

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071812.D
 Acq On : 02 Apr 2022 20:58
 Operator : JC\MD
 Sample : N2244-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5-BD

Quant Time: Apr 04 02:32:10 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)

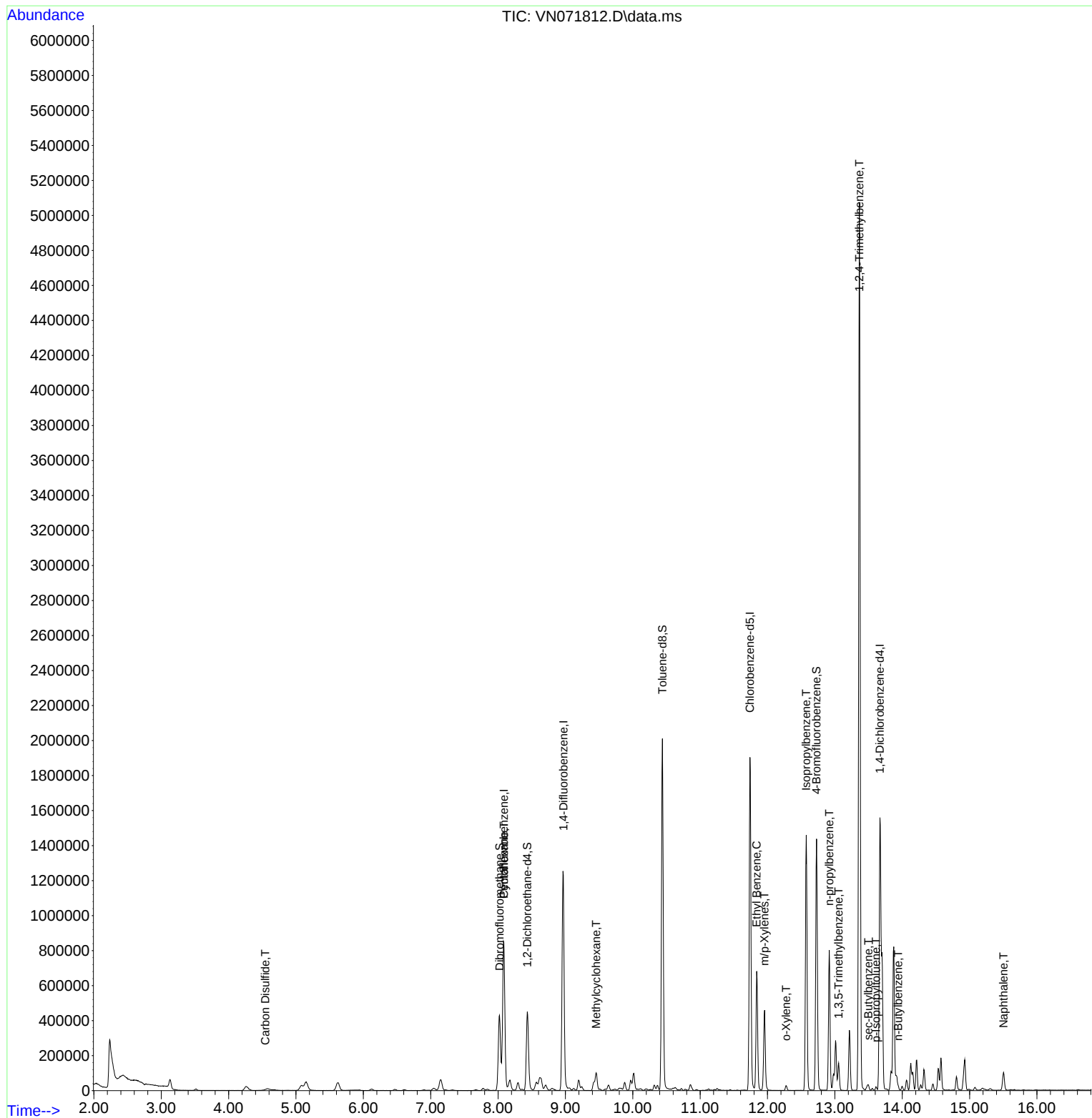
Internal Standards						
1) Pentafluorobenzene	8.087	168	666677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1129251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1160770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	453395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	377726	49.630	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.260%
35) Dibromofluoromethane	8.022	113	323943	48.750	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.500%
50) Toluene-d8	10.439	98	1435881	52.822	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.640%
62) 4-Bromofluorobenzene	12.727	95	513747	58.437	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	116.880%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.546	76	5774	0.457	ug/l #	75
31) Cyclohexane	8.087	56	37727	3.645	ug/l #	54
39) Methylcyclohexane	9.457	83	43393	3.928	ug/l	97
67) Ethyl Benzene	11.839	91	506646	12.876	ug/l	98
68) m/p-Xylenes	11.957	106	139553	9.231	ug/l	96
69) o-Xylene	12.275	106	8085	0.539	ug/l	97
73) Isopropylbenzene	12.575	105	1019613	26.687	ug/l	100
78) n-propylbenzene	12.916	91	649682	16.165	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	79344	2.621	ug/l	93
84) 1,2,4-Trimethylbenzene	13.363	105	2935525	99.389	ug/l	100
85) sec-Butylbenzene	13.498	105	22446m	0.626	ug/l	
86) p-Isopropyltoluene	13.610	119	11164	0.390	ug/l #	78
89) n-Butylbenzene	13.939	91	15329	0.723	ug/l #	79
95) Naphthalene	15.504	128	101983	8.367	ug/l	99

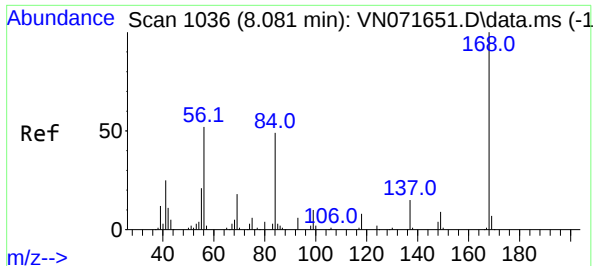
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
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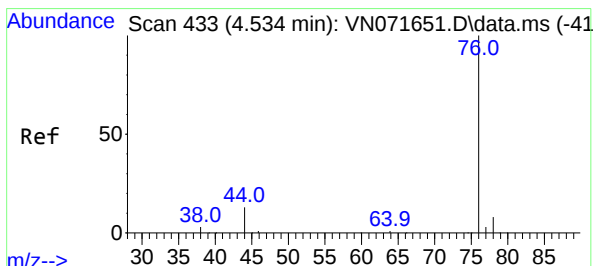
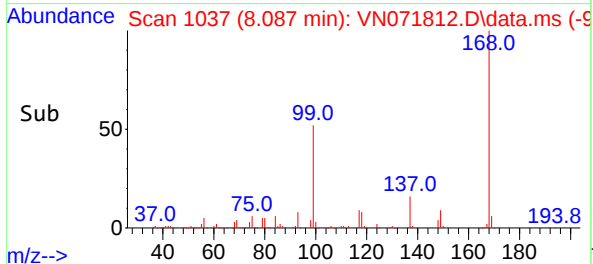
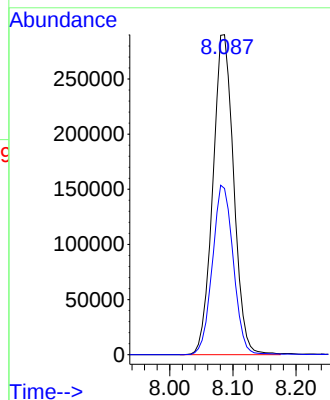
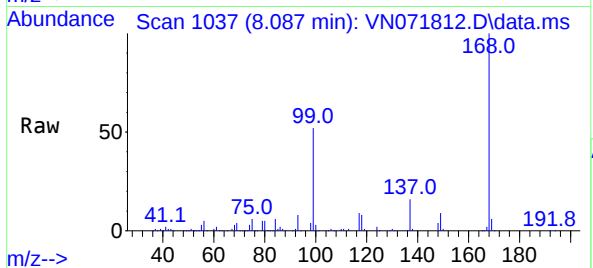




