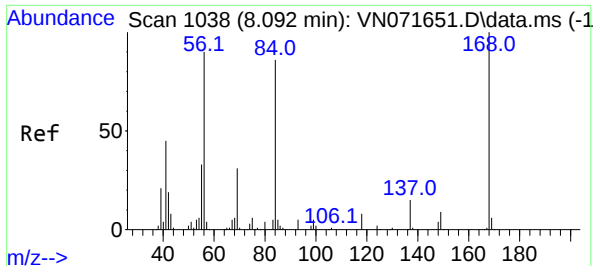
Ion Ratio Lower Upper

42 100

72 38.0 39.7 59.5#

71 25.0 36.6 55.0#

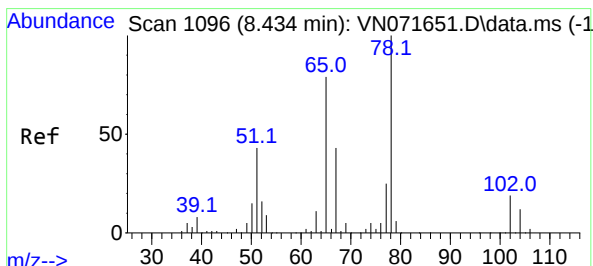
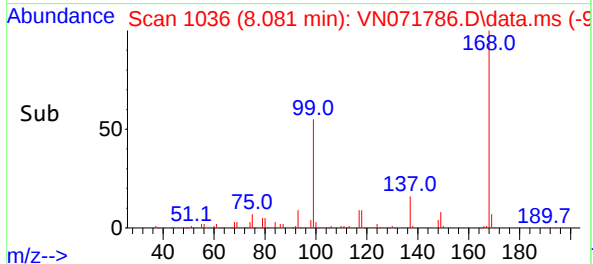
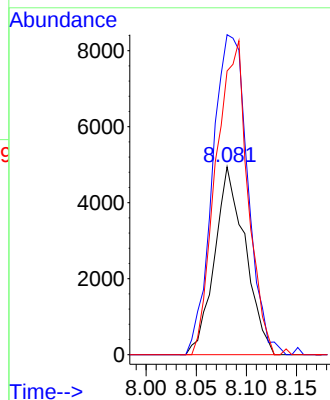
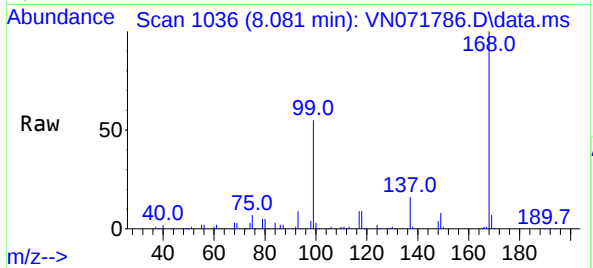




#31
Cyclohexane
Concen: 1.089 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

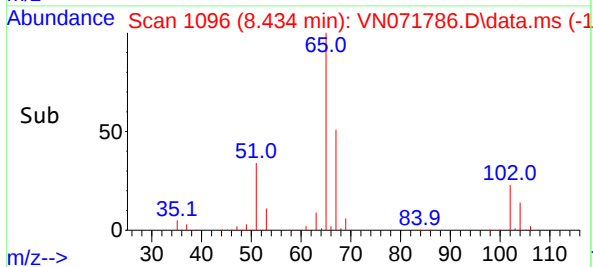
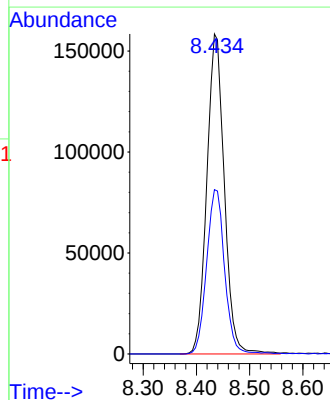
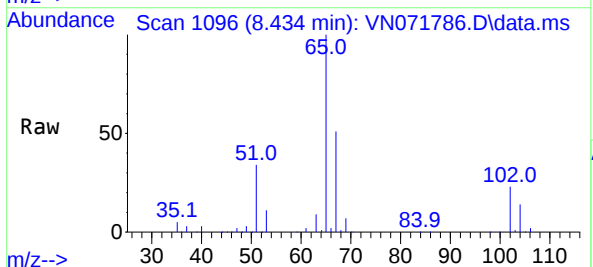
Instrument :
MSVOA_N
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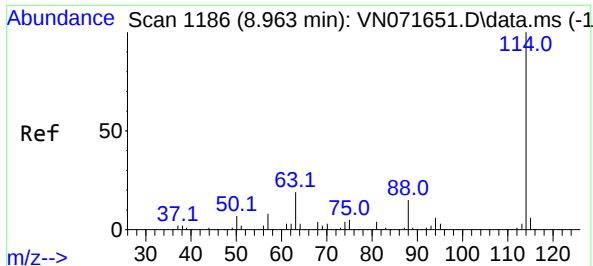
Tgt Ion: 56 Resp: 10537
Ion Ratio Lower Upper
56 100
69 170.3 27.8 41.8#
84 151.0 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 50.692 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

