

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073707.D
 Acq On : 03 Aug 2022 13:22
 Operator : JC\MD
 Sample : N3971-06DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9RDL

Quant Time: Aug 04 05:32:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	370252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	597394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	572613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	302177	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	218252	48.370	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.740%
35) Dibromofluoromethane	7.951	113	200759	53.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.040%
50) Toluene-d8	10.381	98	672476	45.556	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.120%
62) 4-Bromofluorobenzene	12.674	95	267251	53.470	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.940%

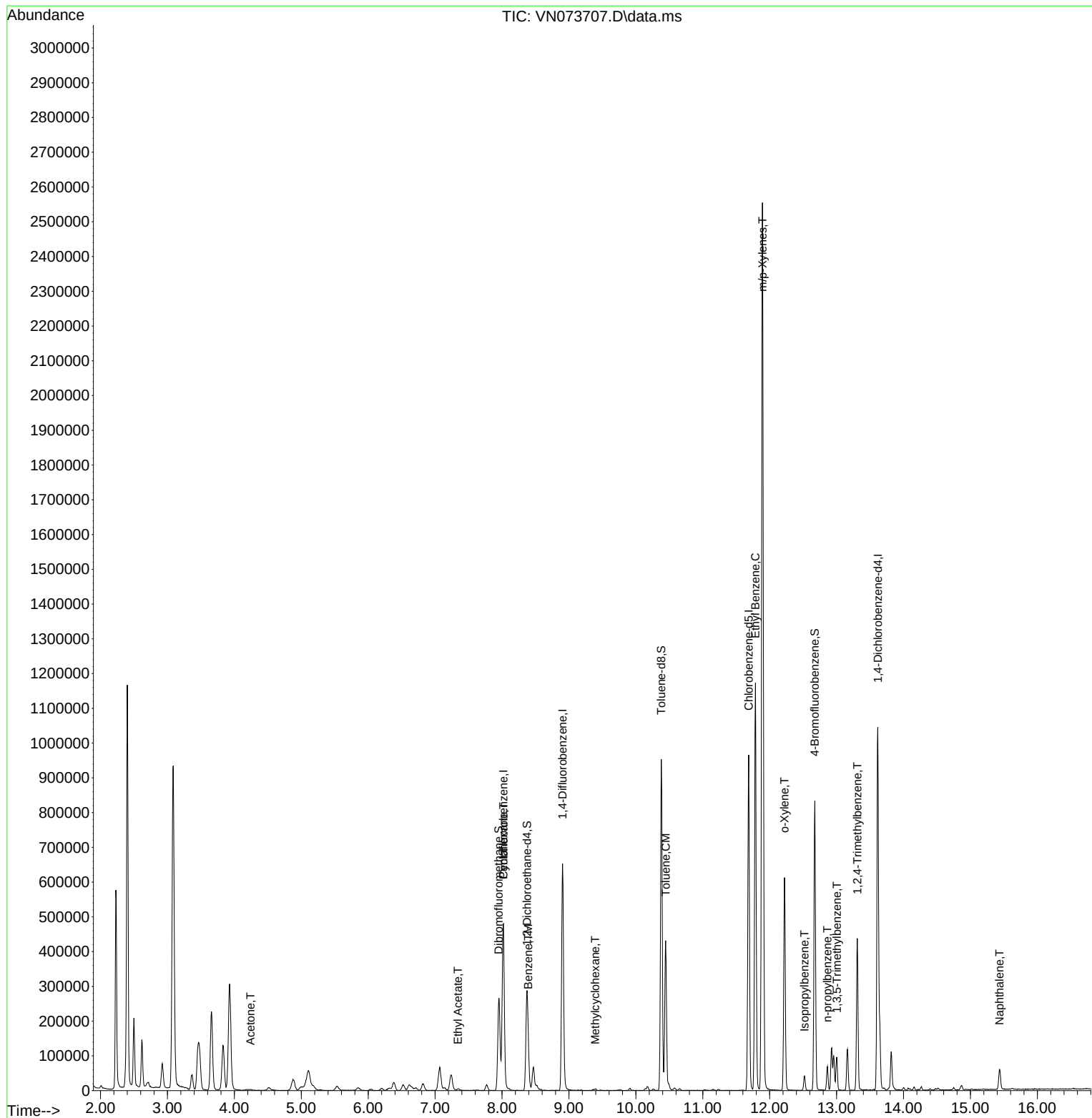
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.240	43	6959	2.871	ug/l	99
31) Cyclohexane	8.022	56	20017	2.980	ug/l #	69
37) Ethyl Acetate	7.340	43	7302	1.037	ug/l #	90
39) Methylcyclohexane	9.392	83	1891	0.296	ug/l #	72
40) Benzene	8.392	78	64668	3.725	ug/l	99
52) Toluene	10.445	92	188765	17.800	ug/l	98
67) Ethyl Benzene	11.786	91	843518	41.109	ug/l	99
68) m/p-Xylenes	11.892	106	833882	106.552	ug/l	99
69) o-Xylene	12.222	106	169403	22.203	ug/l	99
73) Isopropylbenzene	12.522	105	26534	1.200	ug/l	98
78) n-propylbenzene	12.863	91	50983	2.048	ug/l	100
80) 1,3,5-Trimethylbenzene	13.004	105	49649	2.727	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	248244	13.869	ug/l	100
95) Naphthalene	15.433	128	57060	3.323	ug/l	99