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071812.D
Acq: 02 Apr 2022 20:58

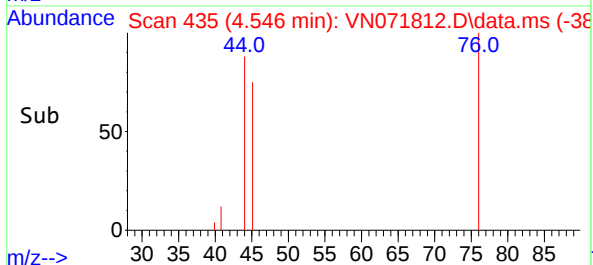
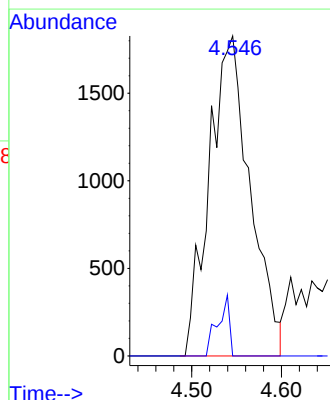
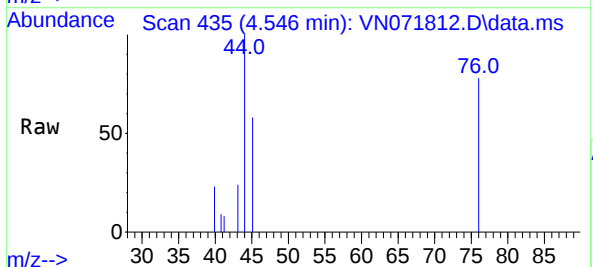
Instrument :
MSVOA_N
ClientSampleId :
MW-5-BD

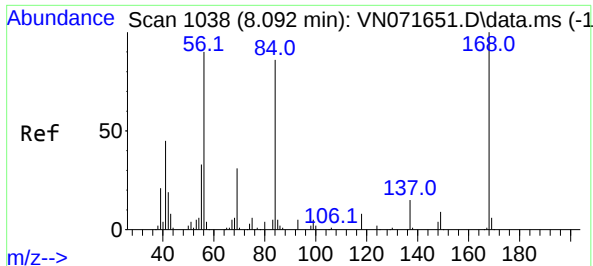
Tgt Ion:168 Resp: 666677
Ion Ratio Lower Upper
168 100
99 52.0 42.3 63.5



#17
Carbon Disulfide
Concen: 0.457 ug/l
RT: 4.546 min Scan# 435
Delta R.T. 0.012 min
Lab File: VN071812.D
Acq: 02 Apr 2022 20:58

Tgt Ion: 76 Resp: 5774
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#31

Cyclohexane

Concen: 3.645 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VN071812.D

Acq: 02 Apr 2022 20:58

Instrument :

MSVOA_N

ClientSampleId :

MW-5-BD

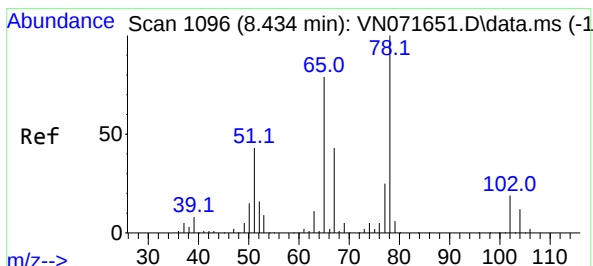
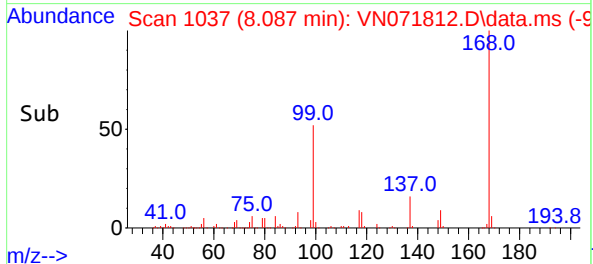
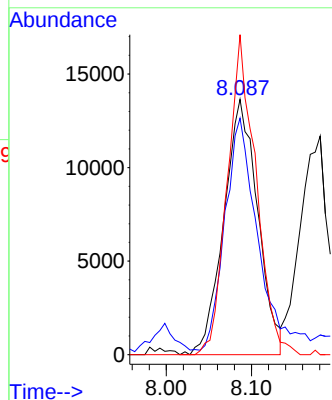
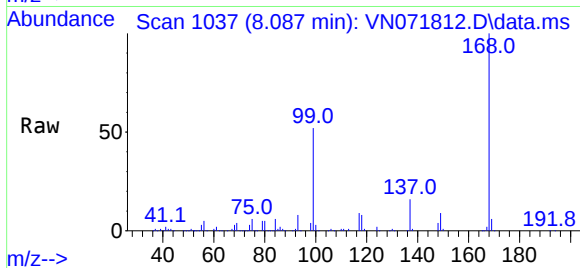
Tgt Ion: 56 Resp: 37727

Ion Ratio Lower Upper

56 100

69 87.8 27.8 41.8#

84 125.3 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 49.630 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071812.D

