

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
 Data File : VN071121.D
 Acq On : 01 Mar 2022 16:12
 Operator : JC\MD
 Sample : N1689-03 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-39

Quant Time: Mar 02 03:30:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

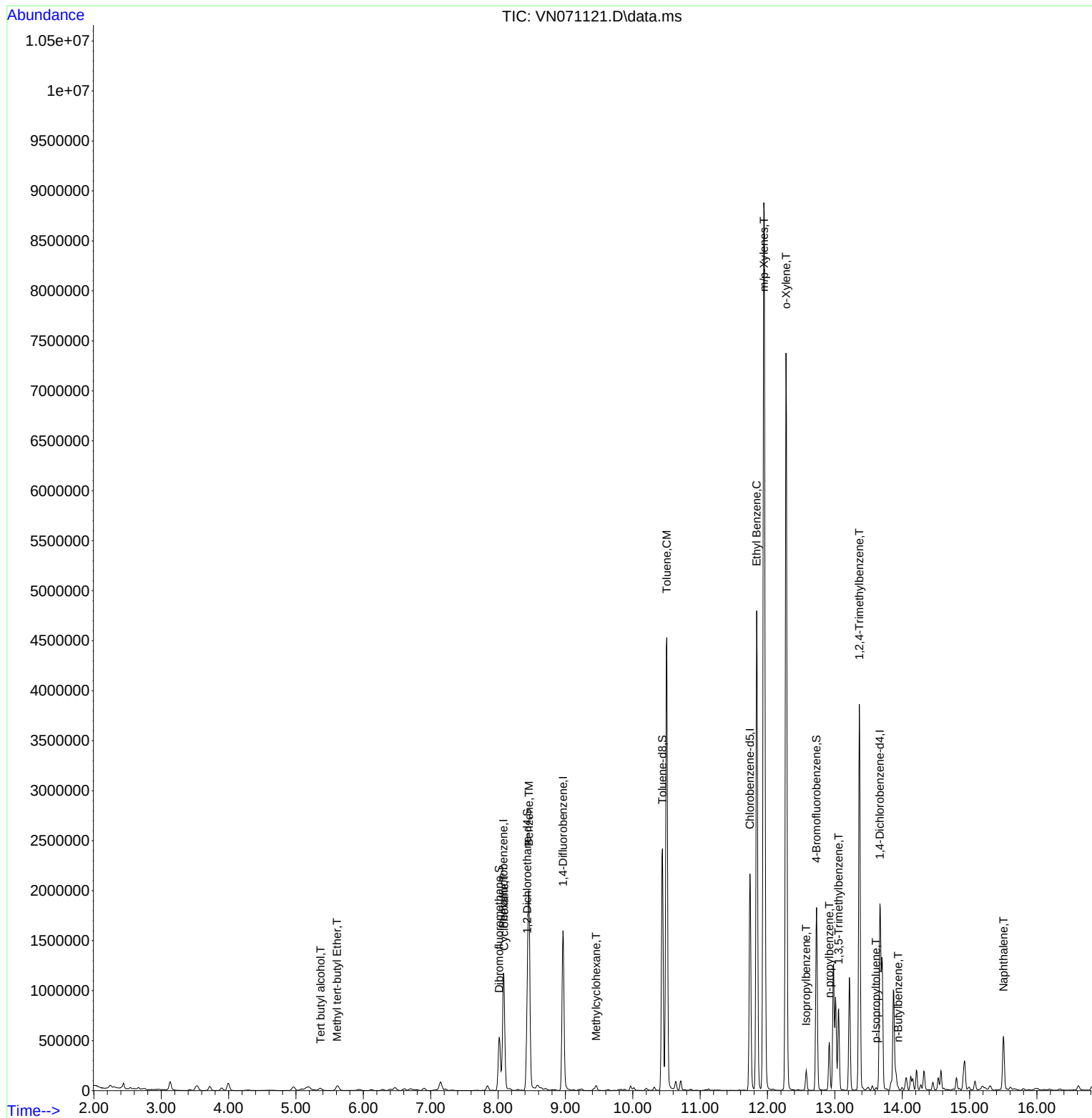
Internal Standards						
1) Pentafluorobenzene	8.080	168	880995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1407596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1277828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	519475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	529217	52.586	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.180%	
35) Dibromofluoromethane	8.016	113	403131	48.150	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.300%	
50) Toluene-d8	10.439	98	1700815	50.585	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.180%	
62) 4-Bromofluorobenzene	12.727	95	651955	54.247	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 108.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.363	59	44138	24.066	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	45522	1.505	ug/l #	8
31) Cyclohexane	8.092	56	48751	2.801	ug/l #	72
39) Methylcyclohexane	9.457	83	19063	1.080	ug/l #	86
40) Benzene	8.457	78	1874788	46.206	ug/l	100
52) Toluene	10.504	92	2040094	80.018	ug/l	95
67) Ethyl Benzene	11.839	91	3466716	71.934	ug/l	98
68) m/p-Xylenes	11.945	106	3019162	162.186	ug/l	98
69) o-Xylene	12.274	106	2042164	112.302	ug/l	97
73) Isopropylbenzene	12.574	105	126582	3.027	ug/l	99
78) n-propylbenzene	12.915	91	387059	8.239	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	448438	13.238	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	2222610	66.653	ug/l	100
86) p-Isopropyltoluene	13.609	119	12678	0.365	ug/l #	77
89) n-Butylbenzene	13.939	91	11862	0.418	ug/l #	62
95) Naphthalene	15.503	128	499689	24.358	ug/l	99

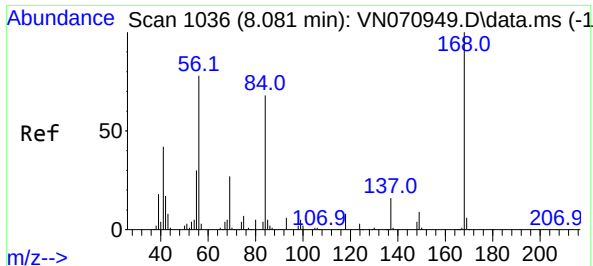
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
Data File : VN071121.D
Acq On : 01 Mar 2022 16:12
Operator : JC\MD
Sample : N1689-03 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-39

Quant Time: Mar 02 03:30:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
Response via : Initial Calibration

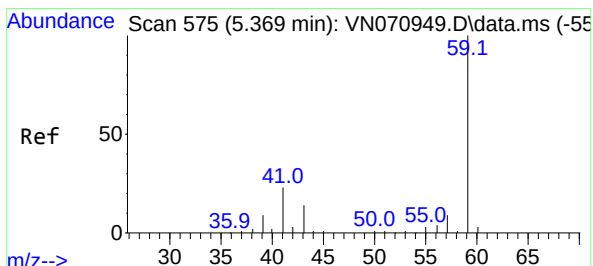
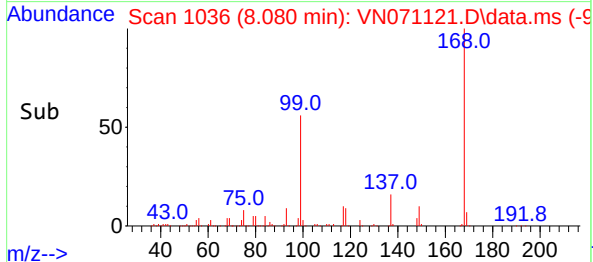
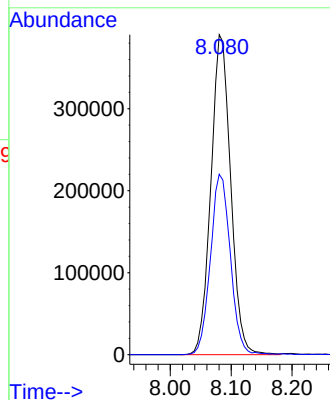
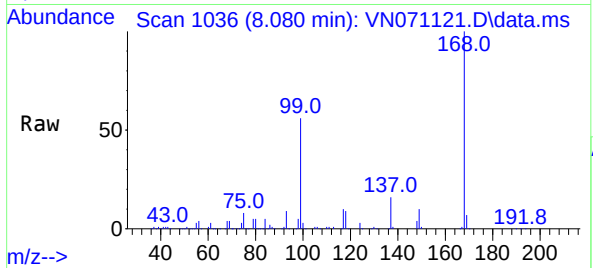