Tgt Ion: 65 Resp: 360531
Ion Ratio Lower Upper
65 100
67 52.9 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: VN071786.D

Acq: 02 Apr 2022 05:23

Instrument :

MSVOA_N

ClientSampleId :

MW-26

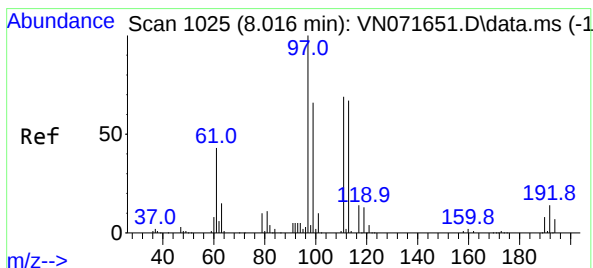
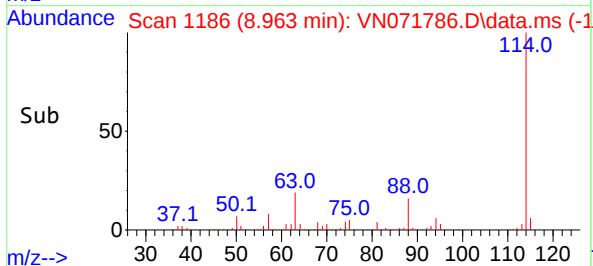
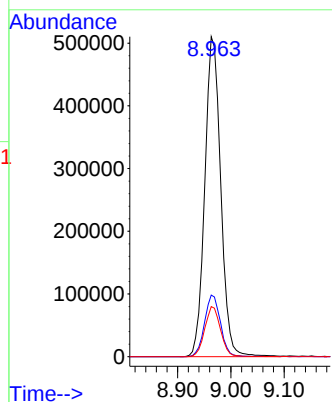
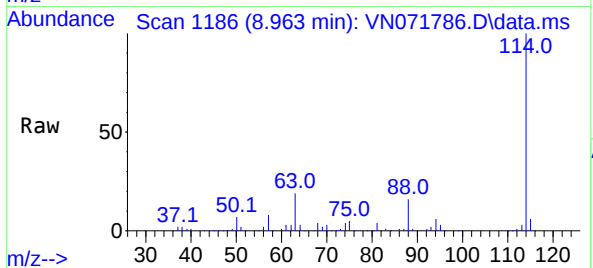
Tgt Ion:114 Resp: 1062365

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.067 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071786.D

Acq: 02 Apr 2022 05:23

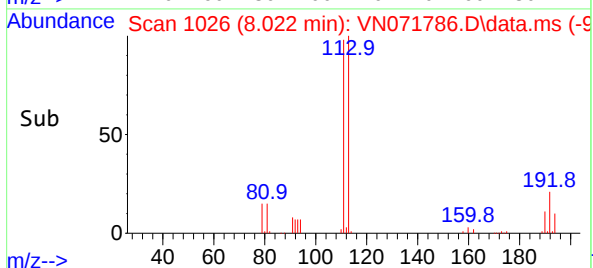
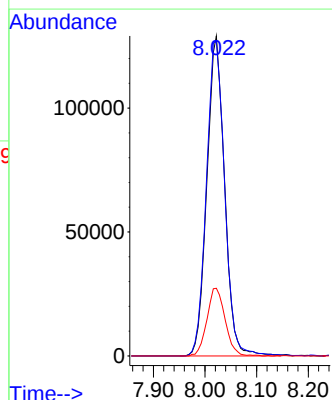
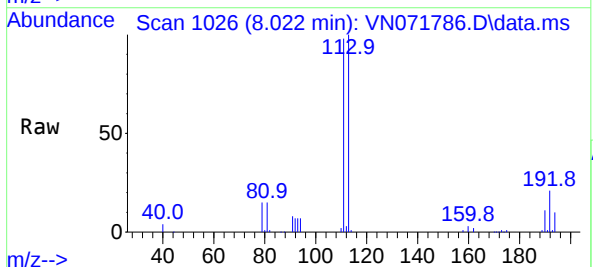
Tgt Ion:113 Resp: 306737

