

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071827.D
 Acq On : 04 Apr 2022 13:01
 Operator : JC\MD
 Sample : N2242-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Quant Time: Apr 05 01:17:31 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)

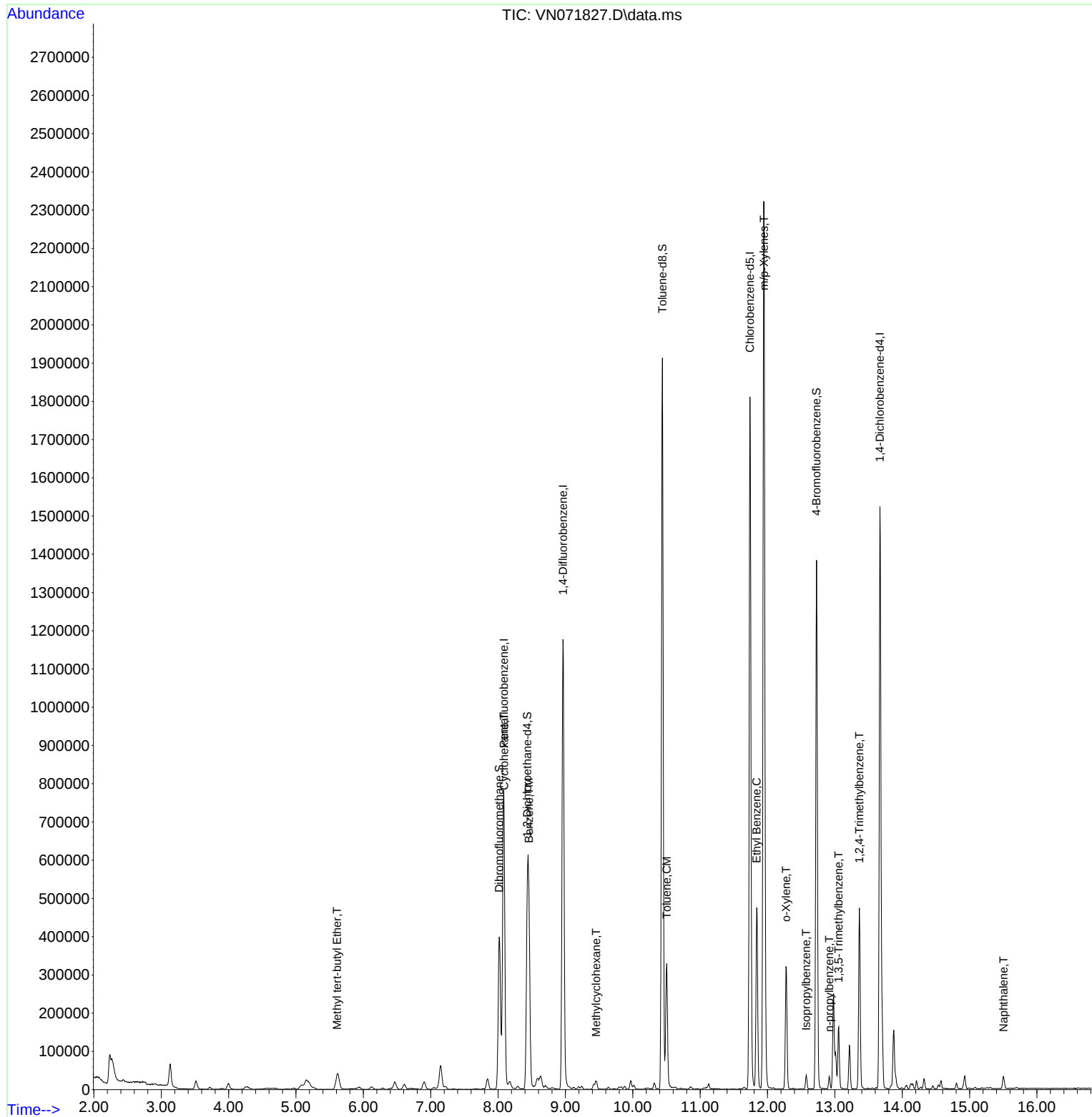
Internal Standards						
1) Pentafluorobenzene	8.087	168	642136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1095297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1127827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	441529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	364139	49.673	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.340%
35) Dibromofluoromethane	8.016	113	310454	48.168	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.340%
50) Toluene-d8	10.439	98	1376289	52.200	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.400%
62) 4-Bromofluorobenzene	12.727	95	501927	58.863	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	117.720%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.610	73	38214	1.941	ug/l #	8
31) Cyclohexane	8.092	56	25118	2.520	ug/l #	63
39) Methylcyclohexane	9.457	83	9681	0.904	ug/l	92
40) Benzene	8.457	78	415079	14.599	ug/l	99
52) Toluene	10.504	92	144354	8.032	ug/l	98
67) Ethyl Benzene	11.839	91	361859	9.465	ug/l	100
68) m/p-Xylenes	11.945	106	788392	53.672	ug/l	100
69) o-Xylene	12.275	106	95171	6.528	ug/l	99
73) Isopropylbenzene	12.574	105	23708	0.637	ug/l	100
78) n-propylbenzene	12.916	91	27154	0.694	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	88113	2.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	279561	9.720	ug/l	99
95) Naphthalene	15.504	128	31383	5.245	ug/l	99