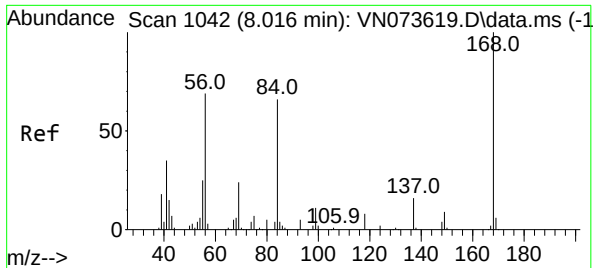
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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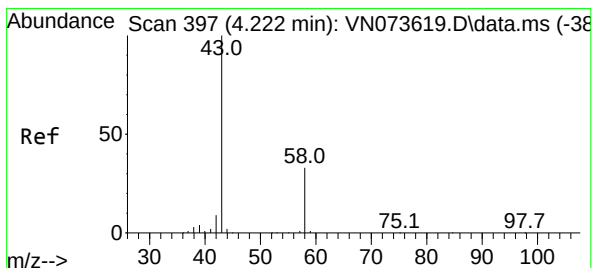
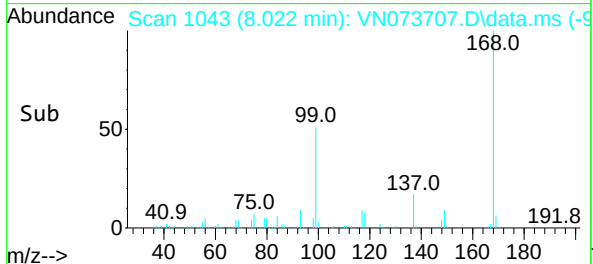
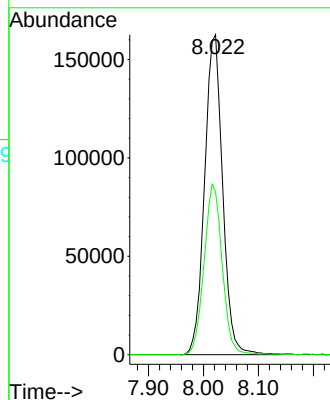
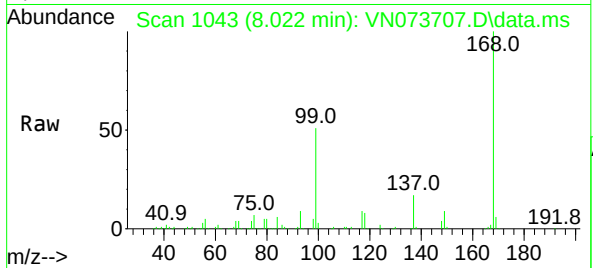