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

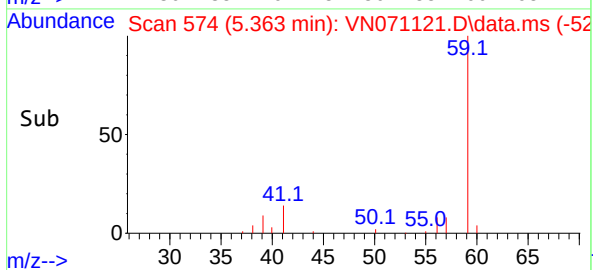
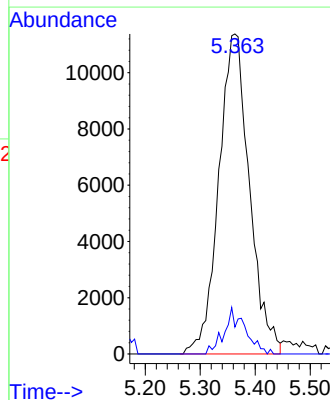
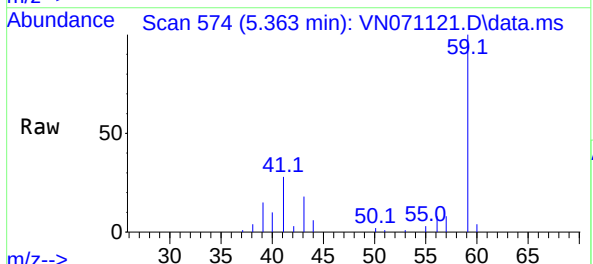
Instrument :
MSVOA_N
ClientSampleId :
MW-39

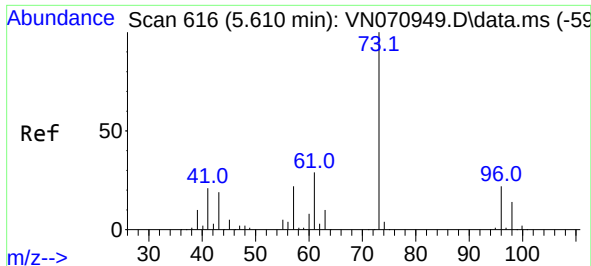
Tgt Ion:168 Resp: 880995
Ion Ratio Lower Upper
168 100
99 56.4 41.3 61.9



#11
Tert butyl alcohol
Concen: 24.066 ug/l
RT: 5.363 min Scan# 574
Delta R.T. -0.006 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

Tgt Ion: 59 Resp: 44138
Ion Ratio Lower Upper
59 100
57 9.9 8.7 13.1





#19

Methyl tert-butyl Ether

Concen: 1.505 ug/l

RT: 5.610 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN071121.D

Acq: 01 Mar 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

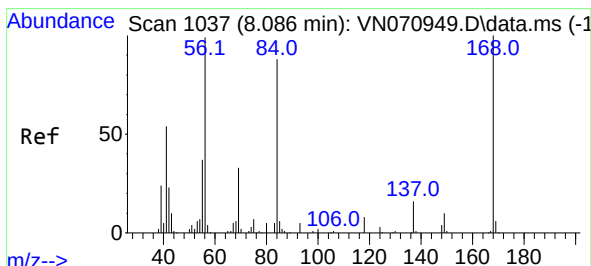
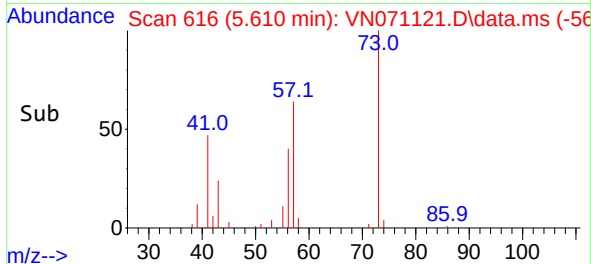
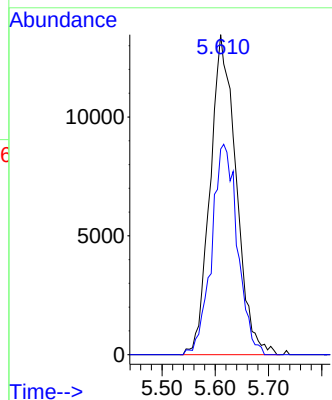
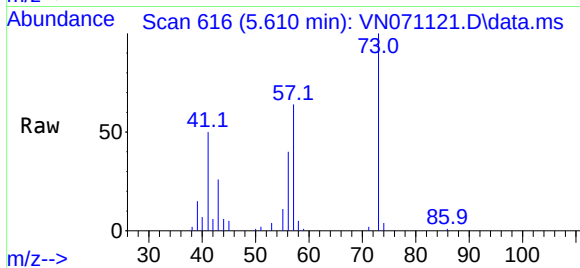
MW-39

Tgt Ion: 73 Resp: 45522

Ion Ratio Lower Upper

73 100

57 64.2 16.8 25.2#



#31

Cyclohexane

Concen: 2.801 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VN071121.D

Acq: 01 Mar 2022 16:12

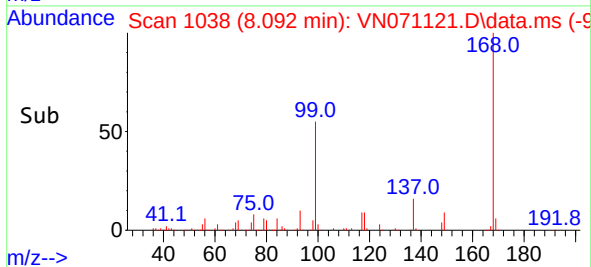
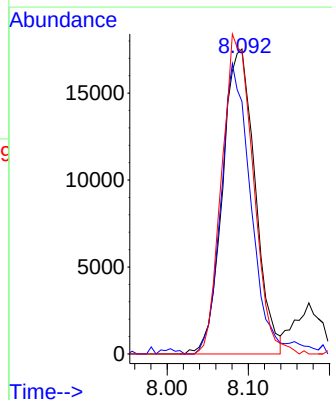
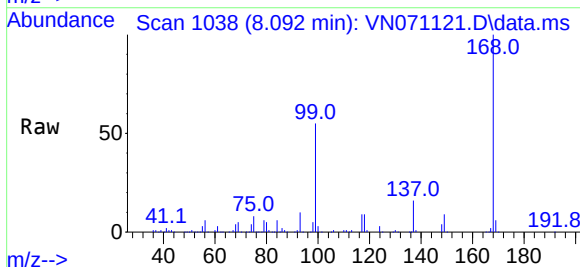
Tgt Ion: 56 Resp: 48751