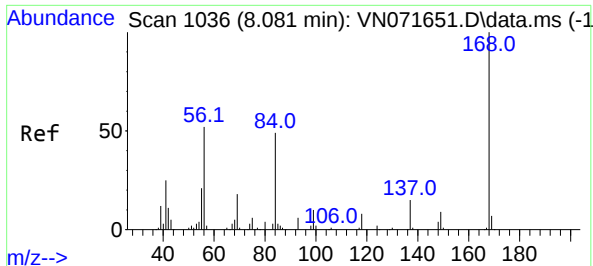
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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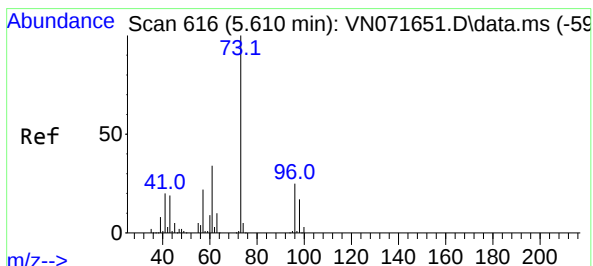
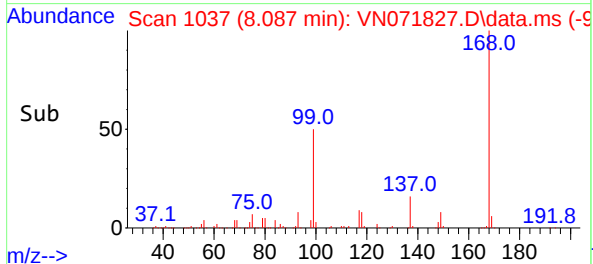
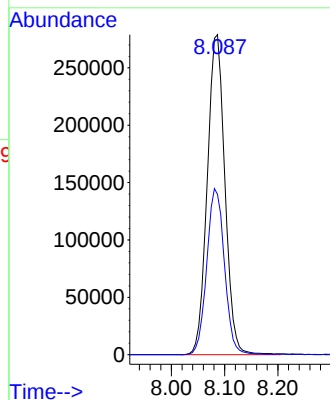
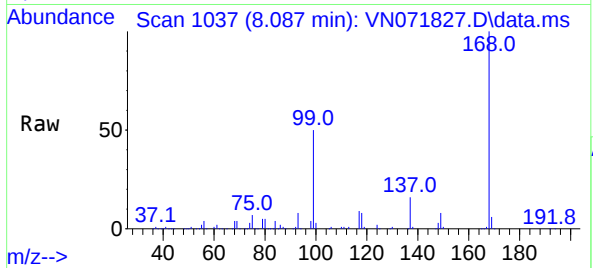




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

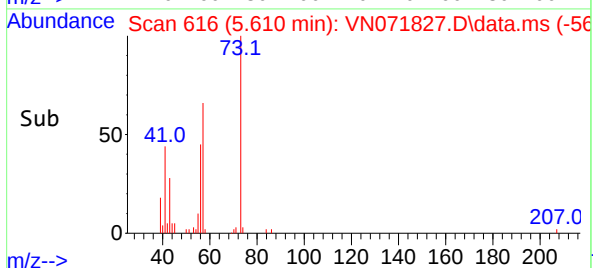
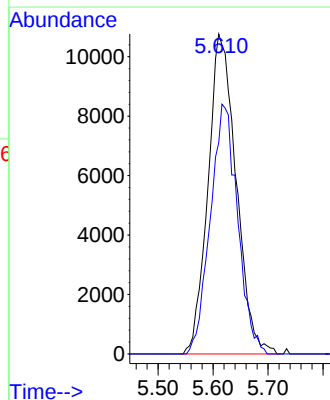
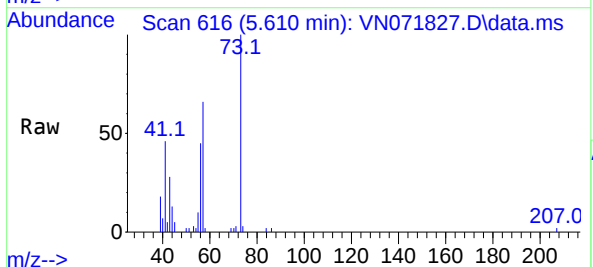
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

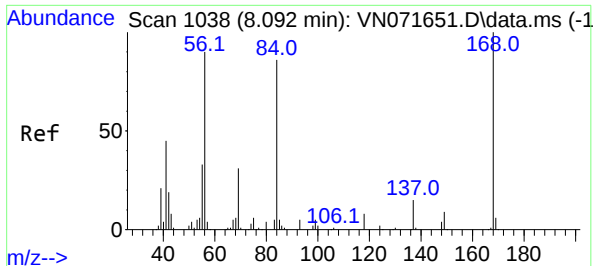
Tgt Ion:168 Resp: 642136
Ion Ratio Lower Upper
168 100
99 50.1 42.3 63.5



#19
Methyl tert-butyl Ether
Concen: 1.941 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

Tgt Ion: 73 Resp: 38214
Ion Ratio Lower Upper
73 100
57 66.1 17.6 26.4#

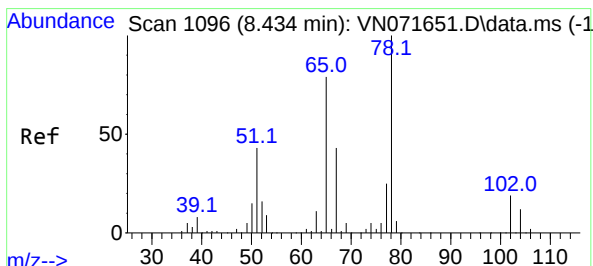
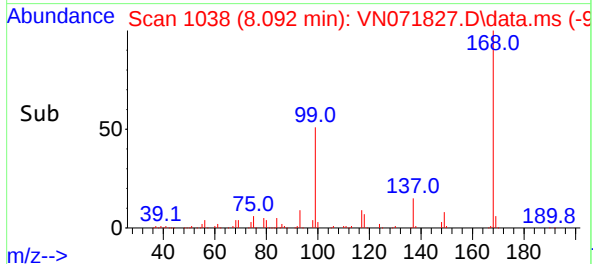
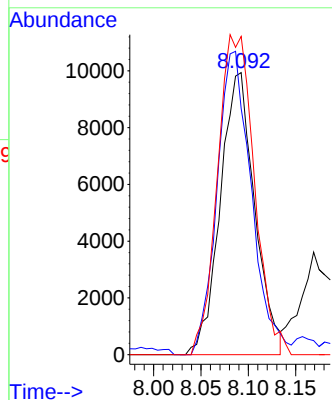
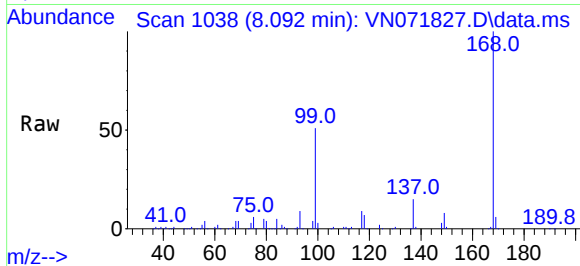




#31
Cyclohexane
Concen: 2.520 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