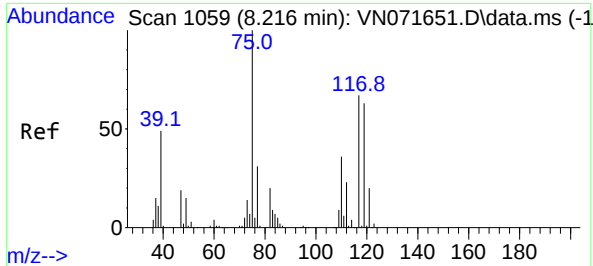
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 21.8 17.0 25.6

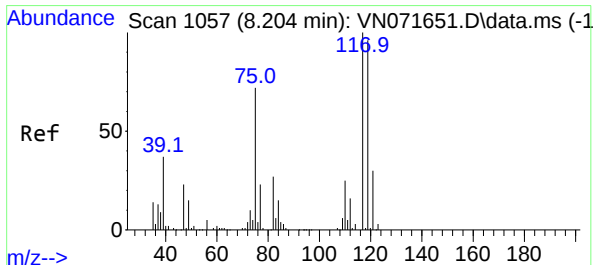
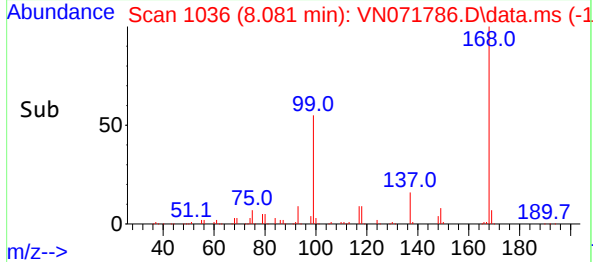
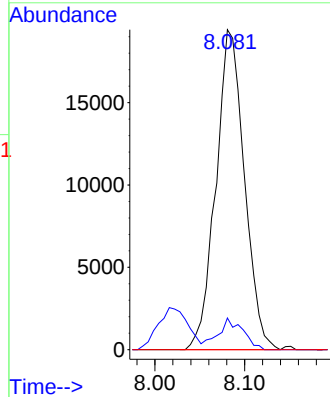
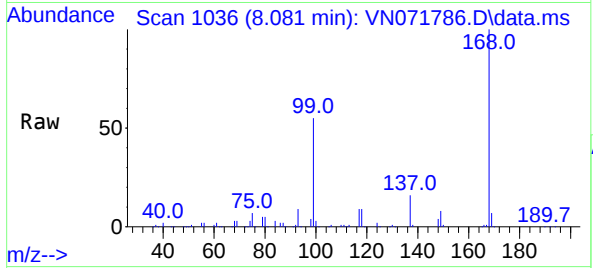




#36
1,1-Dichloropropene
Concen: 4.914 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

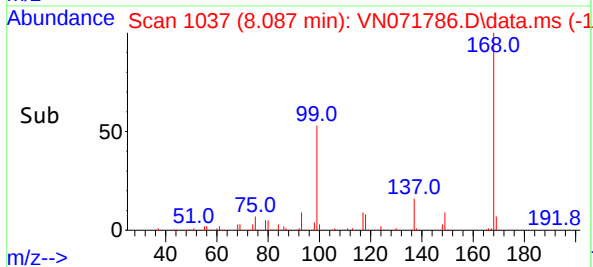
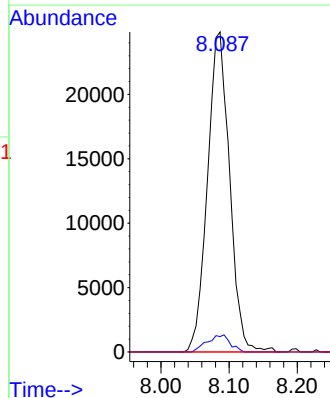
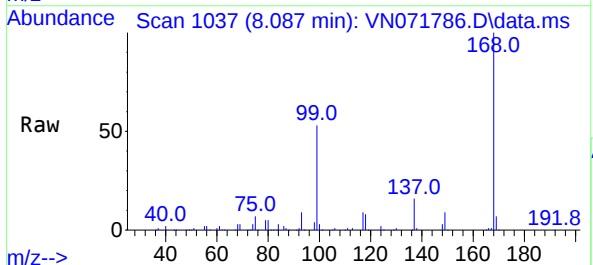
Instrument :
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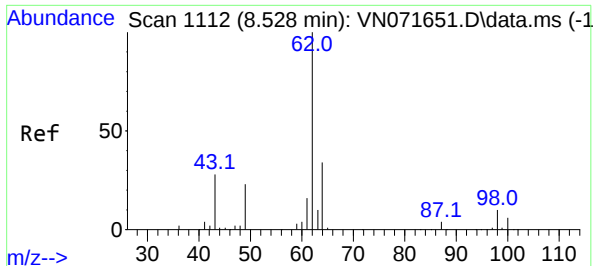
Tgt Ion: 75 Resp: 42899
Ion Ratio Lower Upper
75 100
110 8.6 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.561 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.117 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