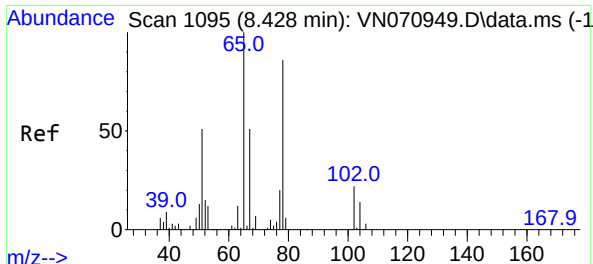
Ion Ratio Lower Upper

56 100

69 81.7 27.1 40.7#

84 99.2 73.4 110.0

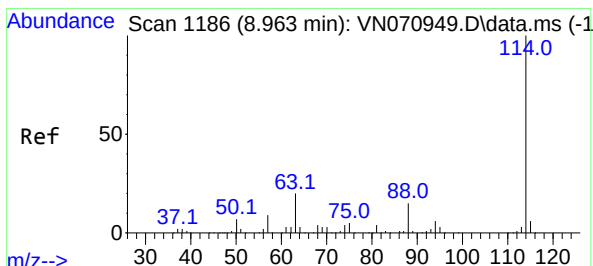
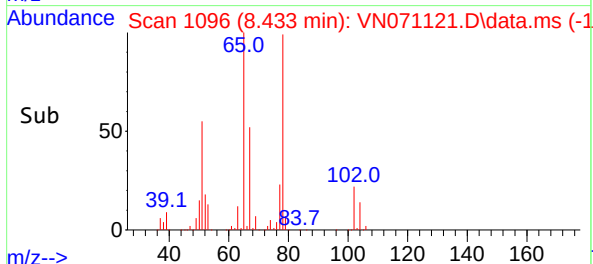
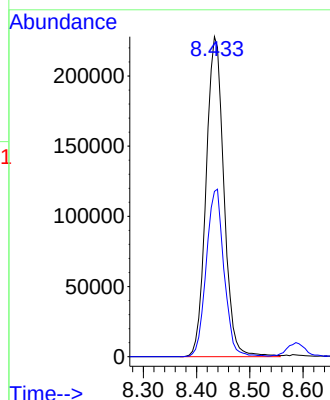
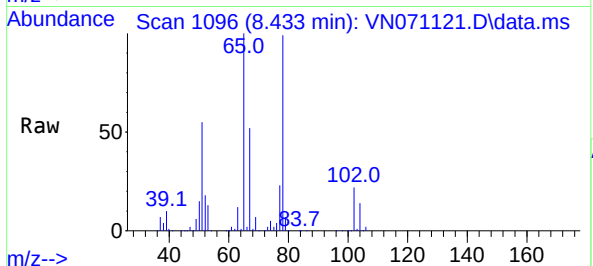




#33
1,2-Dichloroethane-d4
Concen: 52.586 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

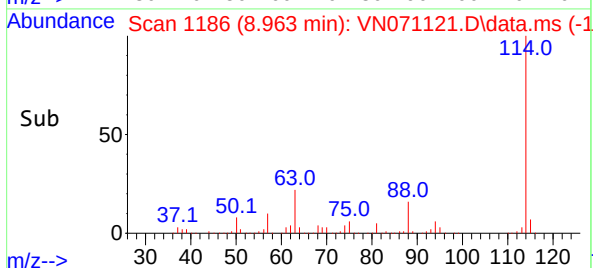
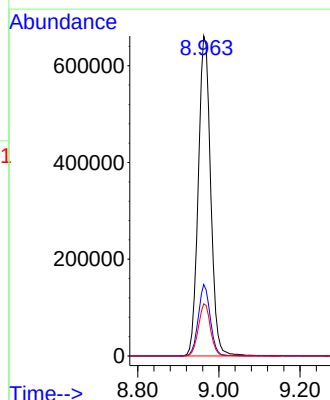
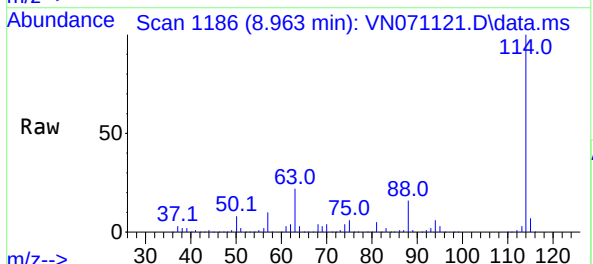
Instrument :
MSVOA_N
ClientSampleId :
MW-39

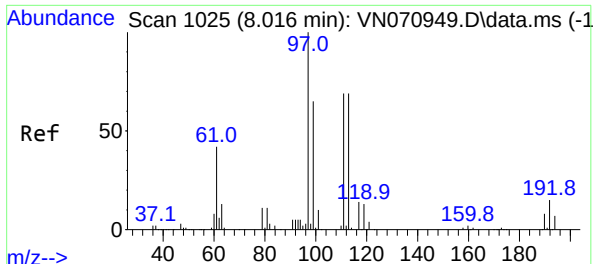
Tgt Ion: 65 Resp: 529217
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

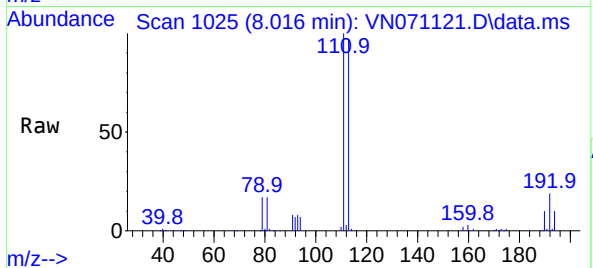
Tgt Ion: 114 Resp: 1407596
Ion Ratio Lower Upper
114 100
63 22.3 0.0 37.8
88 16.3 0.0 27.4



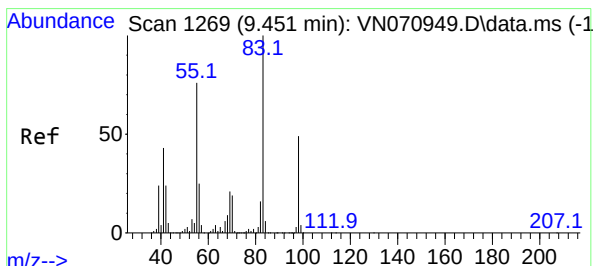
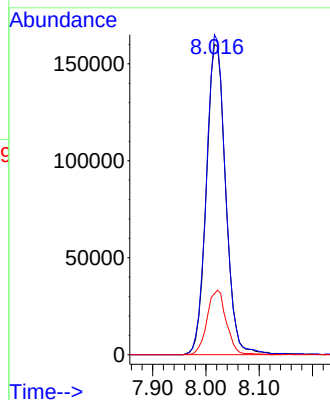
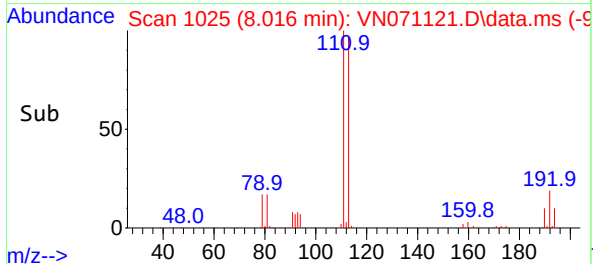