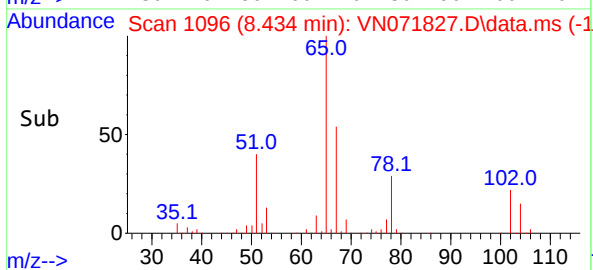
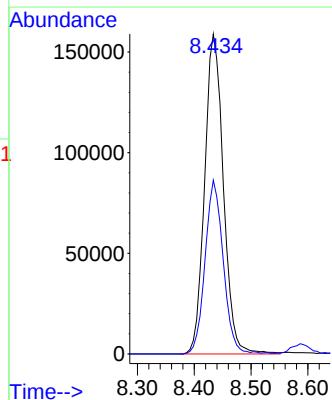
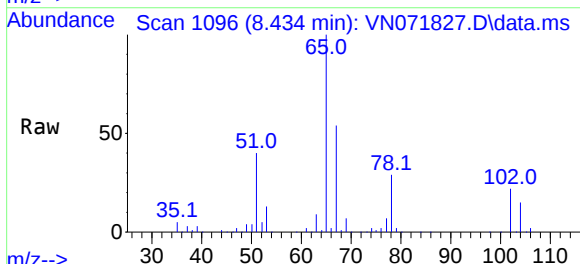
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

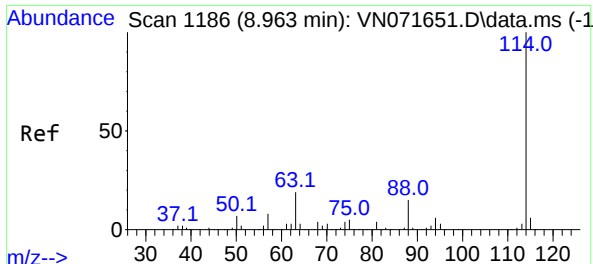
Tgt Ion: 56 Resp: 25118
Ion Ratio Lower Upper
56 100
69 87.3 27.8 41.8#
84 112.8 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 49.673 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

Tgt Ion: 65 Resp: 364139
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8

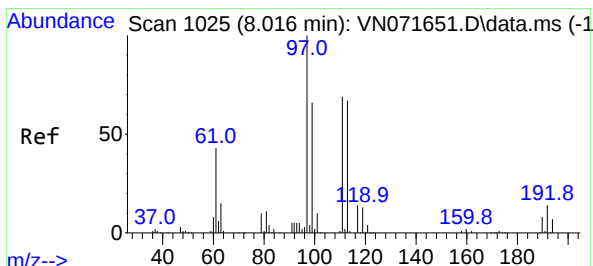
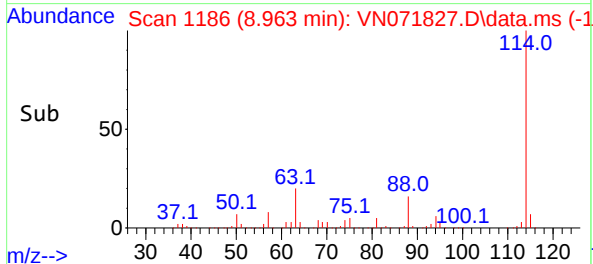
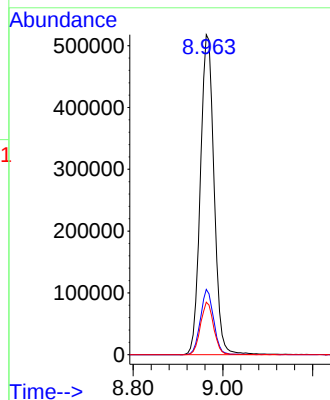
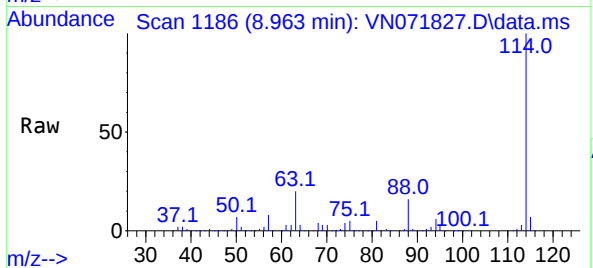




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

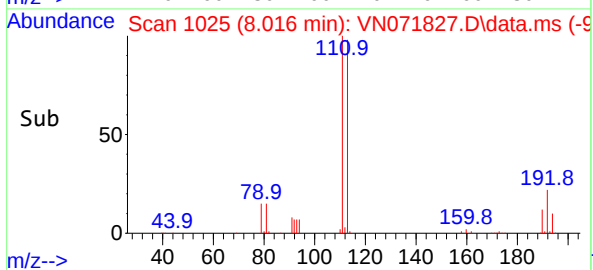
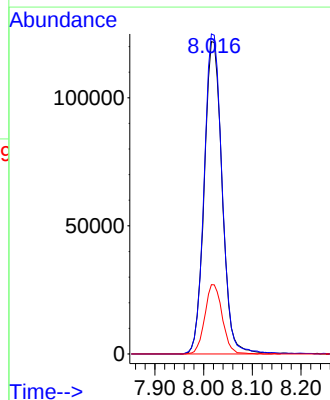
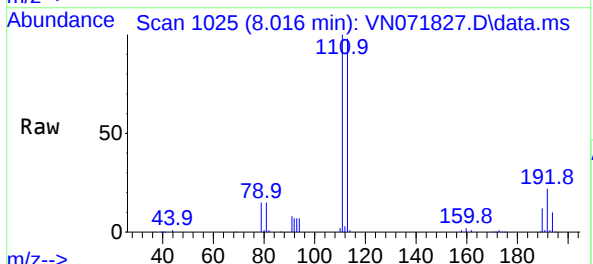
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

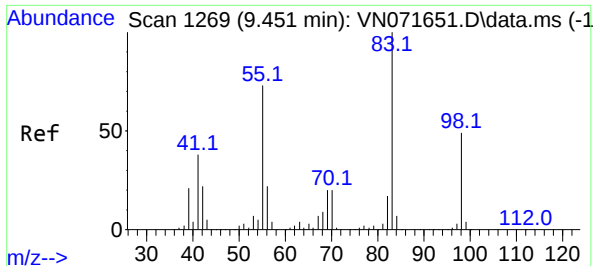
Tgt Ion:114 Resp: 1095297
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.0
88 16.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.168 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

Tgt Ion:113 Resp: 310454
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 21.6 17.0 25.6