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN073707.D
Acq: 03 Aug 2022 13:22

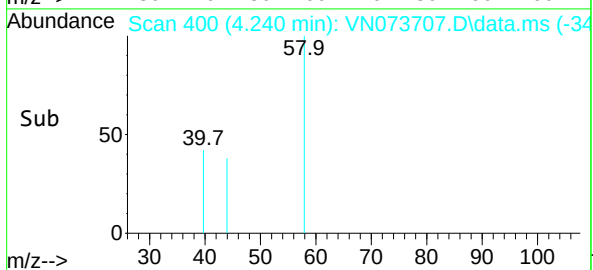
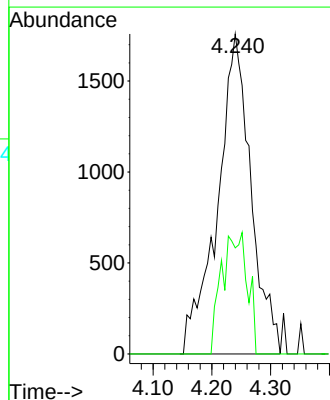
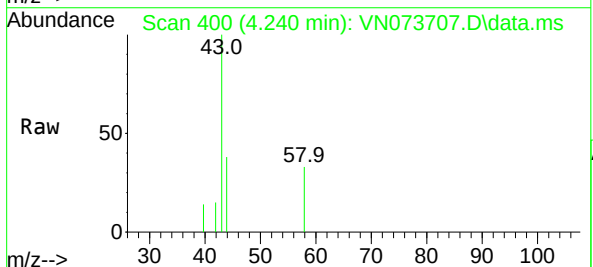
Instrument :
MSVOA_N
ClientSampleId :
MW-9RDL

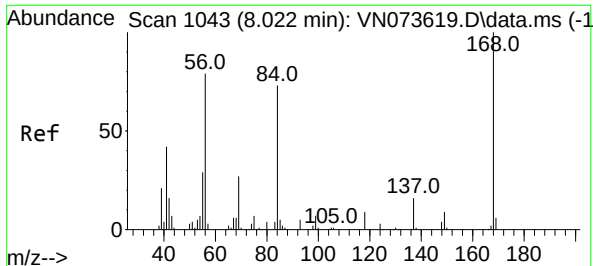
Tgt Ion:168 Resp: 370252
Ion Ratio Lower Upper
168 100
99 50.8 42.3 63.5



#16
Acetone
Concen: 2.871 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073707.D
Acq: 03 Aug 2022 13:22

Tgt Ion: 43 Resp: 6959
Ion Ratio Lower Upper
43 100
58 33.1 26.0 39.0

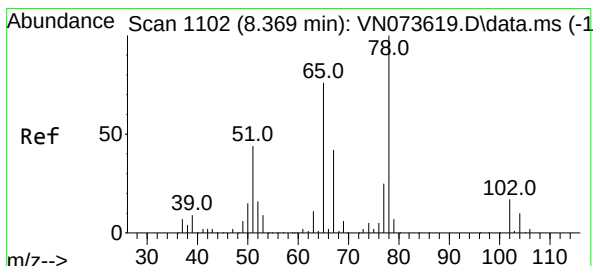
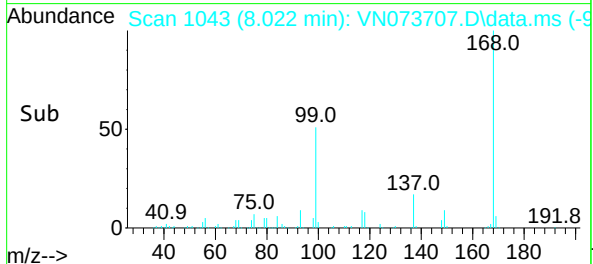
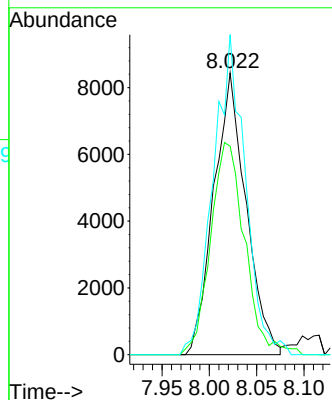
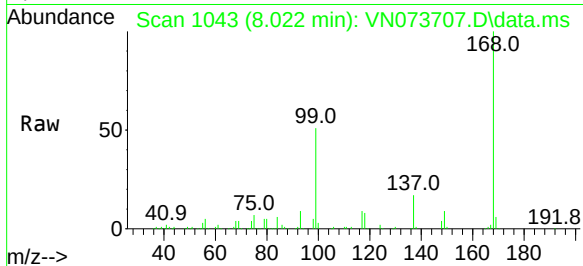