#35
Dibromofluoromethane
Concen: 48.150 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
MW-39

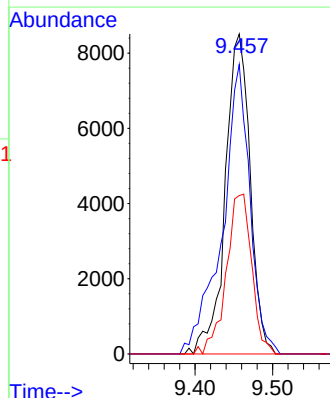
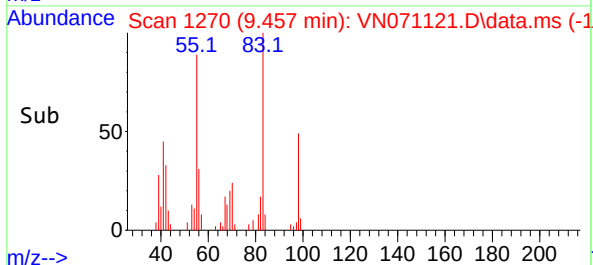
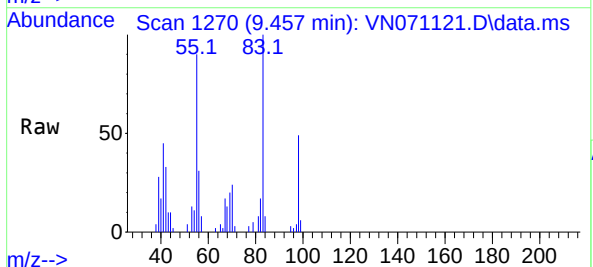


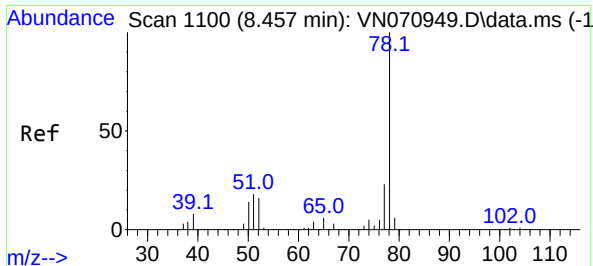
Tgt Ion:113 Resp: 403131
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 20.7 16.9 25.3



#39
Methylcyclohexane
Concen: 1.080 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

Tgt Ion: 83 Resp: 19063
Ion Ratio Lower Upper
83 100
55 90.5 58.1 87.1#
98 49.5 38.4 57.6

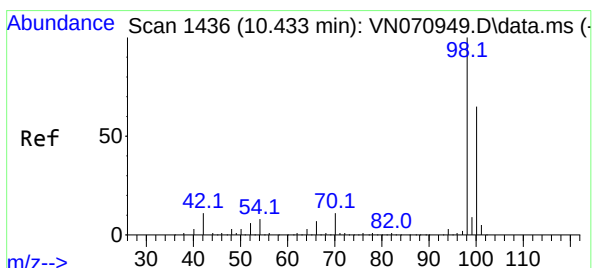
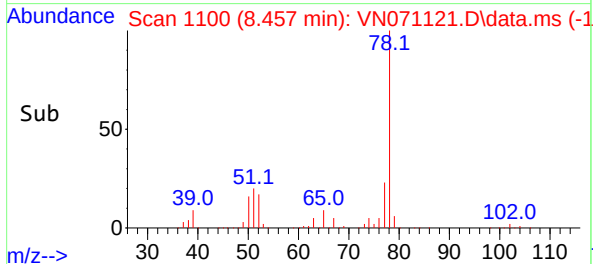
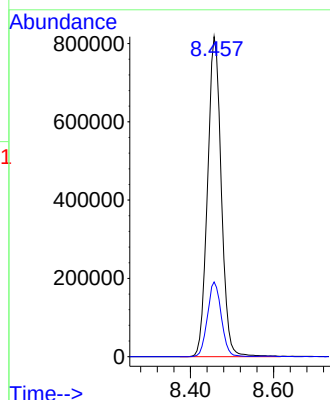
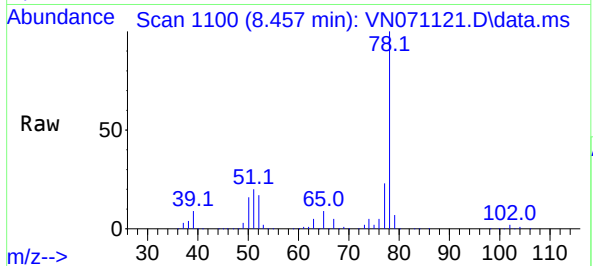




#40
Benzene
Concen: 46.206 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

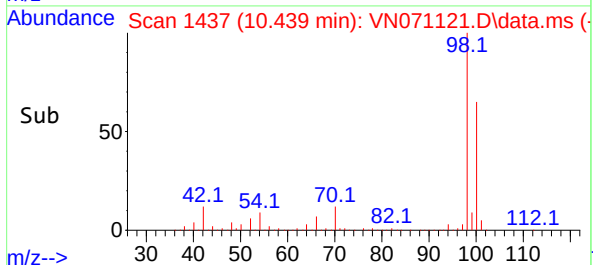
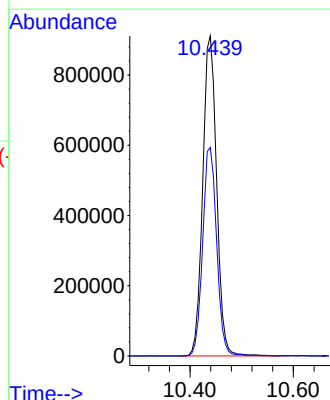
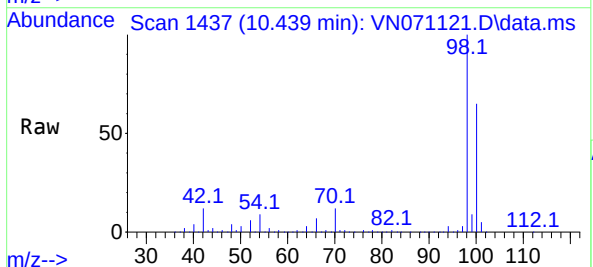
Instrument :
MSVOA_N
ClientSampleId :
MW-39

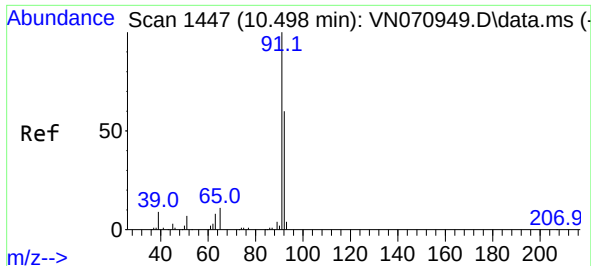
Tgt Ion: 78 Resp: 1874788
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8



#50
Toluene-d8
Concen: 50.585 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