#39

Methylcyclohexane

Concen: 0.904 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071827.D

Acq: 04 Apr 2022 13:01

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

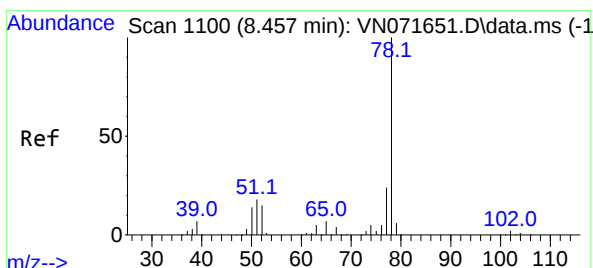
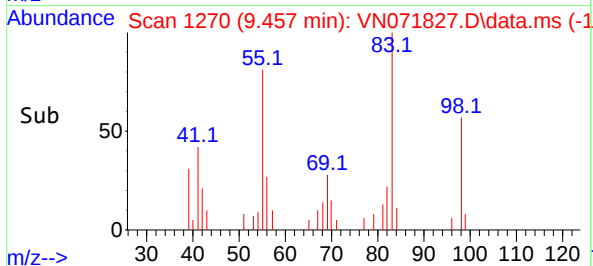
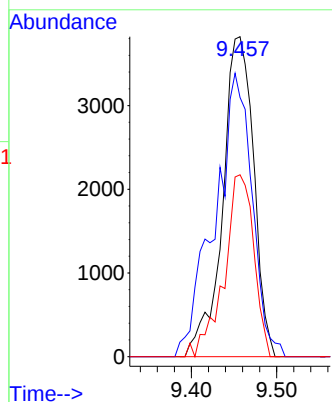
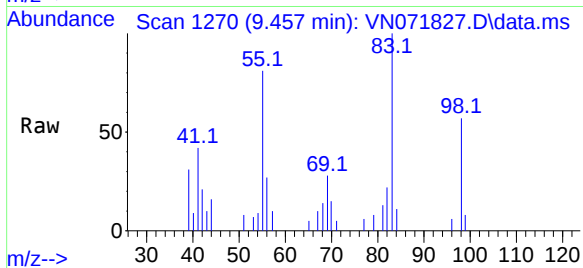
Tgt Ion: 83 Resp: 9681

Ion Ratio Lower Upper

83 100

55 77.1 57.8 86.8

98 56.8 39.4 59.2



#40

Benzene

Concen: 14.599 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071827.D

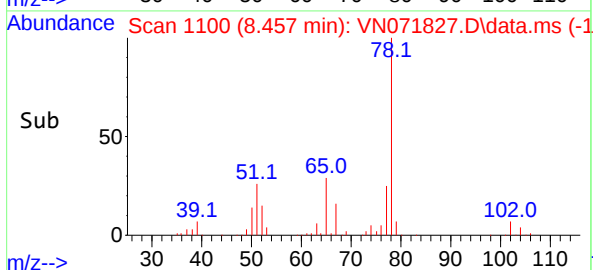
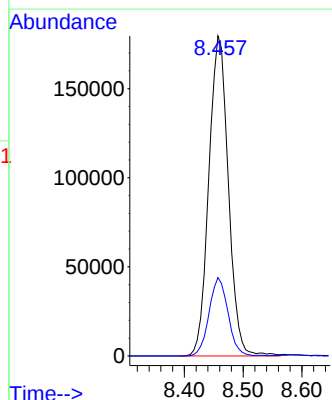
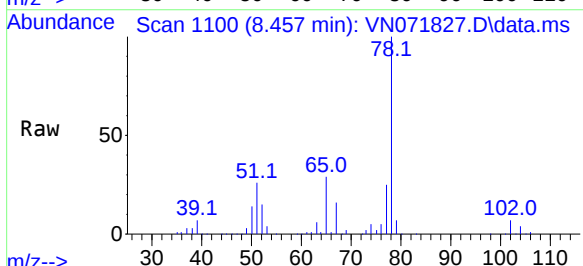
Acq: 04 Apr 2022 13:01

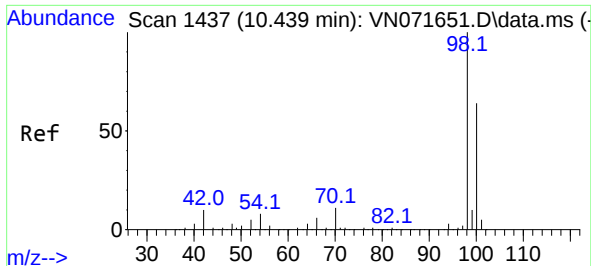
Tgt Ion: 78 Resp: 415079

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0

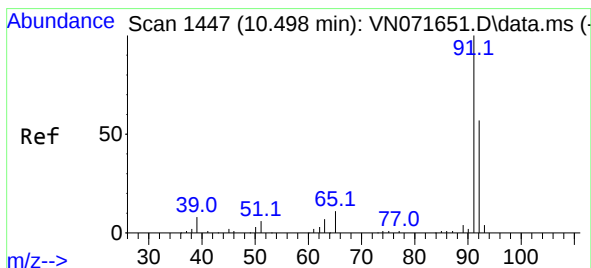
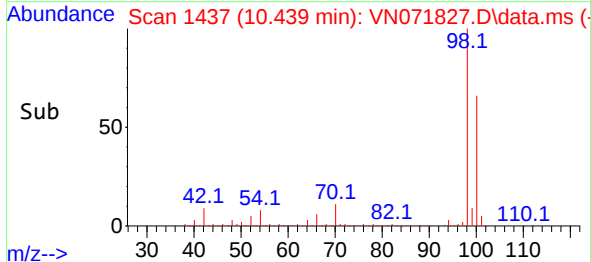
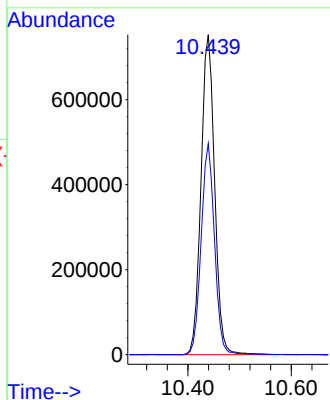
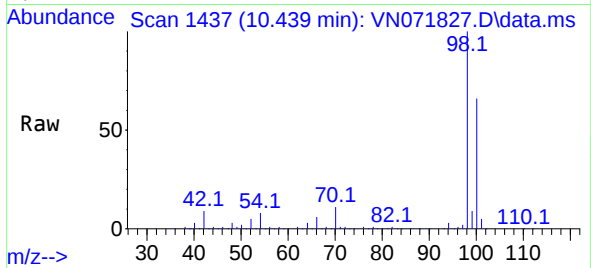