#31
Cyclohexane
Concen: 2.980 ug/l
RT: 8.022 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VN073707.D
Acq: 03 Aug 2022 13:22

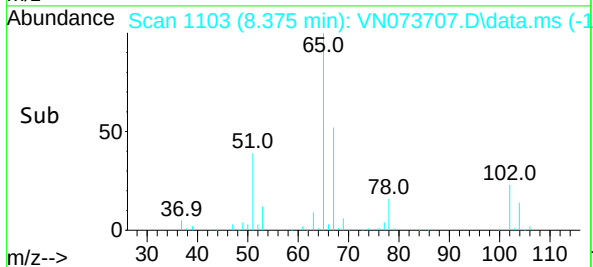
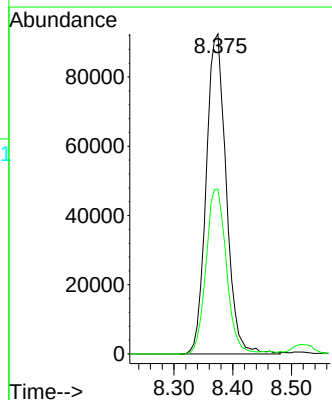
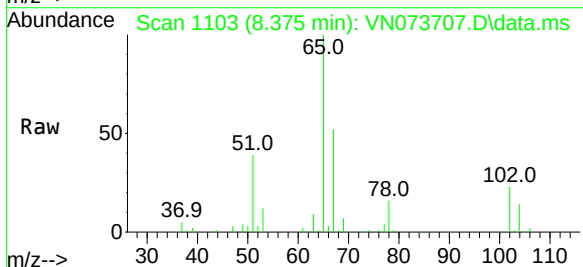
Instrument :
MSVOA_N
ClientSampleId :
MW-9RDL

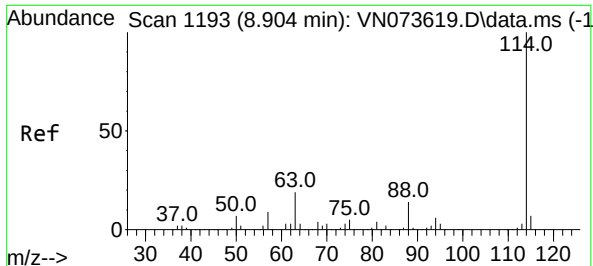
Tgt Ion: 56 Resp: 20017
Ion Ratio Lower Upper
56 100
69 74.0 27.8 41.8#
84 113.6 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 48.370 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073707.D
Acq: 03 Aug 2022 13:22

Tgt Ion: 65 Resp: 218252
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073707.D