Tgt Ion: 117 Resp: 56131
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#

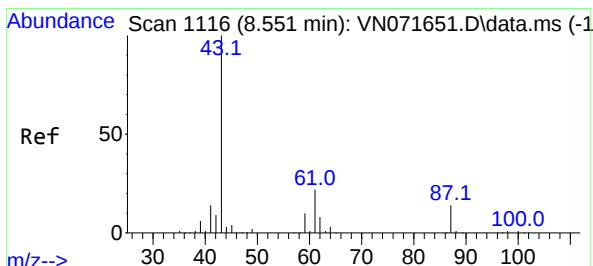
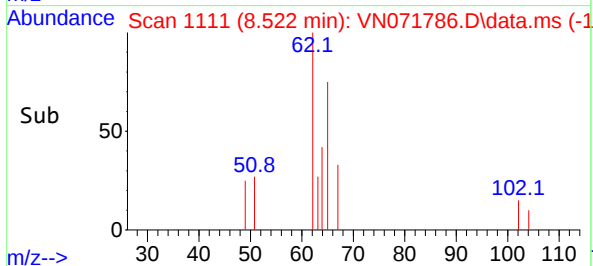
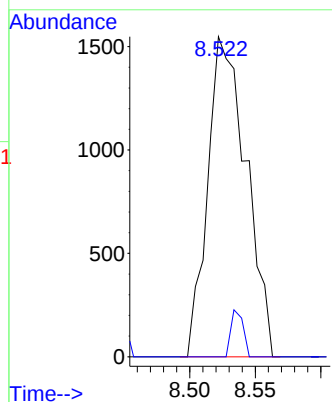
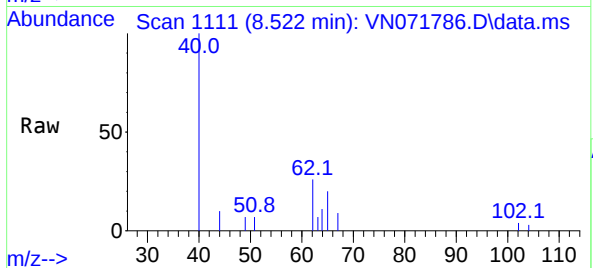




#42
1,2-Dichloroethane
Concen: 0.331 ug/l
RT: 8.522 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

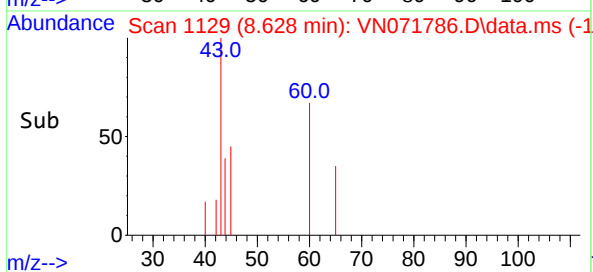
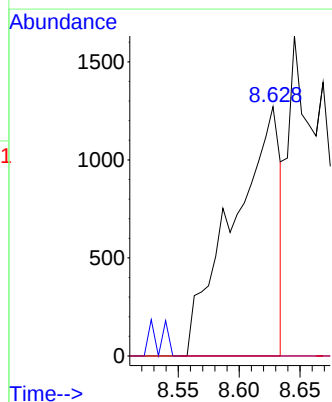
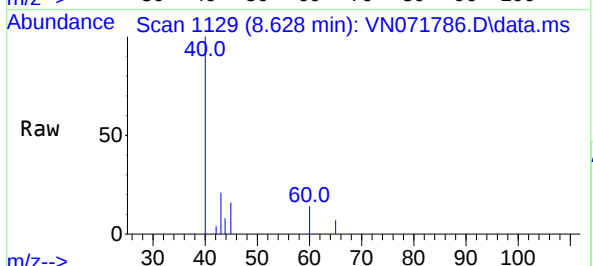
Instrument :
MSVOA_N
ClientSampleId :
MW-26