#50
Toluene-d8
Concen: 52.200 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

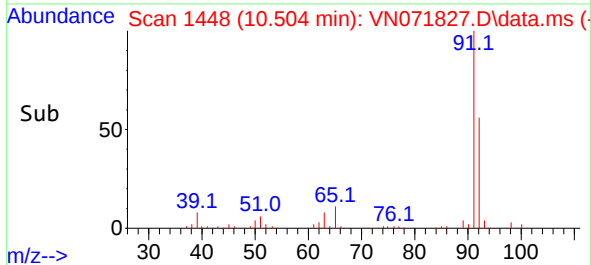
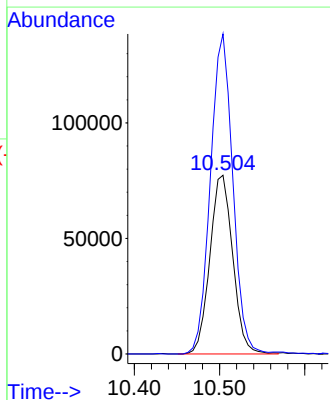
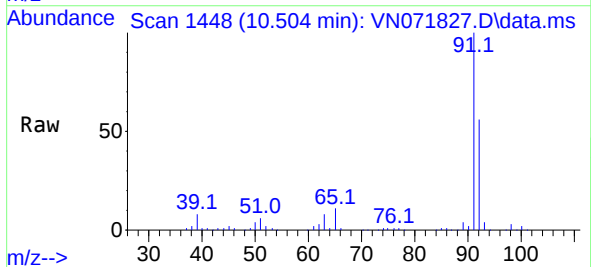
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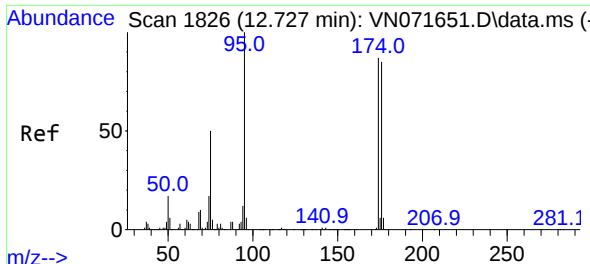
Tgt Ion: 98 Resp: 1376289
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#52
Toluene
Concen: 8.032 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

Tgt Ion: 92 Resp: 144354
Ion Ratio Lower Upper
92 100
91 176.0 138.6 207.8

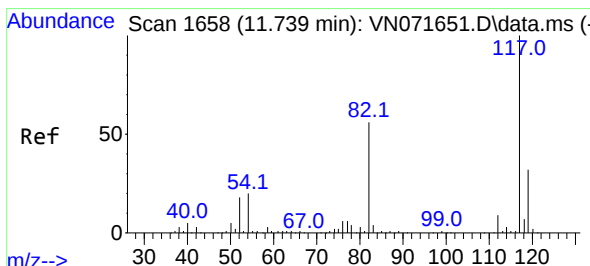
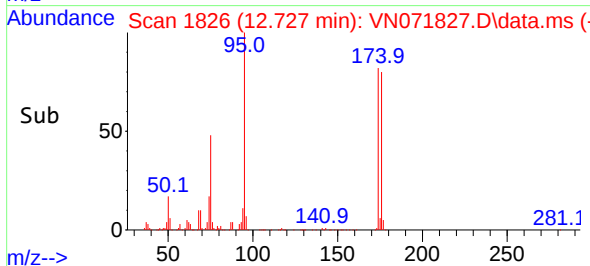
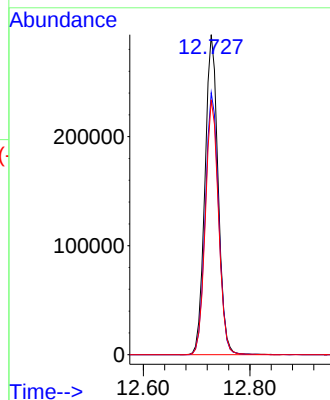
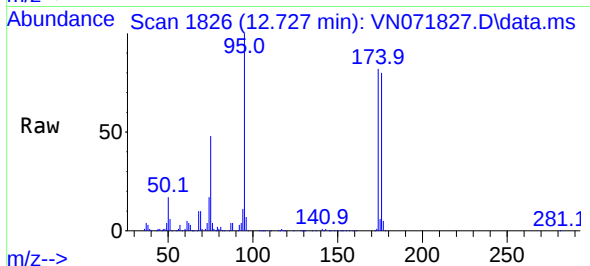




#62
4-Bromofluorobenzene
Concen: 58.863 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

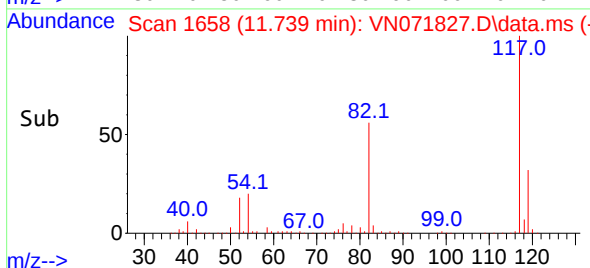
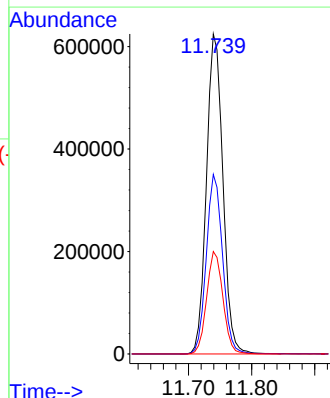
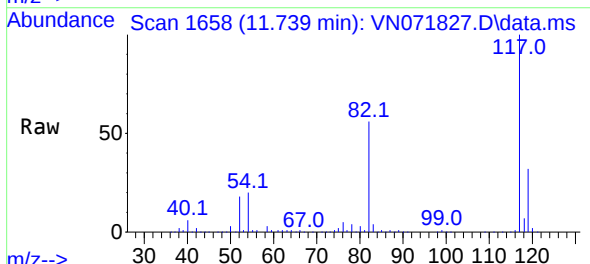
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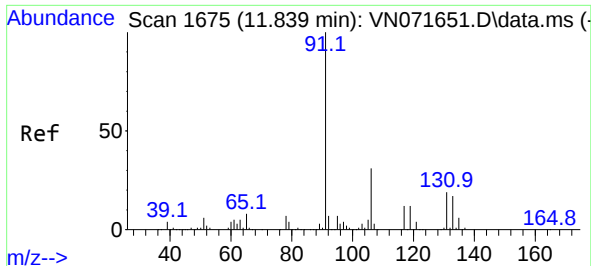
Tgt Ion: 95 Resp: 501927
Ion Ratio Lower Upper
95 100
174 82.9 0.0 167.6
176 79.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