Acq: 03 Aug 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

MW-9RDL

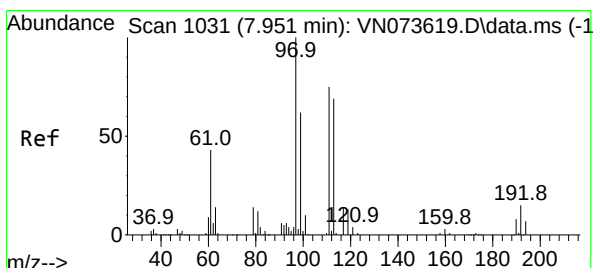
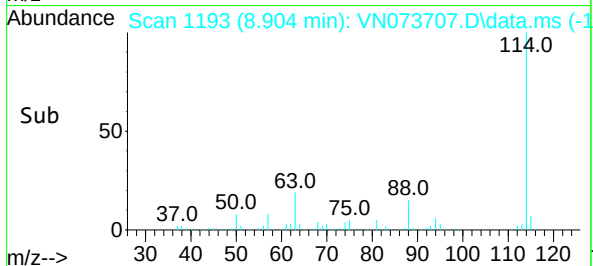
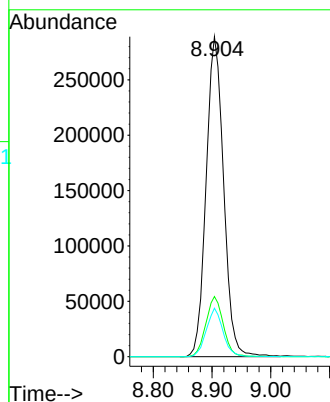
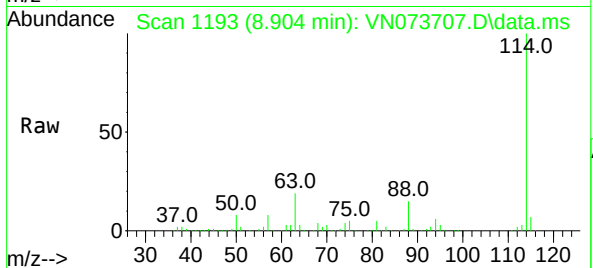
Tgt Ion:114 Resp: 597394

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.518 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073707.D

Acq: 03 Aug 2022 13:22

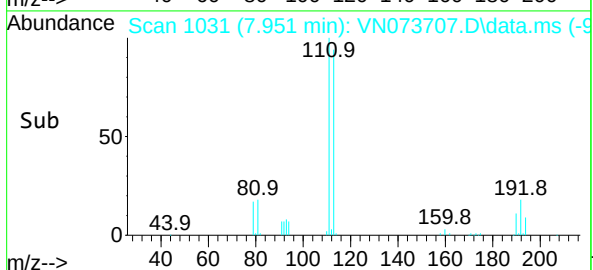
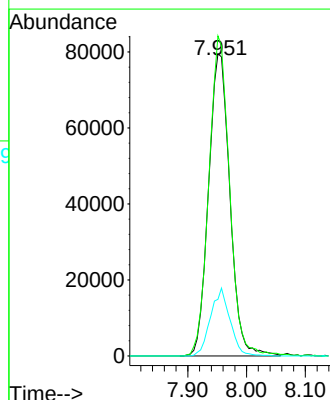
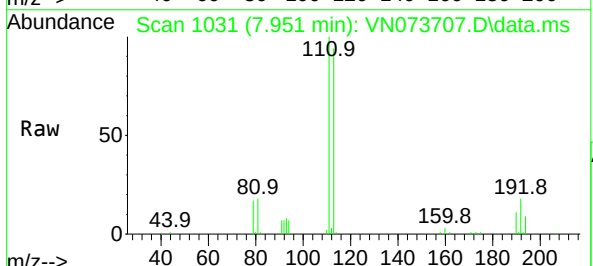
Tgt Ion:113 Resp: 200759

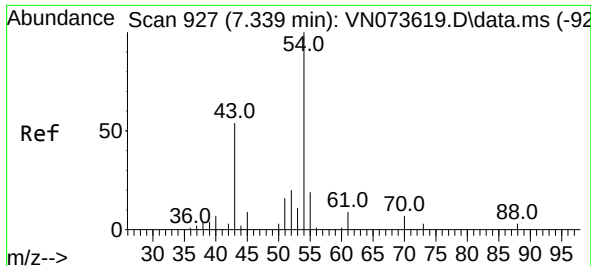
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 20.5 17.0 25.6