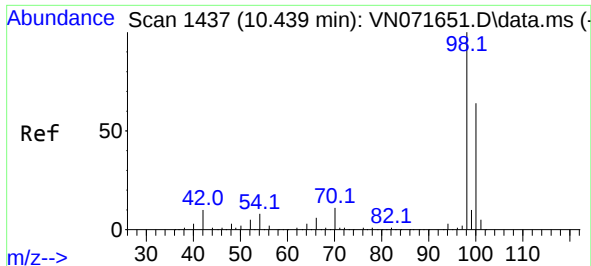
Tgt Ion: 62 Resp: 3156
Ion Ratio Lower Upper
62 100
98 4.6 0.0 19.4



#43
Isopropyl Acetate
Concen: 0.214 ug/l
RT: 8.628 min Scan# 1129
Delta R.T. 0.077 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

Tgt Ion: 43 Resp: 3400
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

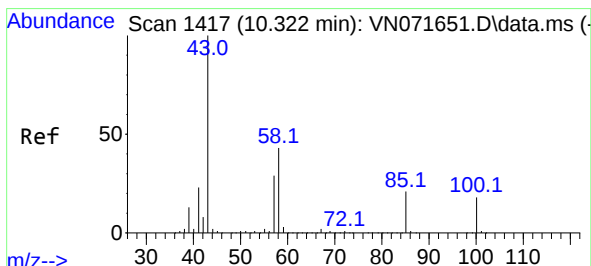
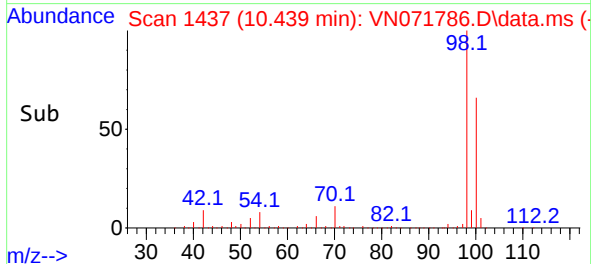
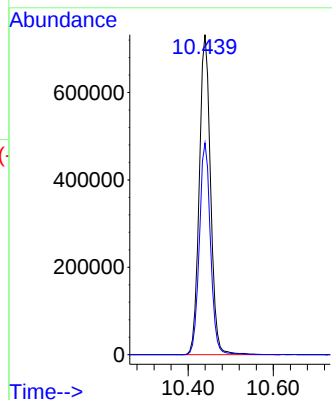
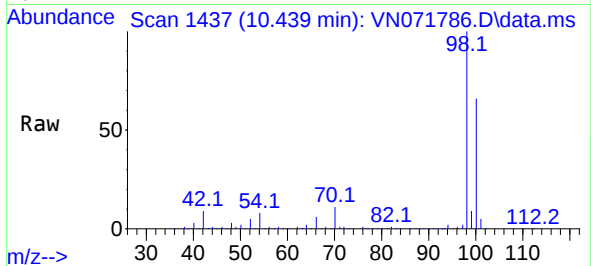




#50
Toluene-d8
Concen: 52.530 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

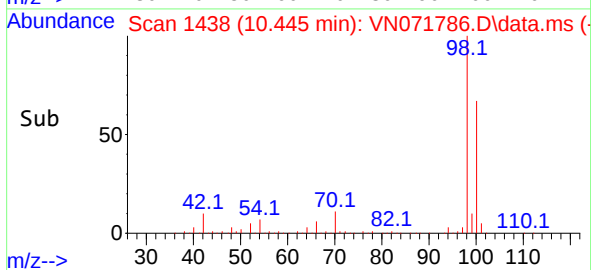
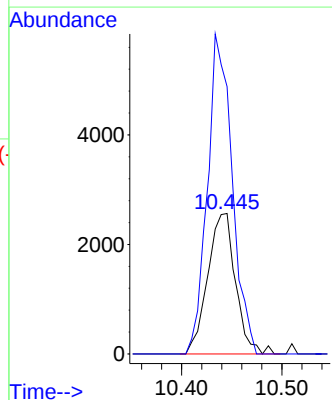
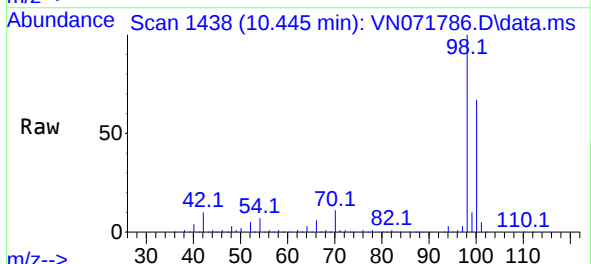
Instrument :
MSVOA_N
ClientSampleId :
MW-26