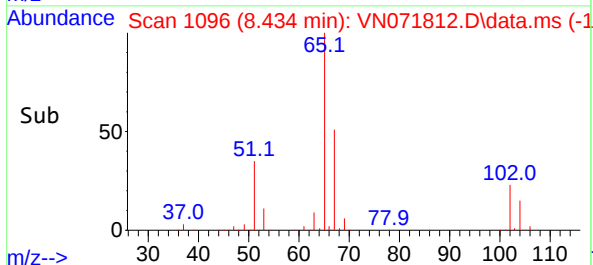
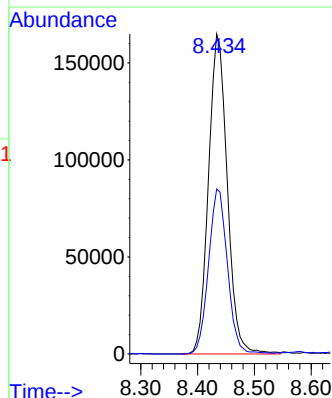
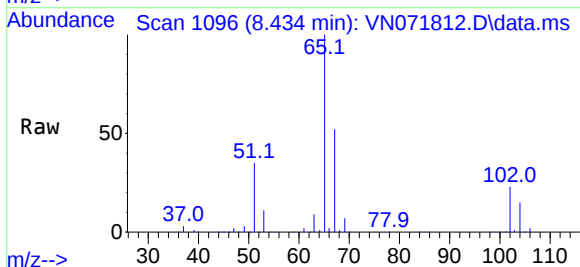
Acq: 02 Apr 2022 20:58

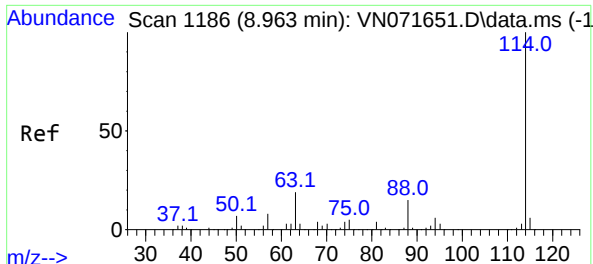
Tgt Ion: 65 Resp: 377726

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN071812.D

Acq: 02 Apr 2022 20:58

Instrument :

MSVOA_N

ClientSampleId :

MW-5-BD

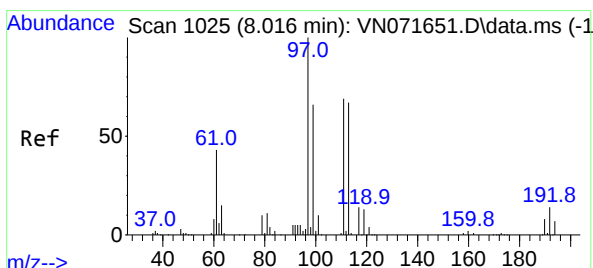
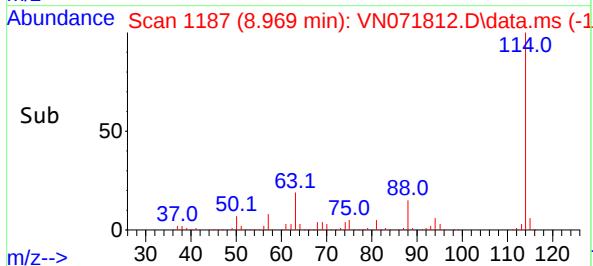
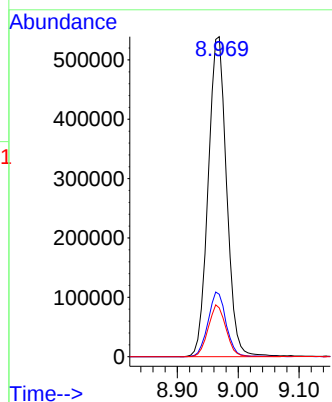
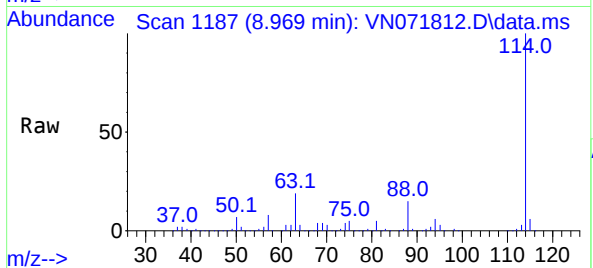
Tgt Ion:114 Resp: 1129251

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.750 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071812.D

Acq: 02 Apr 2022 20:58

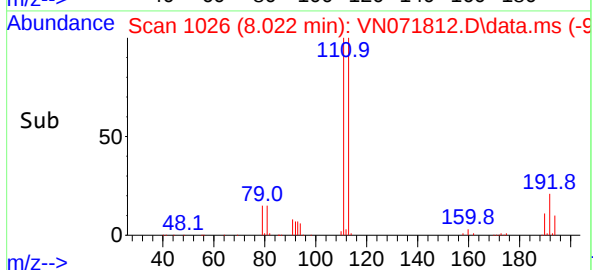
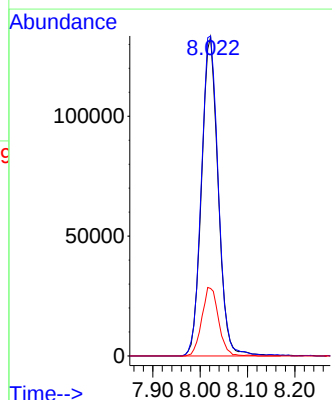
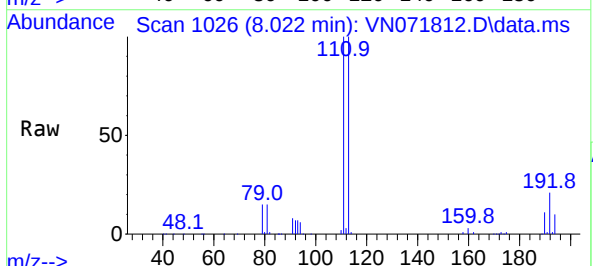
Tgt Ion:113 Resp: 323943

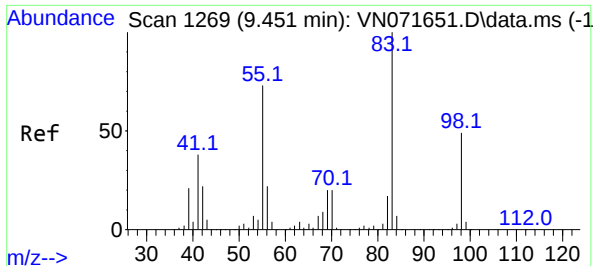
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 21.6 17.0 25.6