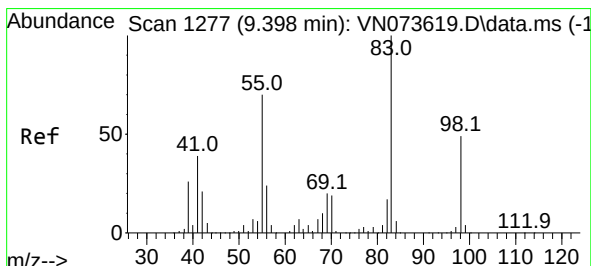
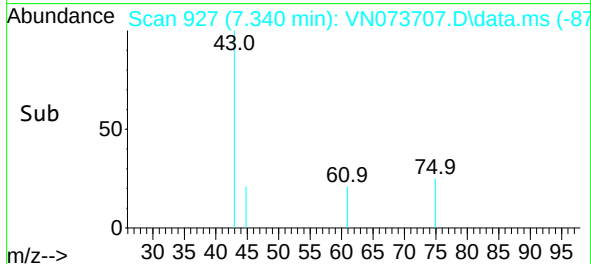
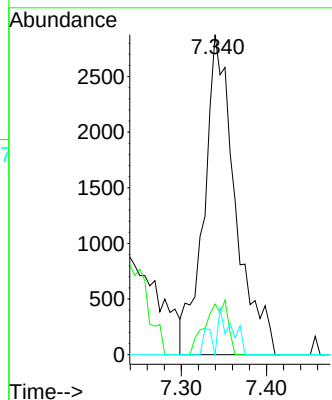
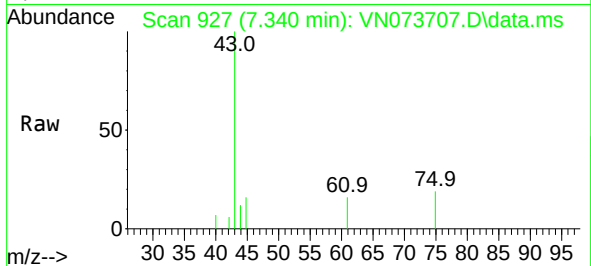




#37
Ethyl Acetate
Concen: 1.037 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073707.D
Acq: 03 Aug 2022 13:22

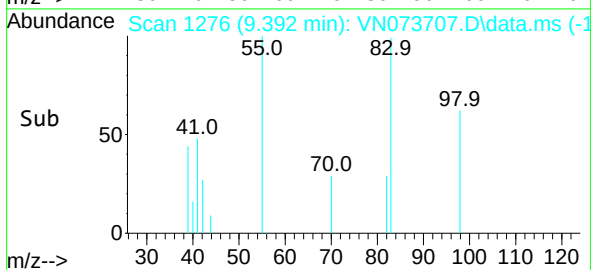
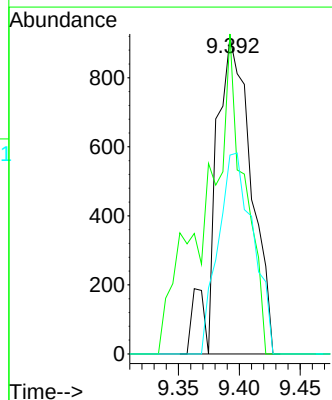
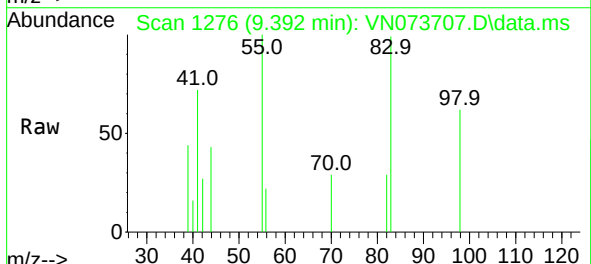
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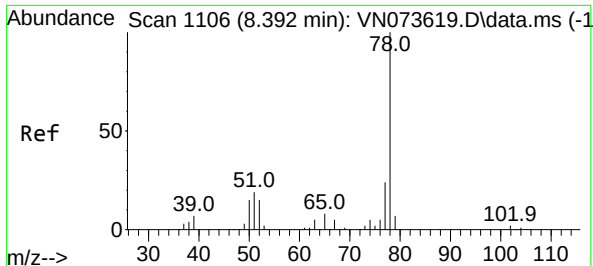
Tgt Ion: 43 Resp: 7302
Ion Ratio Lower Upper
43 100
61 12.1 11.8 17.6
70 6.3 9.3 13.9#