Tgt Ion: 98 Resp: 1700815
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6

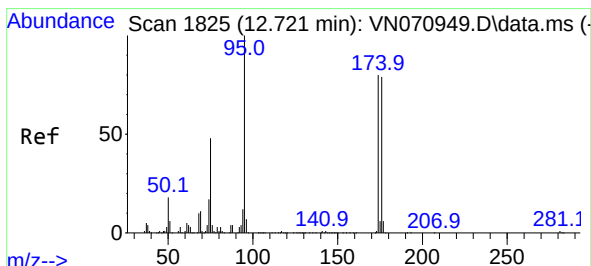
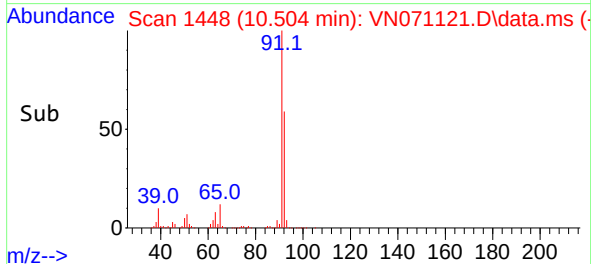
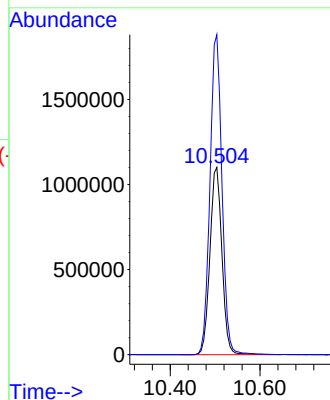
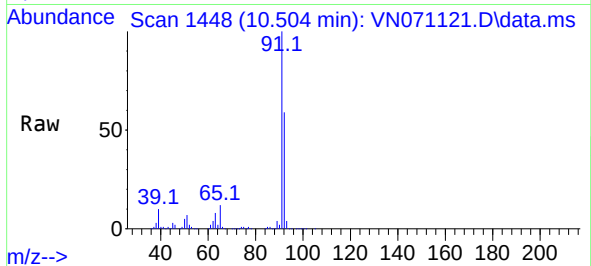




#52
Toluene
Concen: 80.018 ug/l
RT: 10.504 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

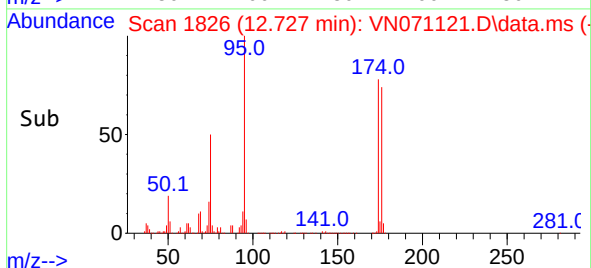
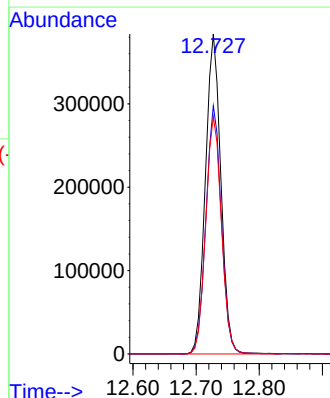
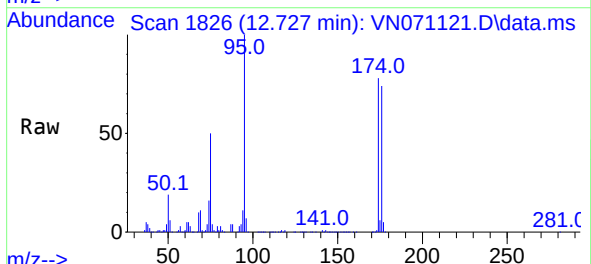
Instrument :
MSVOA_N
ClientSampleId :
MW-39

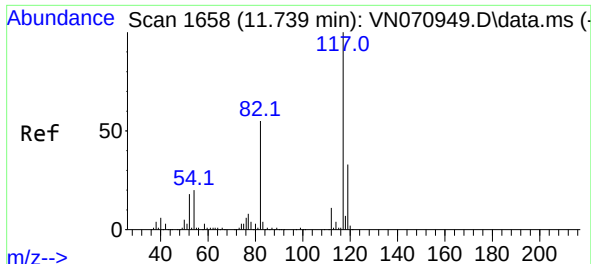
Tgt Ion: 92 Resp: 2040094
Ion Ratio Lower Upper
92 100
91 170.5 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 54.247 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

Tgt Ion: 95 Resp: 651955
Ion Ratio Lower Upper
95 100
174 77.6 0.0 187.2
176 75.3 0.0 181.4



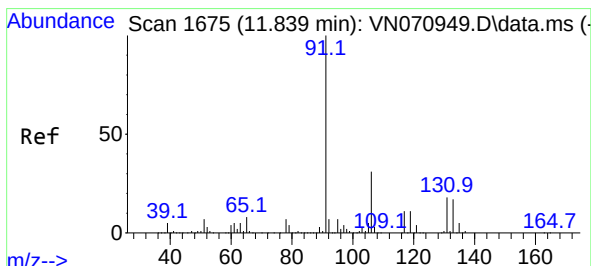
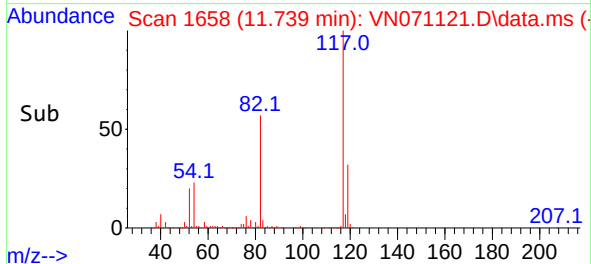
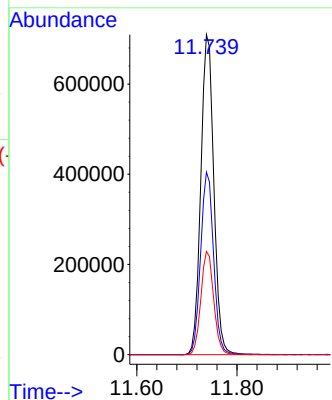
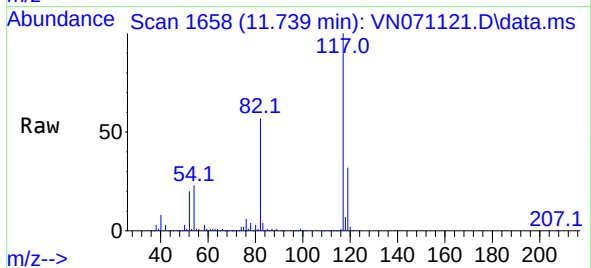


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
MW-39

Tgt Ion:117 Resp: 1277828

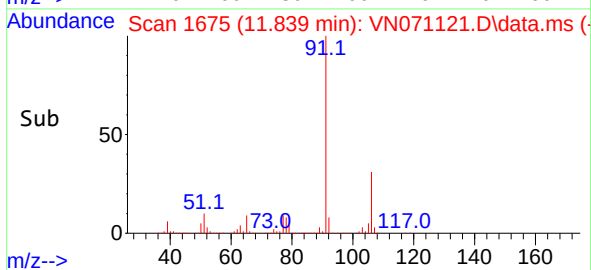
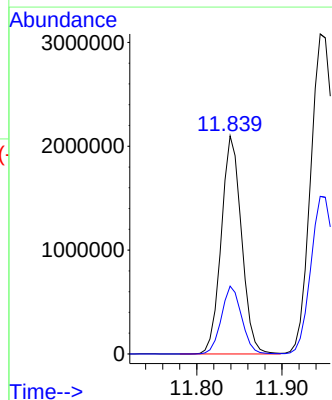
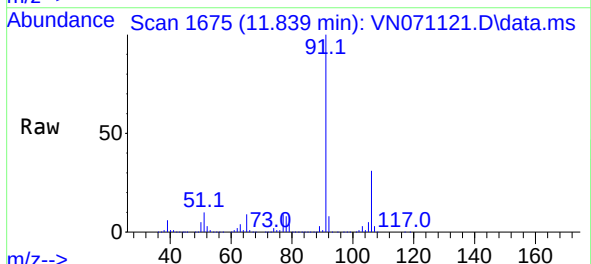
Ion	Ratio	Lower	Upper
117	100		
82	57.1	42.4	63.6
119	32.3	25.4	38.2