Tgt Ion: 117 Resp: 1127827
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.0 25.4 38.0

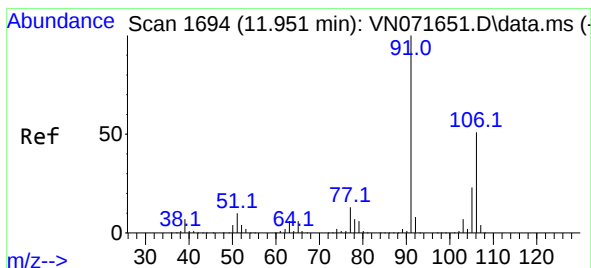
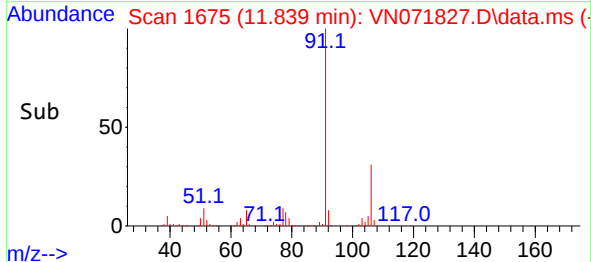
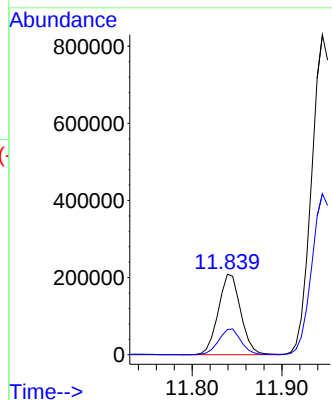
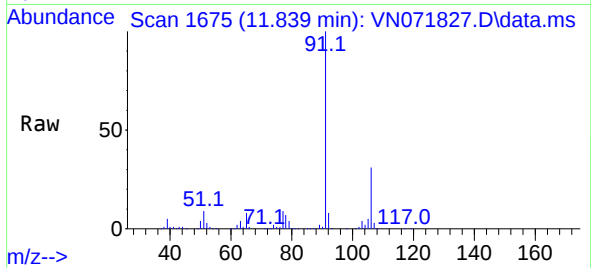




#67
Ethyl Benzene
Concen: 9.465 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

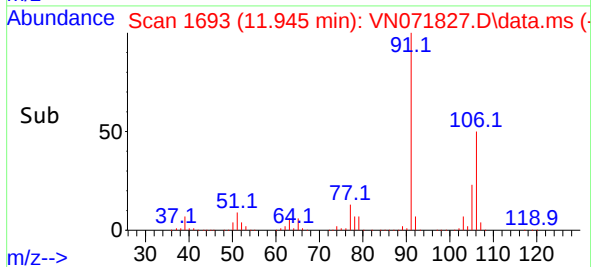
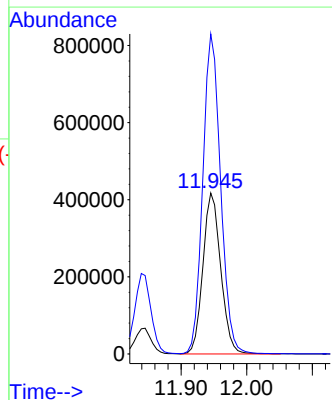
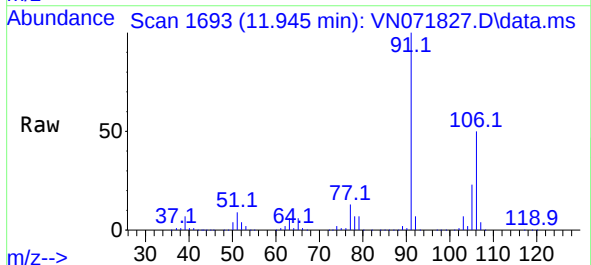
Instrument :
MSVOA_N
ClientSampleId :
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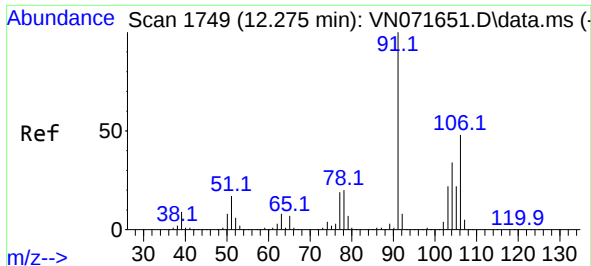
Tgt Ion: 91 Resp: 361859
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 53.672 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

Tgt Ion: 106 Resp: 788392
Ion Ratio Lower Upper
106 100
91 199.2 158.9 238.3

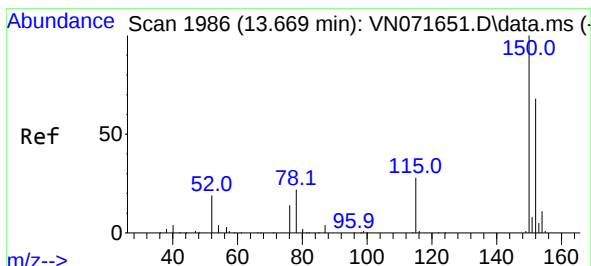
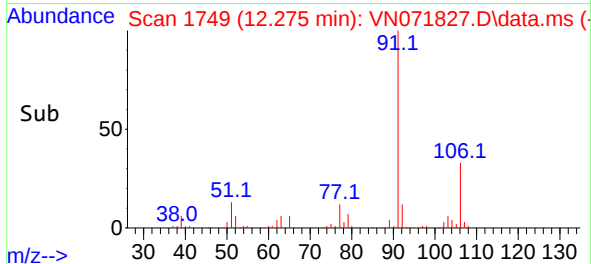
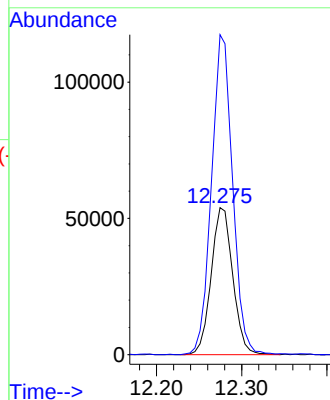
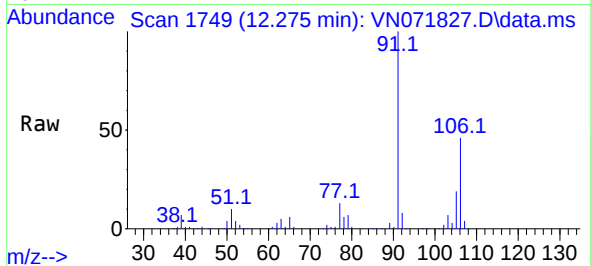