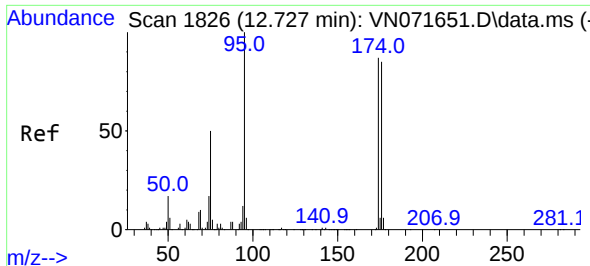
Tgt Ion: 98 Resp: 1343354
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.542 ug/l
RT: 10.445 min Scan# 1438
Delta R.T. 0.123 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

Tgt Ion: 43 Resp: 4949
Ion Ratio Lower Upper
43 100
58 202.5 34.1 51.1#

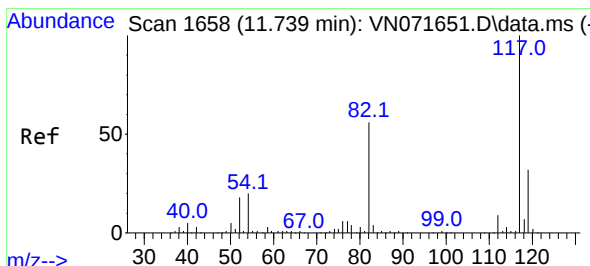
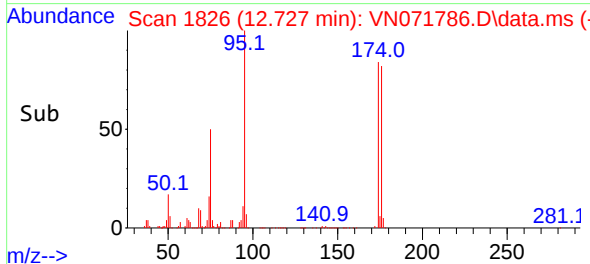
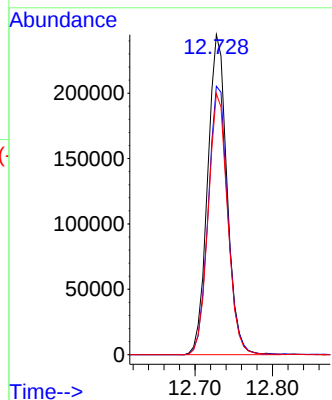
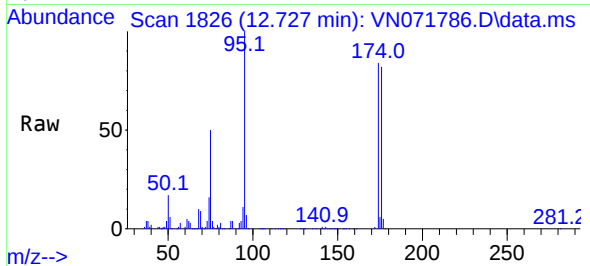




#62
4-Bromofluorobenzene
Concen: 51.241 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