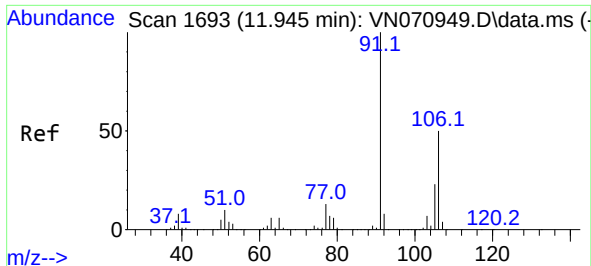


#67
Ethyl Benzene
Concen: 71.934 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

Tgt Ion: 91 Resp: 3466716

Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.7	38.5

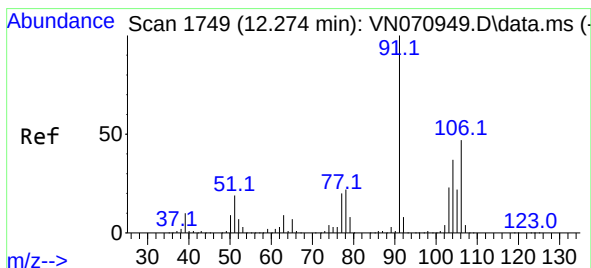
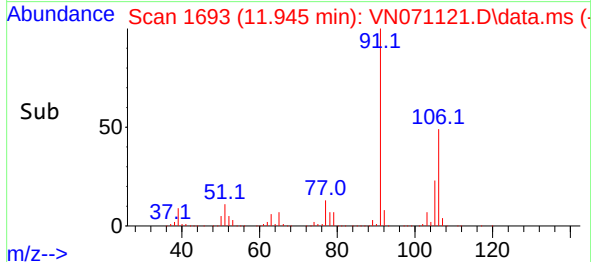
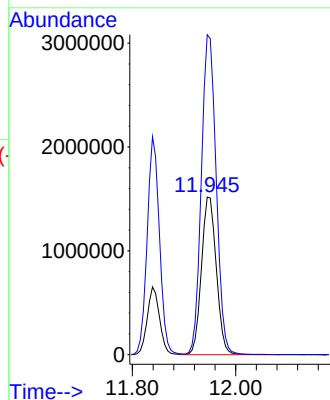
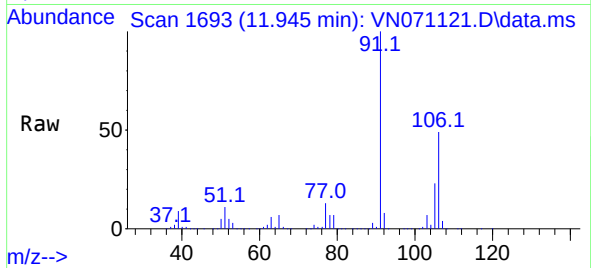




#68
m/p-Xylenes
Concen: 162.186 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

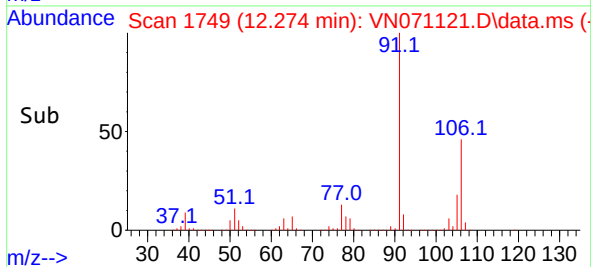
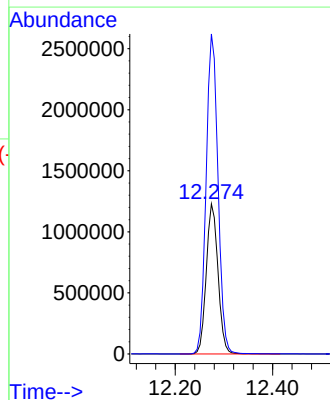
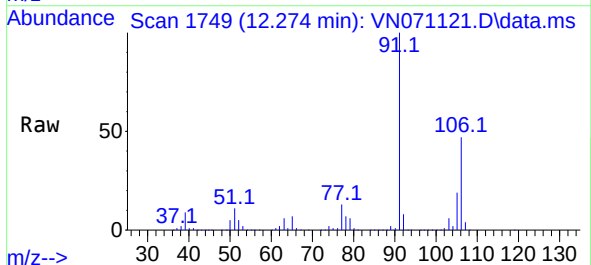
Instrument :
MSVOA_N
ClientSampleId :
MW-39

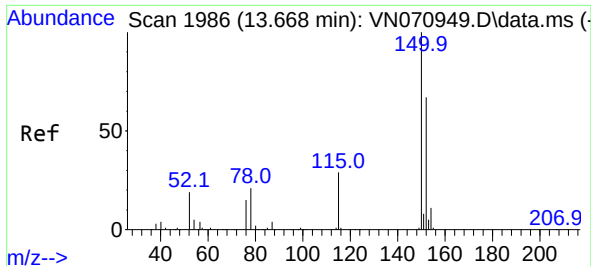
Tgt Ion:106 Resp: 3019162
Ion Ratio Lower Upper
106 100
91 203.5 160.6 240.8



#69
o-Xylene
Concen: 112.302 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

Tgt Ion:106 Resp: 2042164
Ion Ratio Lower Upper
106 100
91 215.8 105.8 317.3

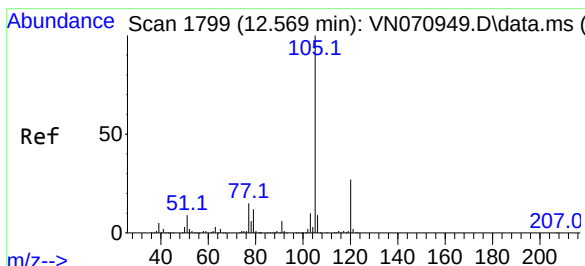
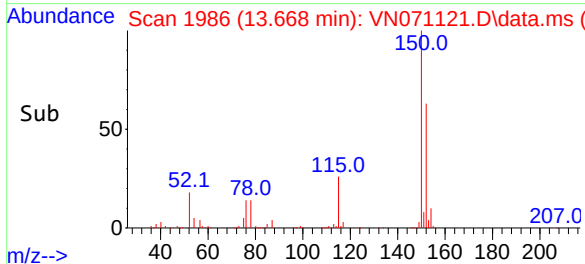
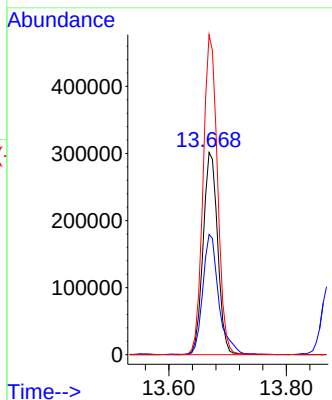
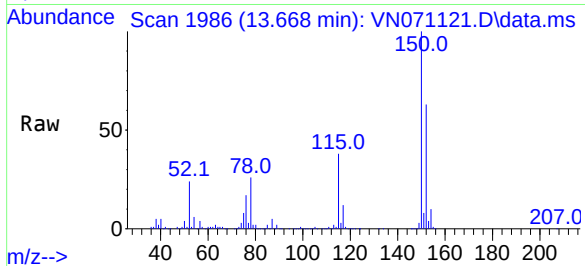