#39
Methylcyclohexane
Concen: 0.296 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. -0.006 min
Lab File: VN073707.D
Acq: 03 Aug 2022 13:22

Tgt Ion: 83 Resp: 1891
Ion Ratio Lower Upper
83 100
55 101.0 57.8 86.8#
98 62.7 39.4 59.2#

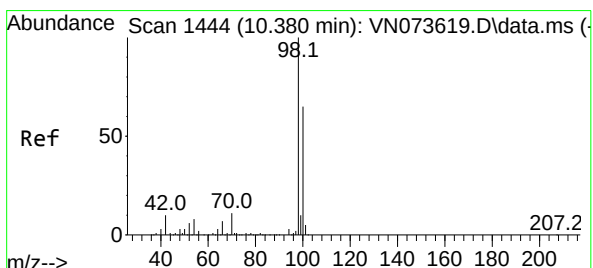
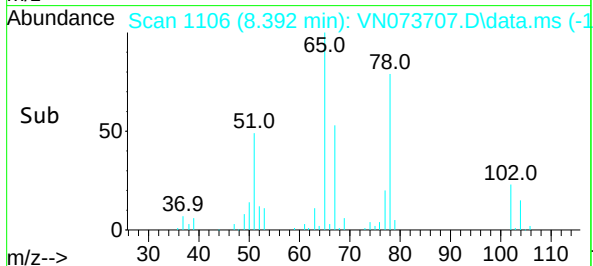
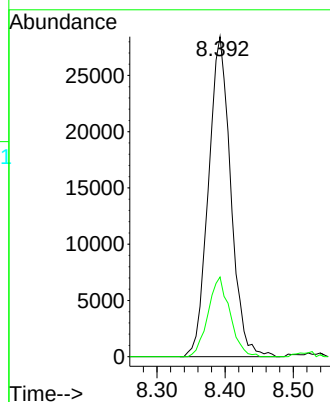
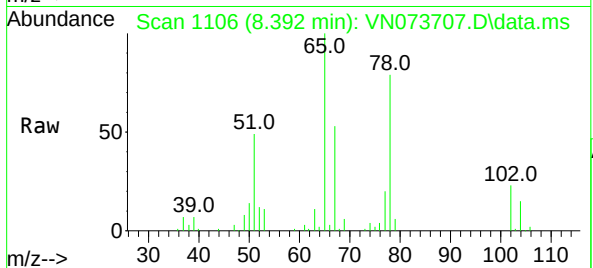




#40
Benzene
Concen: 3.725 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073707.D
Acq: 03 Aug 2022 13:22