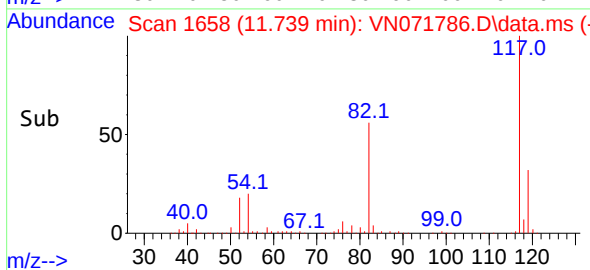
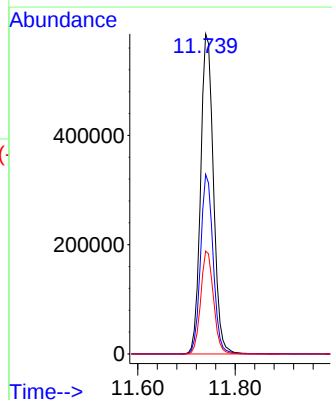
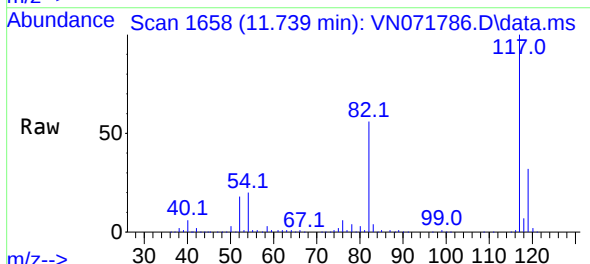
Instrument :
MSVOA_N
ClientSampleId :
MW-26

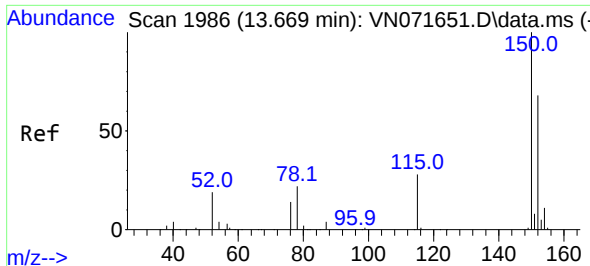
Tgt Ion: 95 Resp: 423798
Ion Ratio Lower Upper
95 100
174 85.0 0.0 167.6
176 81.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

Tgt Ion: 117 Resp: 1072722
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.1 25.4 38.0

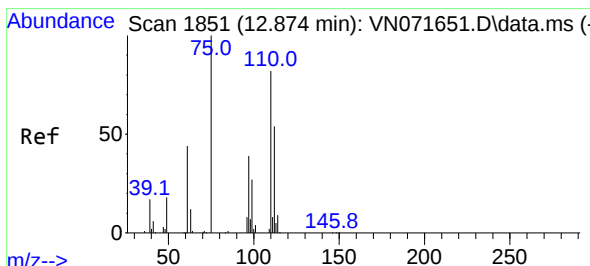
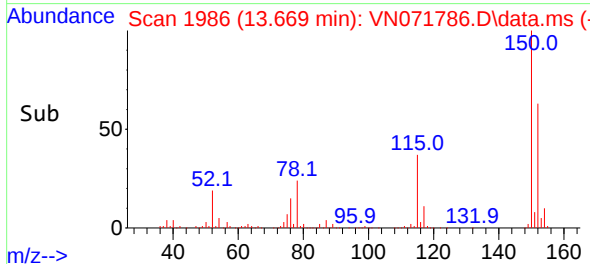
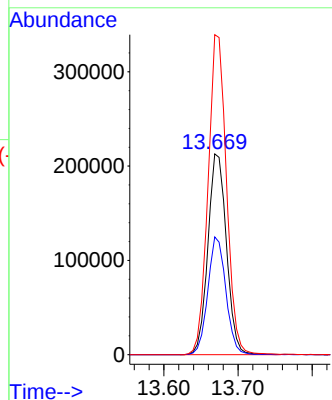
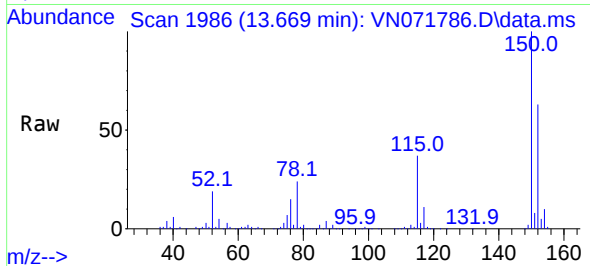




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN071786.D
 Acq: 02 Apr 2022 05:23