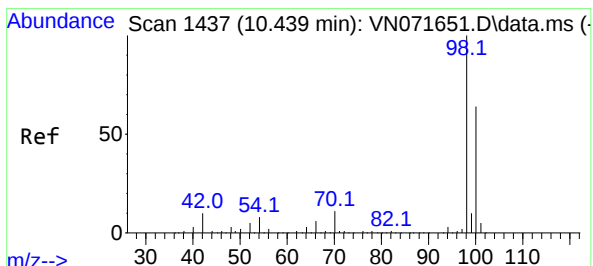
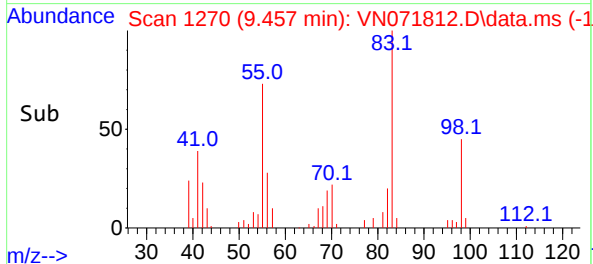
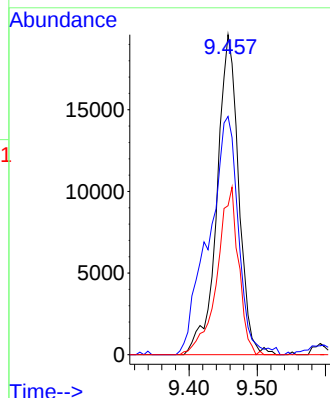
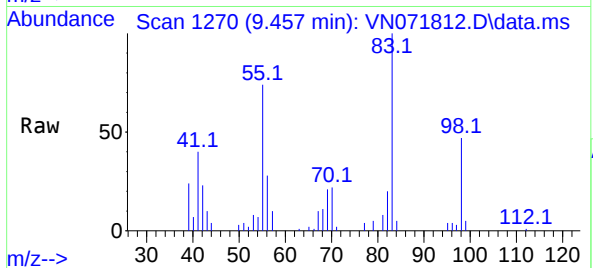




#39
Methylcyclohexane
Concen: 3.928 ug/l
RT: 9.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071812.D
Acq: 02 Apr 2022 20:58

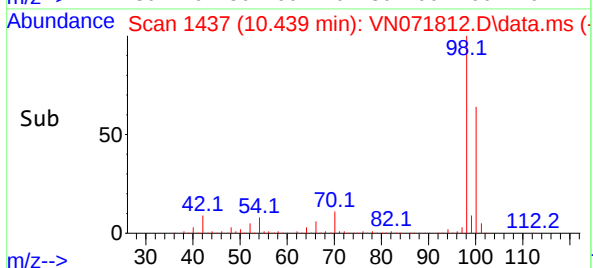
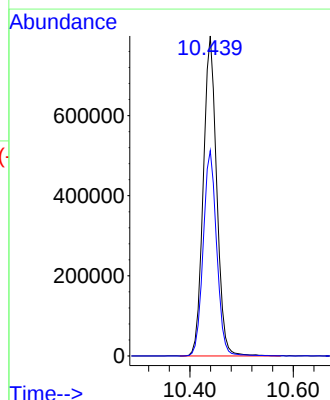
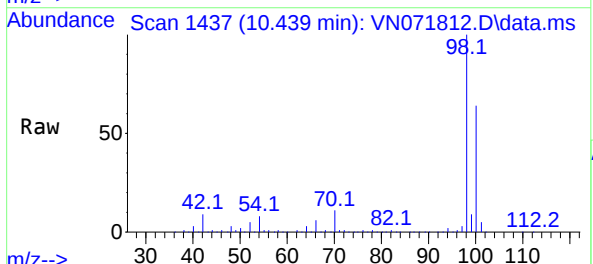
Instrument :
MSVOA_N
ClientSampleId :
MW-5-BD

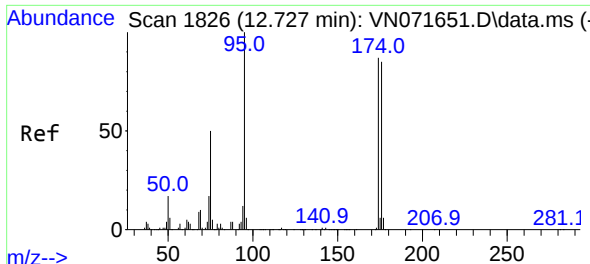
Tgt Ion: 83 Resp: 43393
Ion Ratio Lower Upper
83 100
55 74.4 57.8 86.8
98 46.6 39.4 59.2



#50
Toluene-d8
Concen: 52.822 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071812.D
Acq: 02 Apr 2022 20:58

Tgt Ion: 98 Resp: 1435881
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

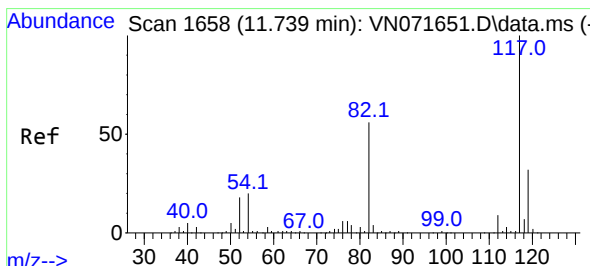
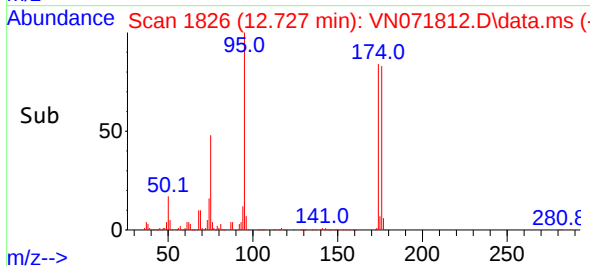
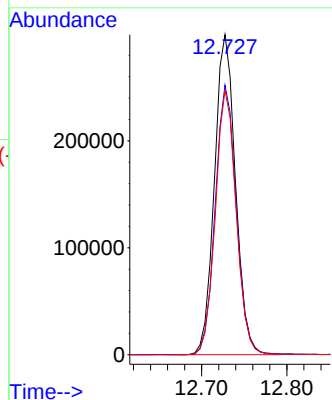
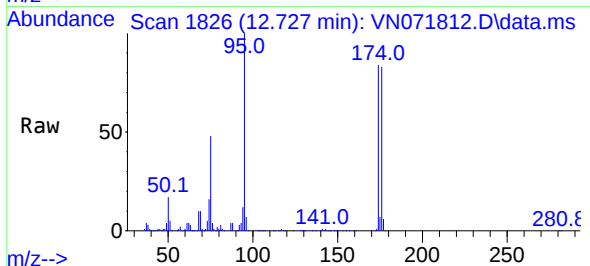




#62
4-Bromofluorobenzene
Concen: 58.437 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071812.D
Acq: 02 Apr 2022 20:58