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

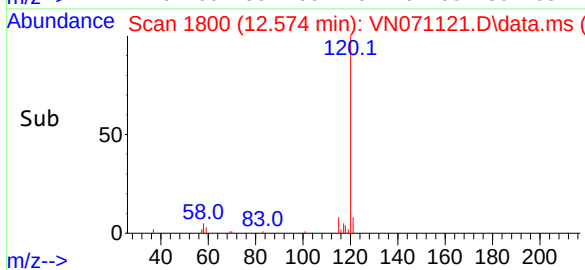
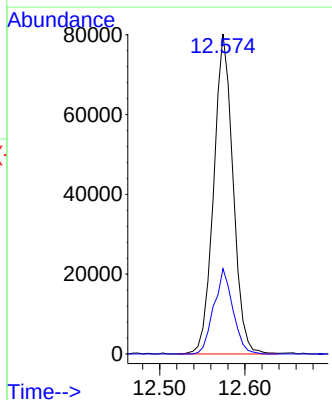
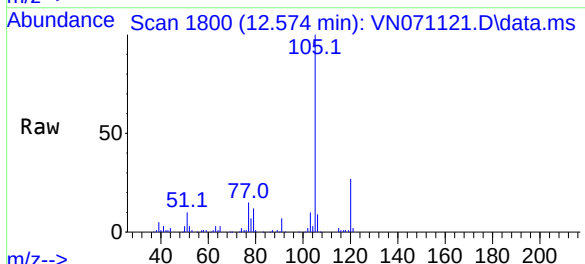
Instrument :
MSVOA_N
ClientSampleId :
MW-39

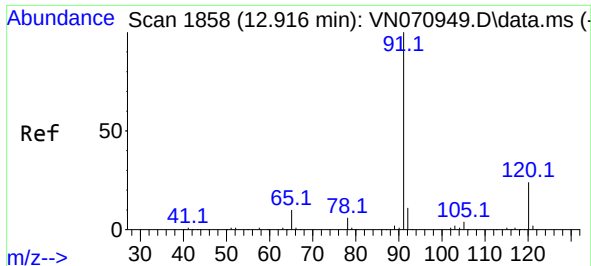
Tgt Ion:152 Resp: 519475
Ion Ratio Lower Upper
152 100
115 64.3 27.5 82.5
150 156.6 0.0 344.4



#73
Isopropylbenzene
Concen: 3.027 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

Tgt Ion:105 Resp: 126582
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

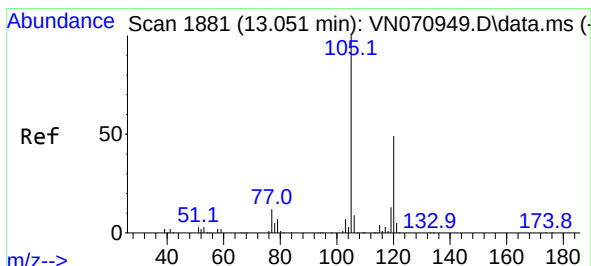
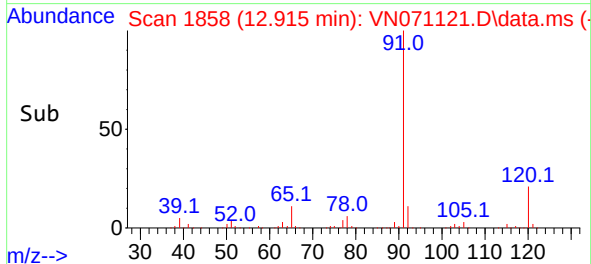
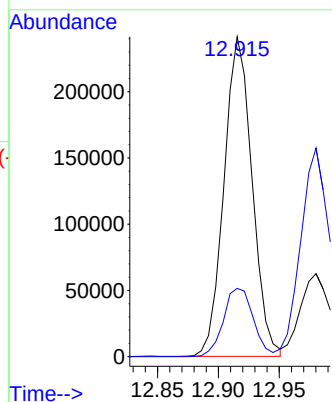
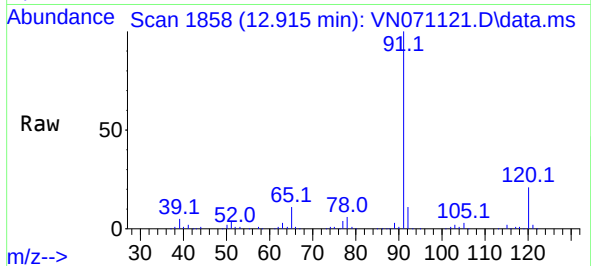




#78
n-propylbenzene
Concen: 8.239 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

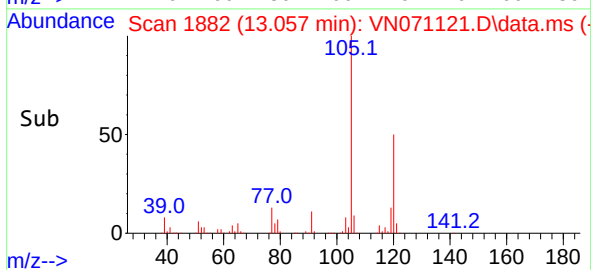
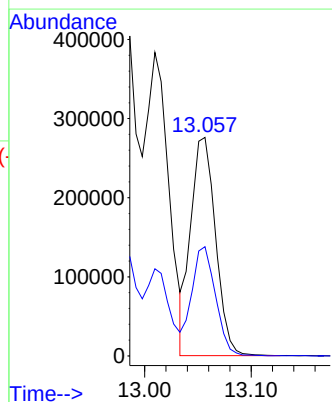
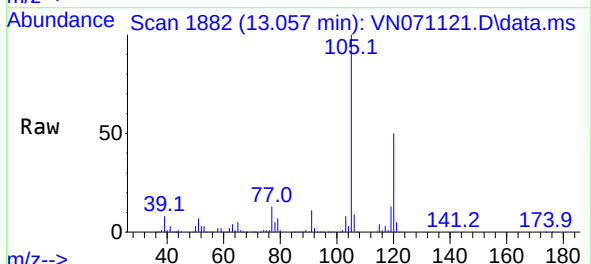
Instrument :
MSVOA_N
ClientSampleId :
MW-39

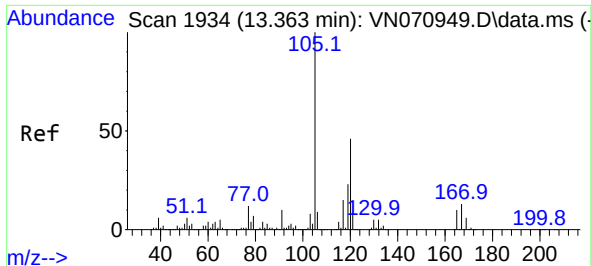
Tgt Ion: 91 Resp: 387059
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 13.238 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