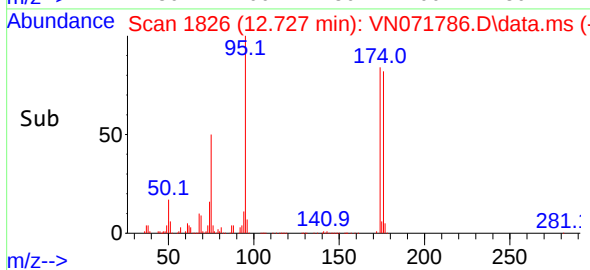
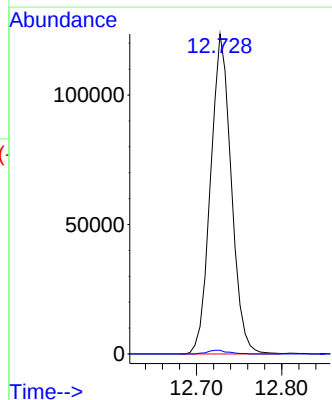
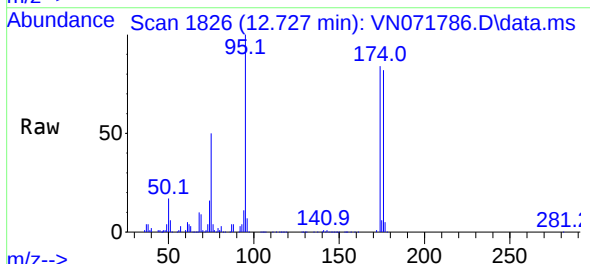
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26

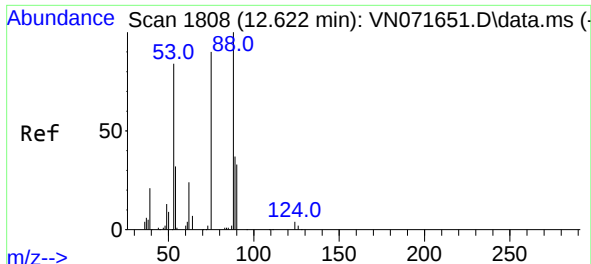
Tgt Ion:152 Resp: 370833
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.9 86.7
 150 157.9 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 24.249 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN071786.D
 Acq: 02 Apr 2022 05:23

Tgt Ion: 75 Resp: 208314
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

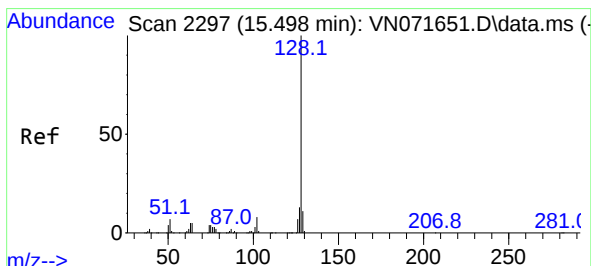
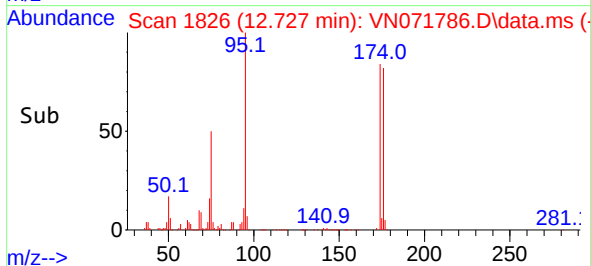
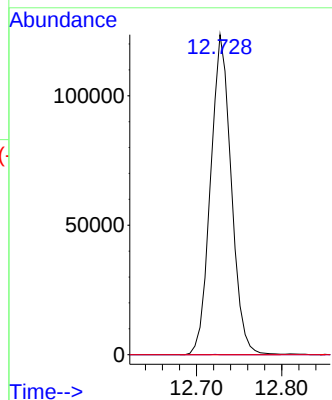
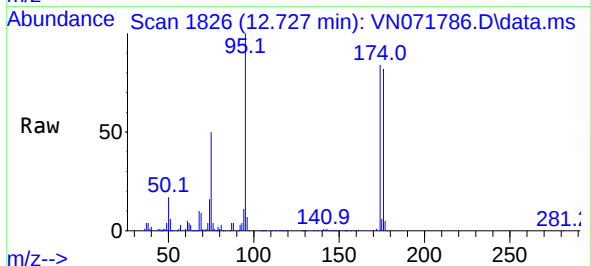




#81
trans-1,4-Dichloro-2-butene
Concen: 75.147 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

Instrument :
MSVOA_N
ClientSampleId :
MW-26

Tgt Ion: 75 Resp: 208314
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# 2298
Delta R.T. 0.006 min
Lab File: VN071786.D
Acq: 02 Apr 2022 05:23

Tgt Ion: 128 Resp: 505
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