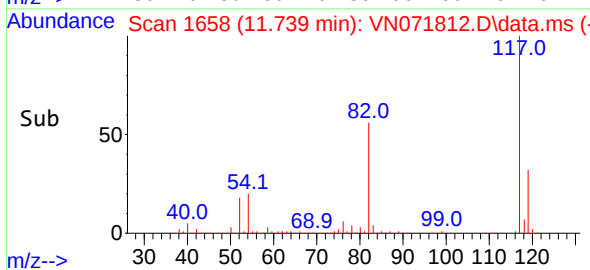
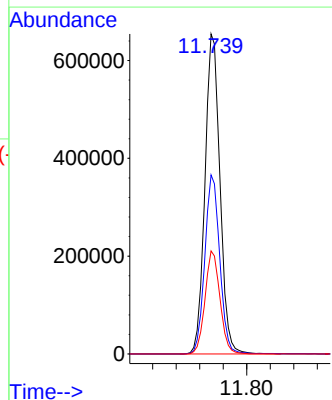
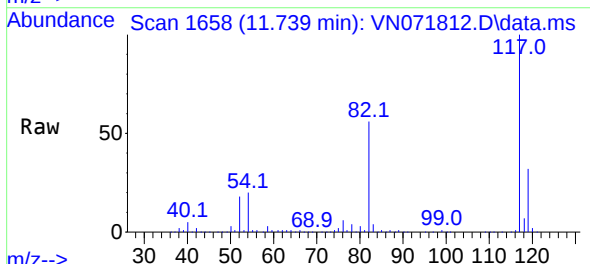
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MSVOA_N
ClientSampleId :
MW-5-BD

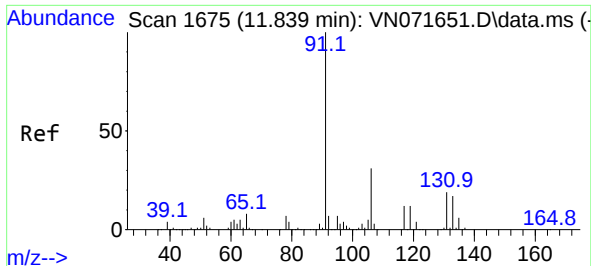
Tgt Ion: 95 Resp: 513747
Ion Ratio Lower Upper
95 100
174 84.4 0.0 167.6
176 81.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071812.D
Acq: 02 Apr 2022 20:58

Tgt Ion: 117 Resp: 1160770
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 32.2 25.4 38.0

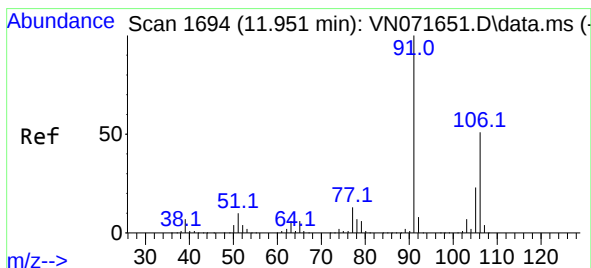
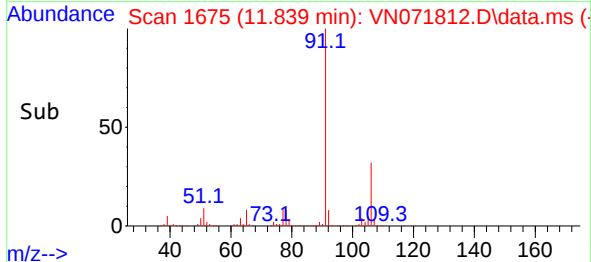
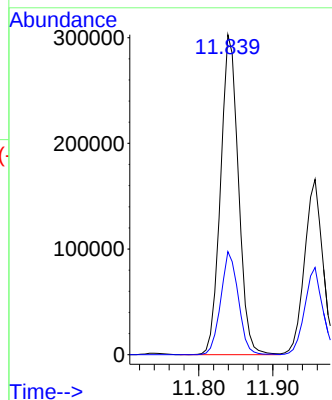
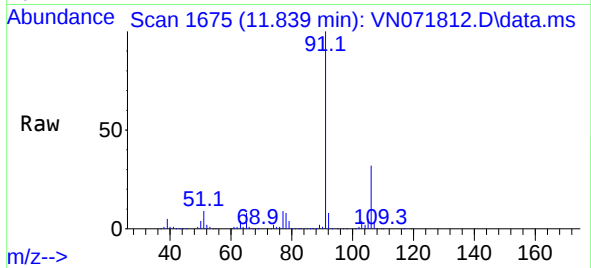




#67
Ethyl Benzene
Concen: 12.876 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071812.D
Acq: 02 Apr 2022 20:58

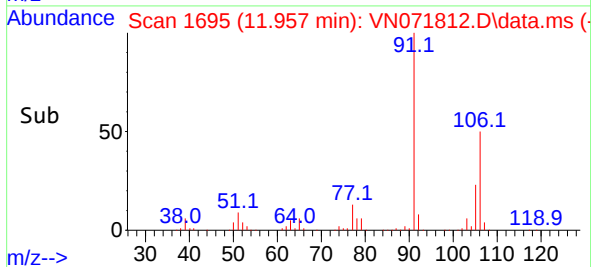
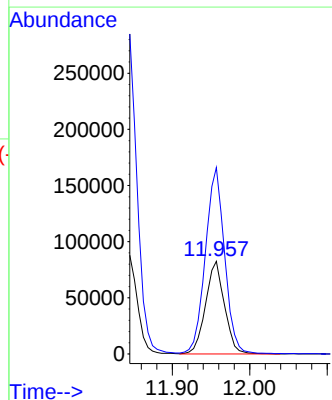
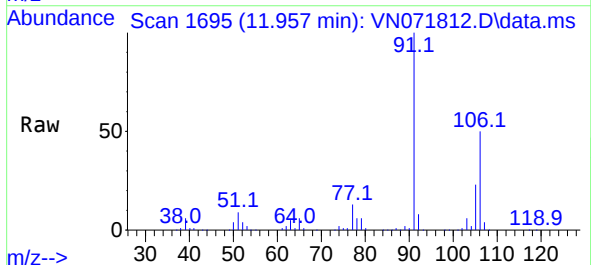
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MW-5-BD

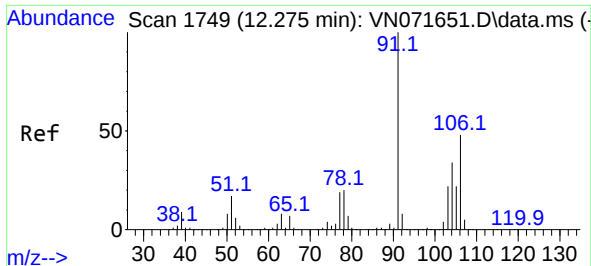
Tgt Ion: 91 Resp: 506646
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3



#68
m/p-Xylenes
Concen: 9.231 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VN071812.D
Acq: 02 Apr 2022 20:58