Tgt Ion: 105 Resp: 448438
Ion Ratio Lower Upper
105 100
120 48.1 24.6 73.6

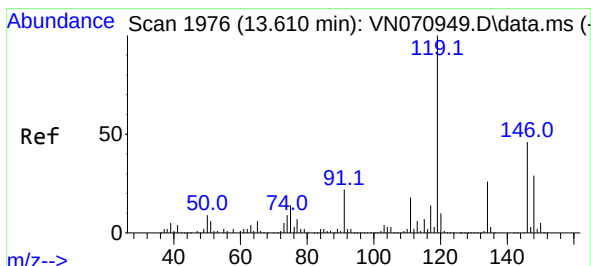
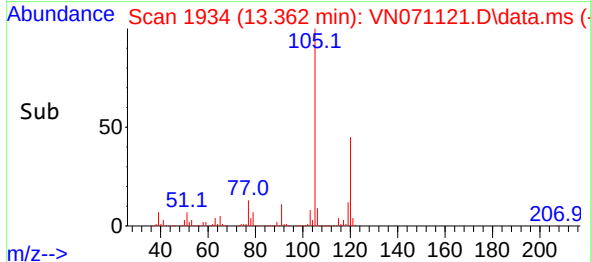
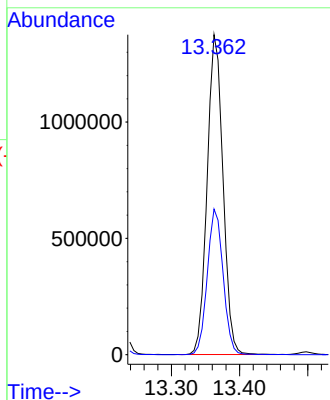
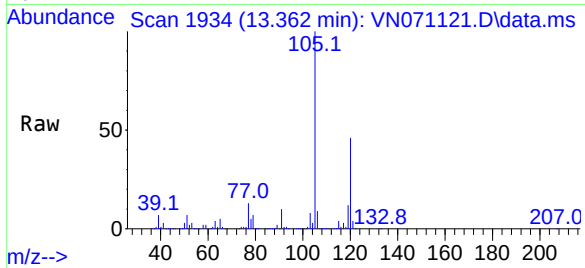




#84
1,2,4-Trimethylbenzene
Concen: 66.653 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

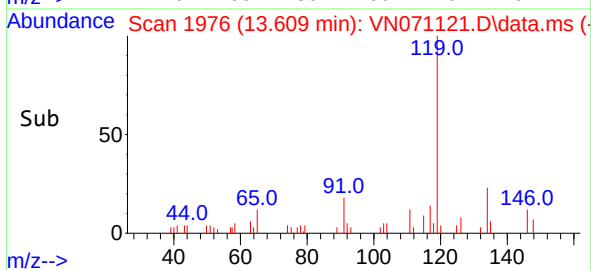
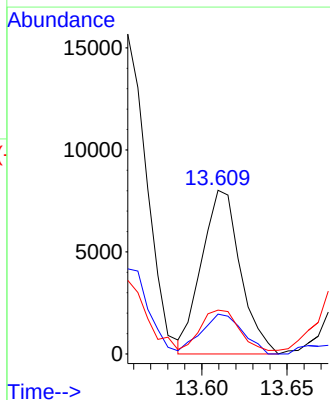
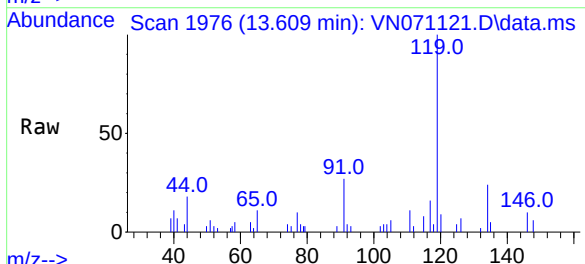
Instrument :
MSVOA_N
ClientSampleId :
MW-39

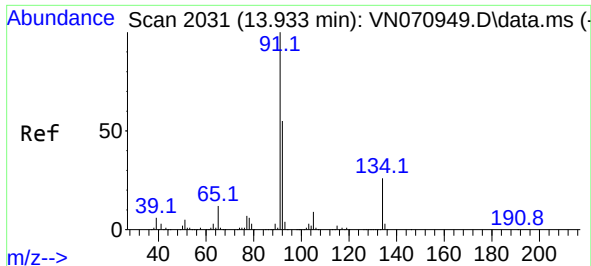
Tgt Ion:105 Resp: 2222610
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.4



#86
p-Isopropyltoluene
Concen: 0.365 ug/l
RT: 13.609 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071121.D
Acq: 01 Mar 2022 16:12

Tgt Ion:119 Resp: 12678
Ion Ratio Lower Upper
119 100
134 26.0 13.6 40.7
91 0.0 11.4 34.1#





#89

n-Butylbenzene

Concen: 0.418 ug/l

RT: 13.939 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VN071121.D

Acq: 01 Mar 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

MW-39

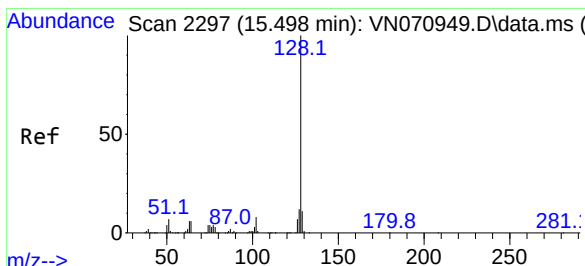
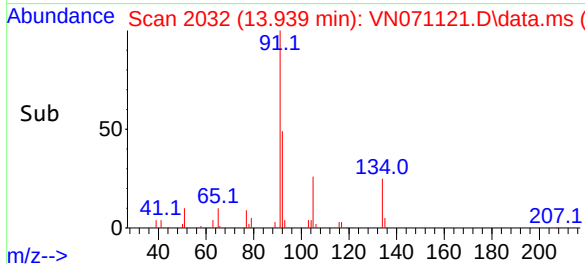
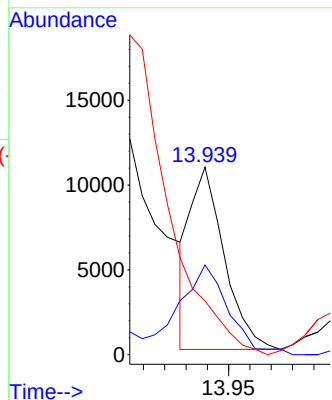
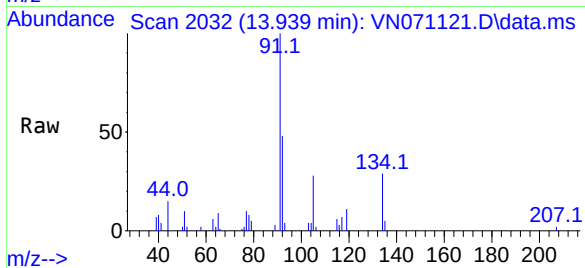
Tgt Ion: 91 Resp: 11862

Ion Ratio Lower Upper

91 100

92 72.2 25.4 76.0

134 0.0 13.6 40.8#



#95

Naphthalene

Concen: 24.358 ug/l

RT: 15.503 min Scan# 2298

Delta R.T. 0.005 min

Lab File: VN071121.D

Acq: 01 Mar 2022 16:12

Tgt Ion:128 Resp: 499689

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 11.5 8.7 13.1