#69
o-Xylene
Concen: 6.528 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

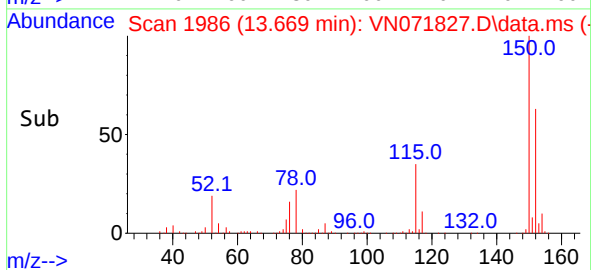
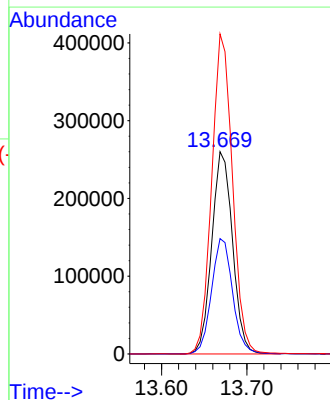
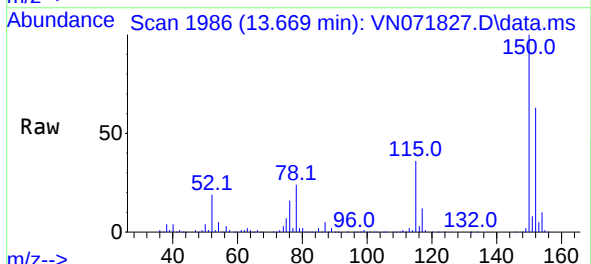
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

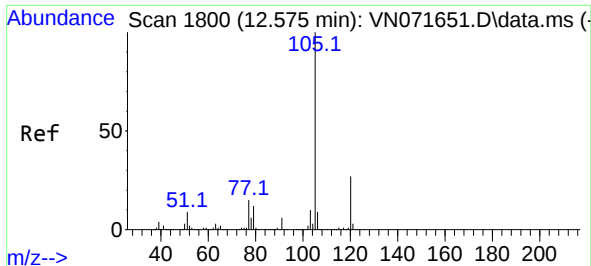
Tgt Ion:106 Resp: 95171
Ion Ratio Lower Upper
106 100
91 213.0 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

Tgt Ion:152 Resp: 441529
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.7
150 157.7 0.0 356.2

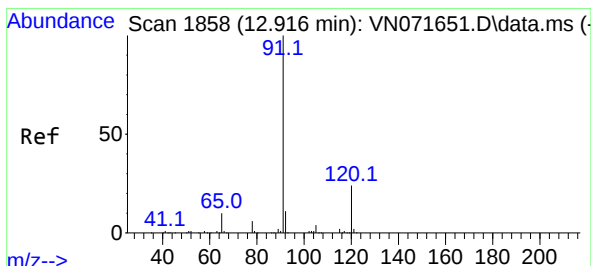
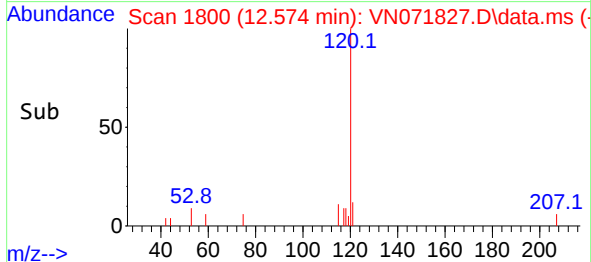
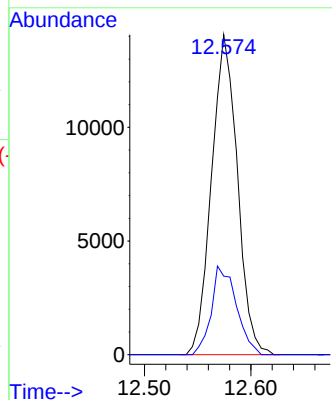
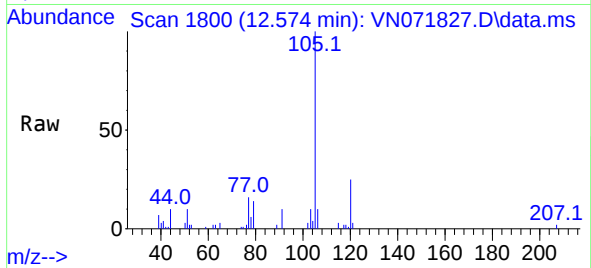




#73
Isopropylbenzene
Concen: 0.637 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

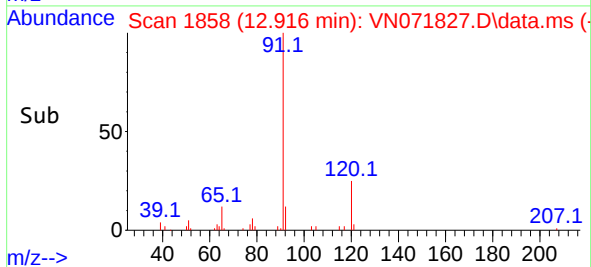
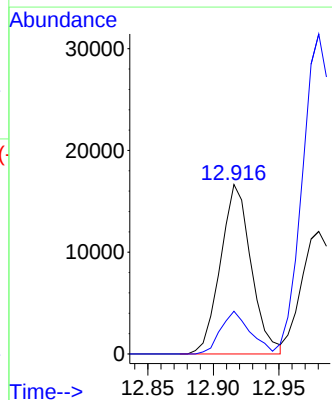
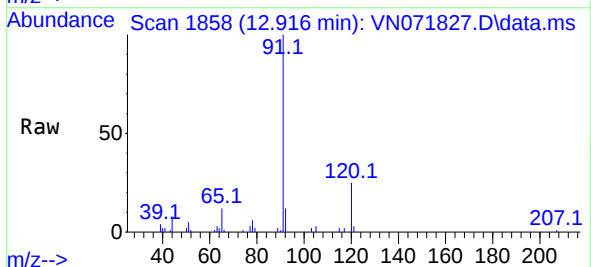
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