Tgt Ion: 106 Resp: 139553
Ion Ratio Lower Upper
106 100
91 204.5 158.9 238.3

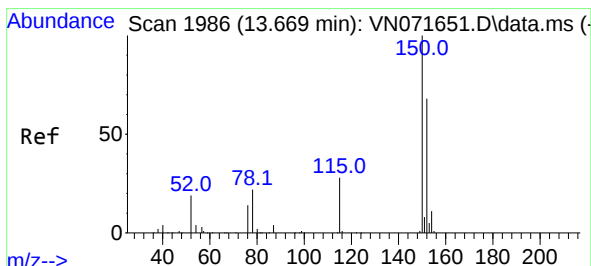
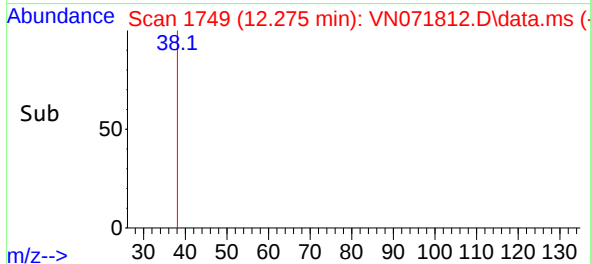
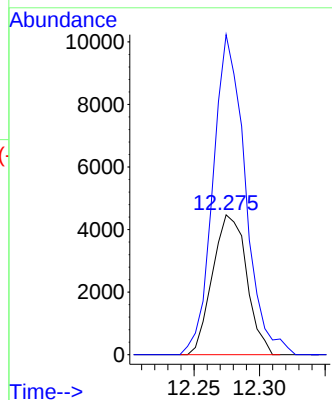
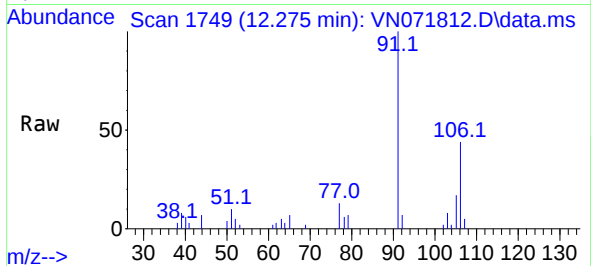




#69
o-Xylene
Concen: 0.539 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071812.D
Acq: 02 Apr 2022 20:58

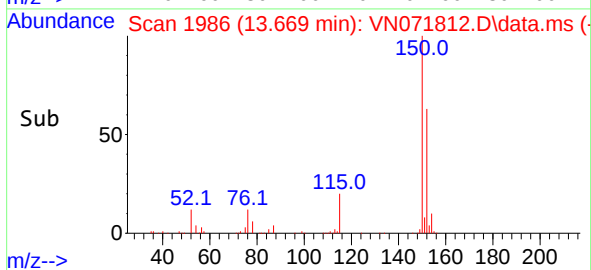
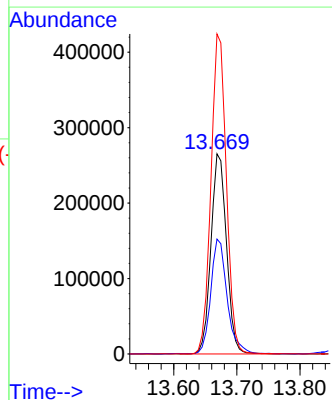
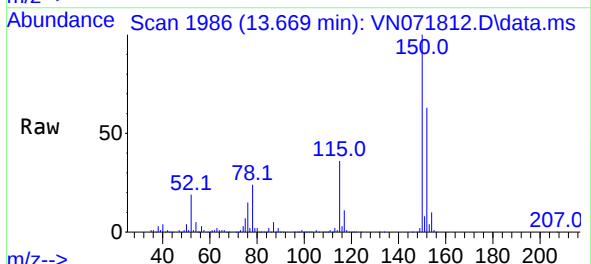
Instrument :
MSVOA_N
ClientSampleId :
MW-5-BD

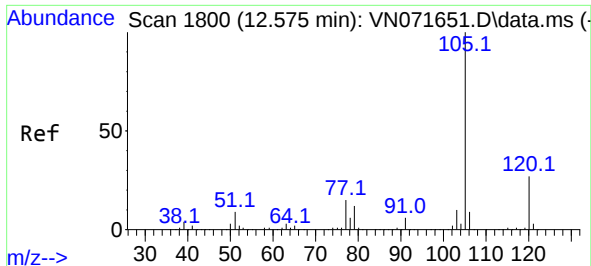
Tgt Ion:106 Resp: 8085
Ion Ratio Lower Upper
106 100
91 216.1 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071812.D
Acq: 02 Apr 2022 20:58

Tgt Ion:152 Resp: 453395
Ion Ratio Lower Upper
152 100
115 60.9 28.9 86.7
150 158.2 0.0 356.2

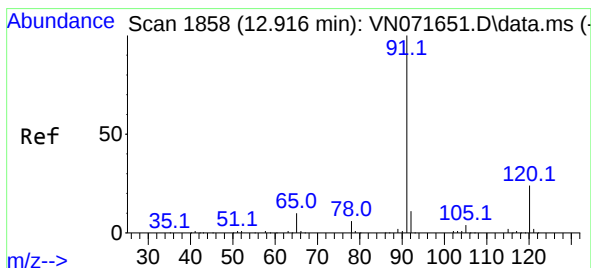
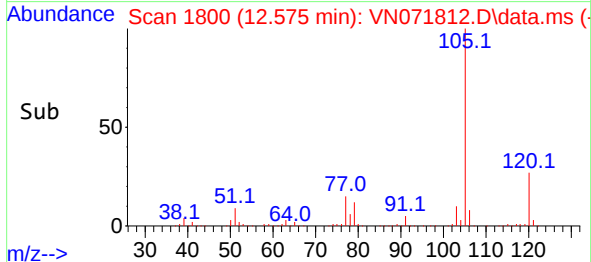
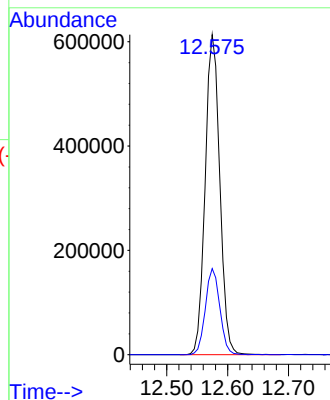
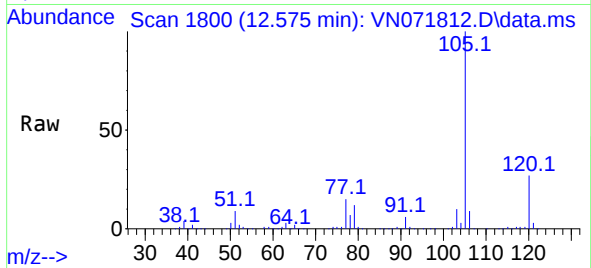




#73
Isopropylbenzene
Concen: 26.687 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071812.D
Acq: 02 Apr 2022 20:58

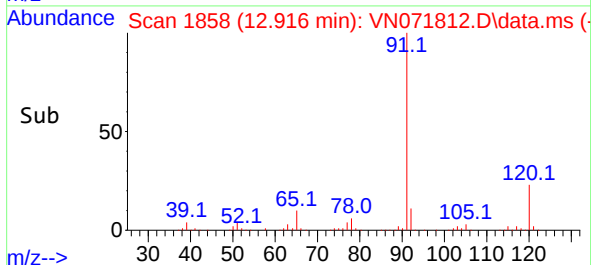
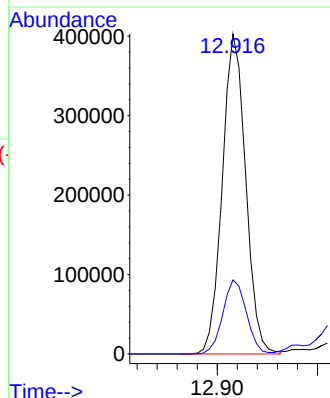
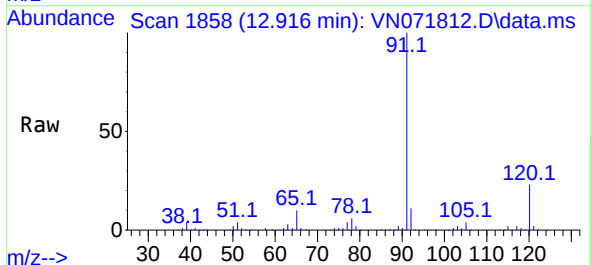
Instrument :
MSVOA_N
ClientSampleId :
MW-5-BD

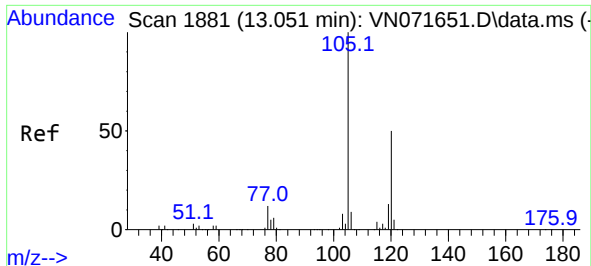
Tgt Ion:105 Resp: 1019613
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#78
n-propylbenzene
Concen: 16.165 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071812.D
Acq: 02 Apr 2022 20:58

Tgt Ion: 91 Resp: 649682
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5

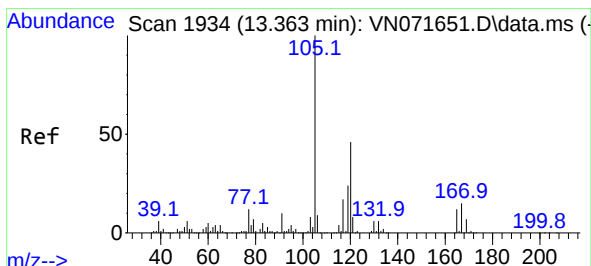
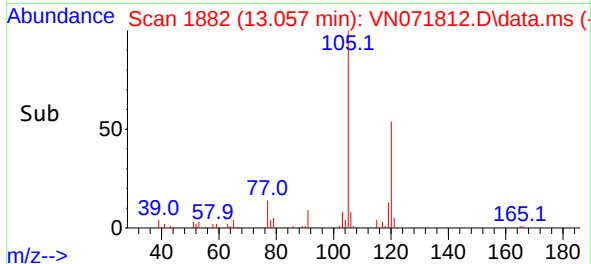
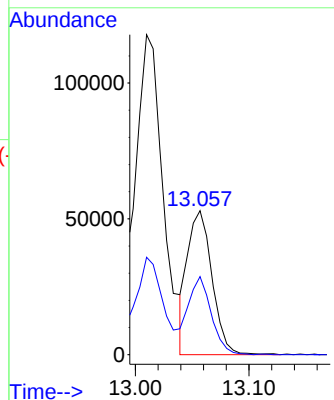
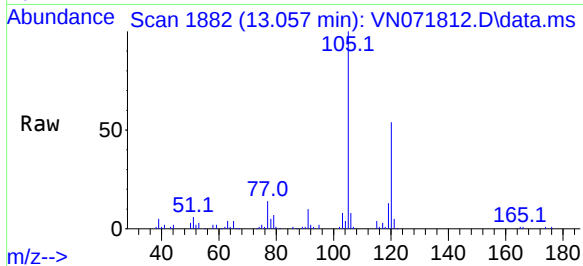




#80
1,3,5-Trimethylbenzene
Concen: 2.621 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071812.D
Acq: 02 Apr 2022 20:58

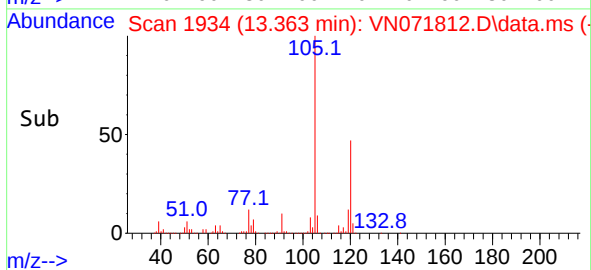
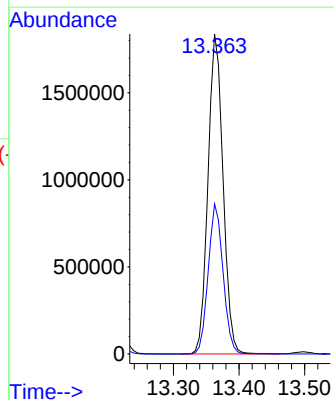
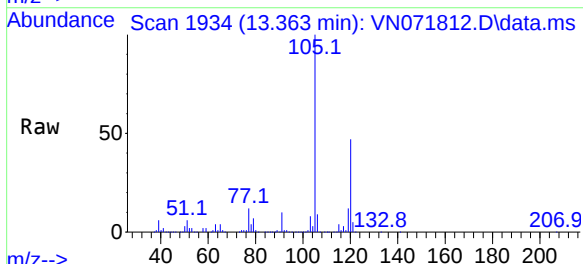
Instrument :
MSVOA_N
ClientSampleId :
MW-5-BD

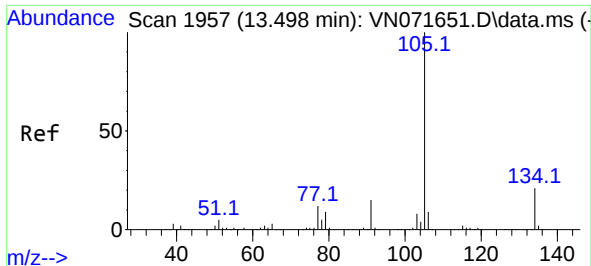
Tgt Ion:105 Resp: 79344
Ion Ratio Lower Upper
105 100
120 54.4 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 99.389 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071812.D
Acq: 02 Apr 2022 20:58

Tgt Ion:105 Resp: 2935525
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.8