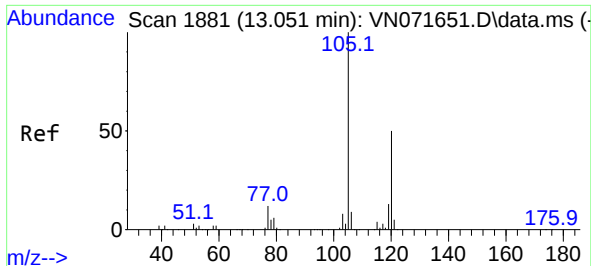
Tgt Ion:105 Resp: 23708
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4



#78
n-propylbenzene
Concen: 0.694 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

Tgt Ion: 91 Resp: 27154
Ion Ratio Lower Upper
91 100
120 24.3 11.9 35.5

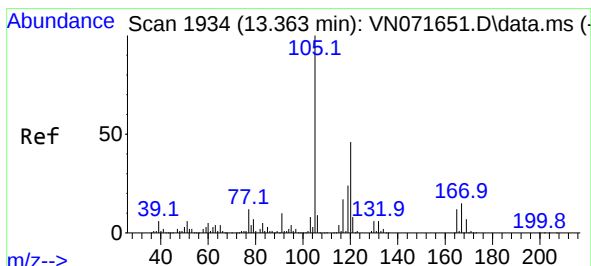
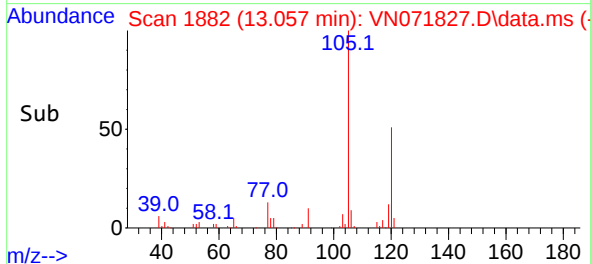
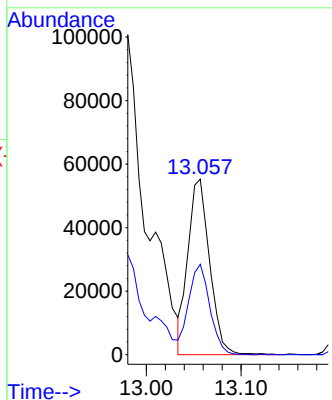
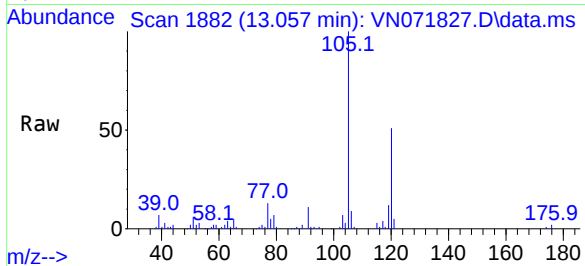




#80
1,3,5-Trimethylbenzene
Concen: 2.989 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

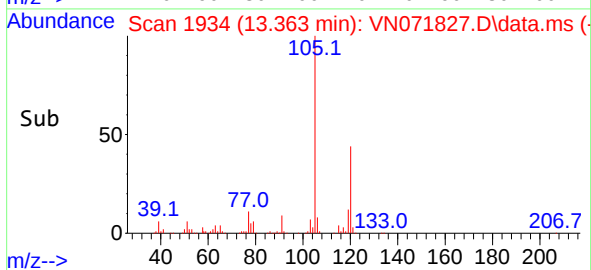
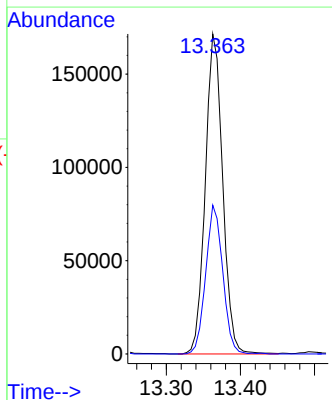
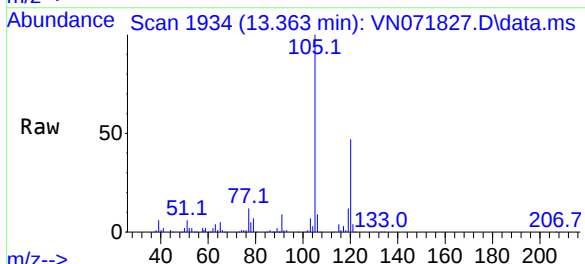
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

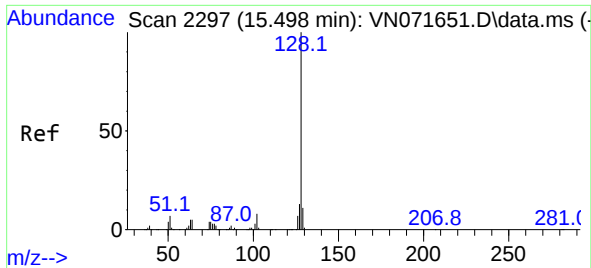
Tgt Ion:105 Resp: 88113
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 9.720 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

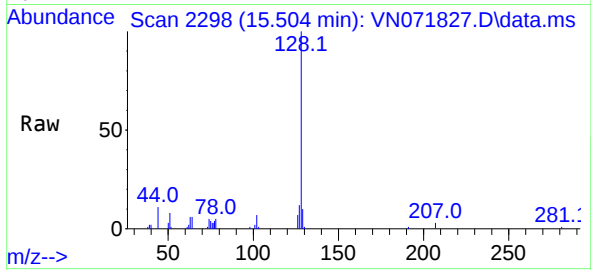
Tgt Ion:105 Resp: 279561
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8





#95
Naphthalene
Concen: 5.245 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071827.D
Acq: 04 Apr 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL



Tgt Ion:	128	Resp:	31383
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	11.2	8.6	13.0