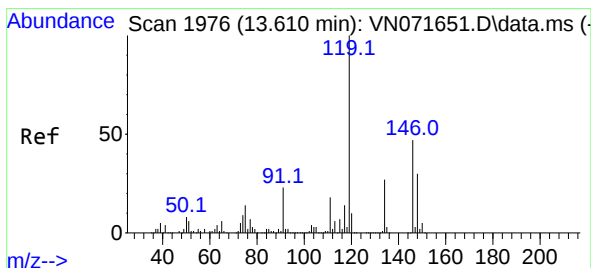
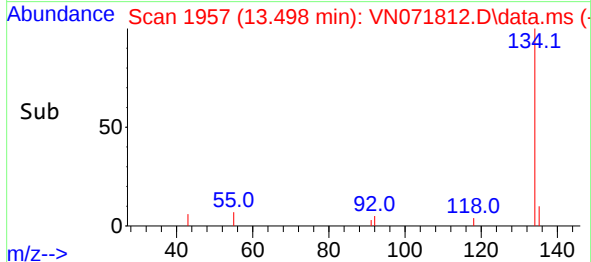
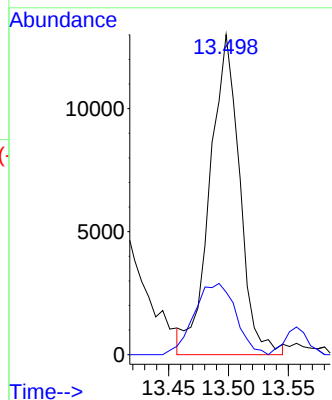
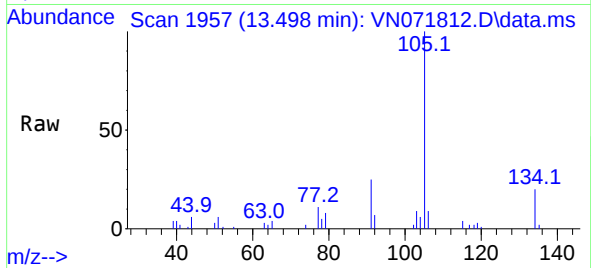




#85
 sec-Butylbenzene
 Concen: 0.626 ug/l m
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071812.D
 Acq: 02 Apr 2022 20:58

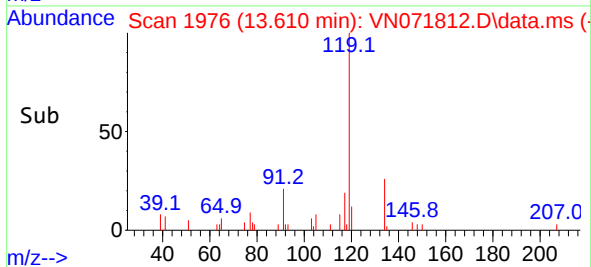
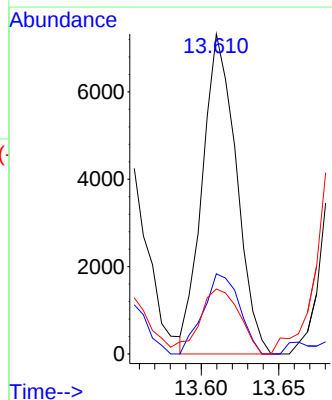
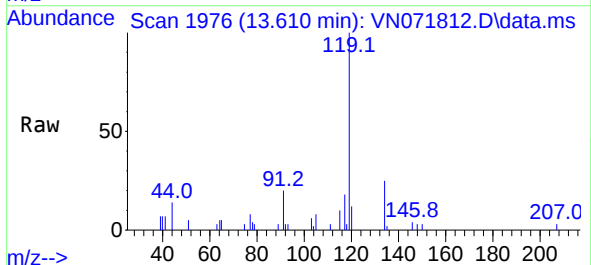
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5-BD

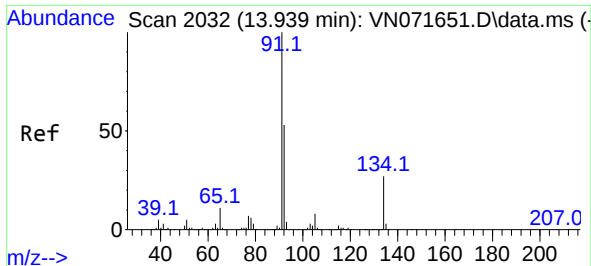
Tgt Ion:105 Resp: 22446
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.390 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071812.D
 Acq: 02 Apr 2022 20:58

Tgt Ion:119 Resp: 11164
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 0.0 11.3 33.9#

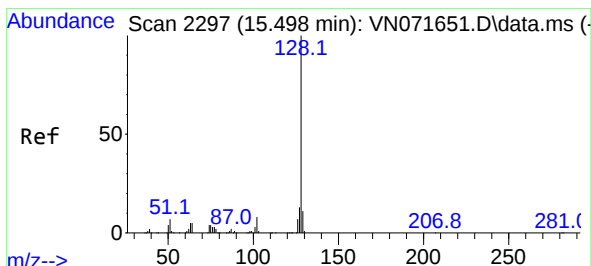
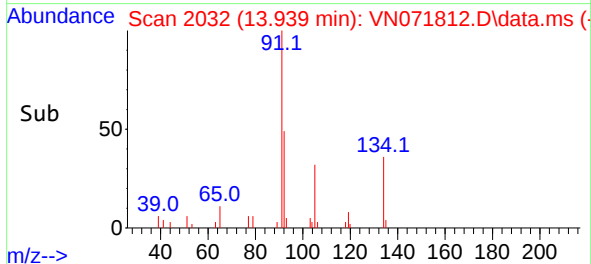
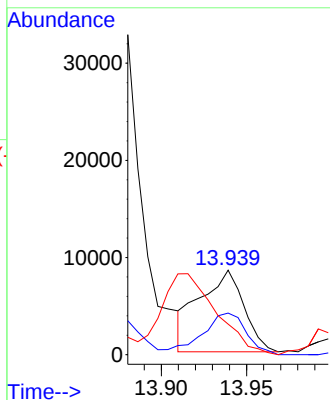
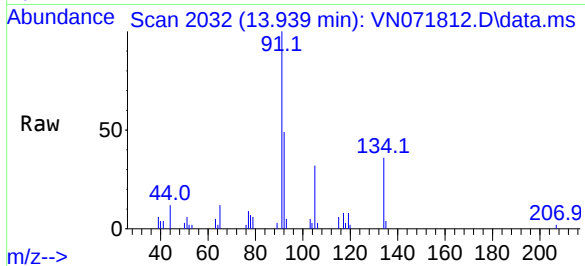




#89
n-Butylbenzene
Concen: 0.723 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071812.D
Acq: 02 Apr 2022 20:58

Instrument :
MSVOA_N
ClientSampleId :
MW-5-BD

Tgt Ion: 91 Resp: 15329
Ion Ratio Lower Upper
91 100
92 49.6 26.9 80.7
134 0.0 13.6 40.8#



#95
Naphthalene
Concen: 8.367 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071812.D
Acq: 02 Apr 2022 20:58

Tgt Ion: 128 Resp: 101983
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 10.8 8.6 13.0