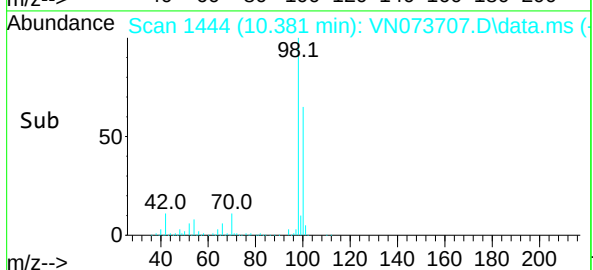
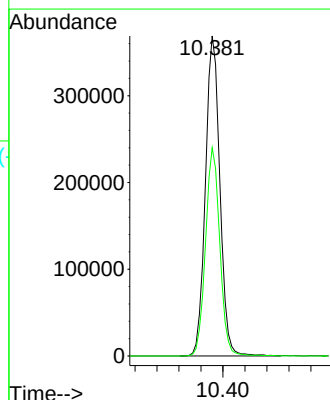
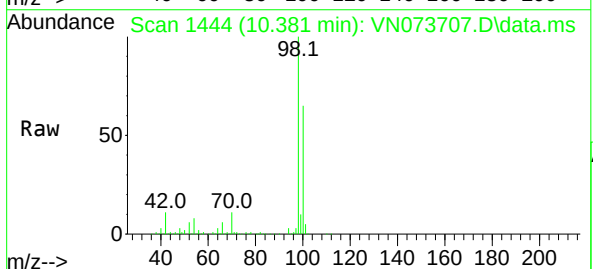
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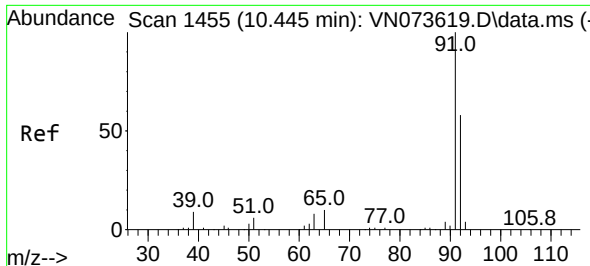
Tgt Ion: 78 Resp: 64668
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.0



#50
Toluene-d8
Concen: 45.556 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073707.D
Acq: 03 Aug 2022 13:22

Tgt Ion: 98 Resp: 672476
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

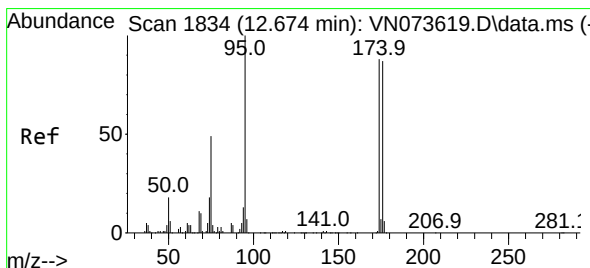
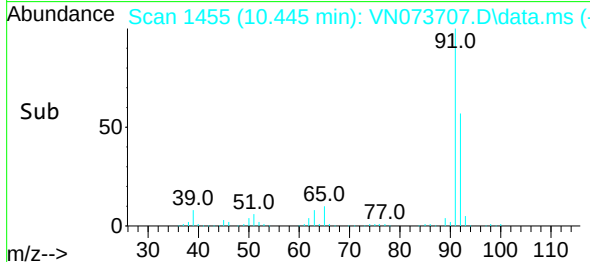
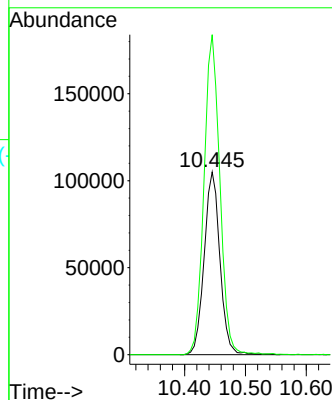
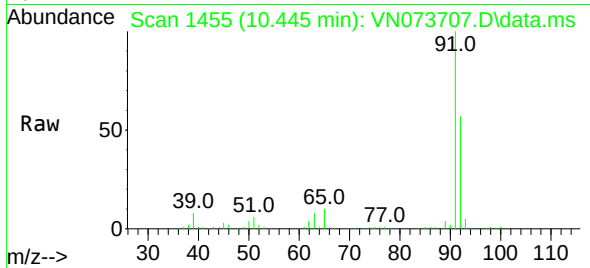




#52
Toluene
Concen: 17.800 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073707.D
Acq: 03 Aug 2022 13:22

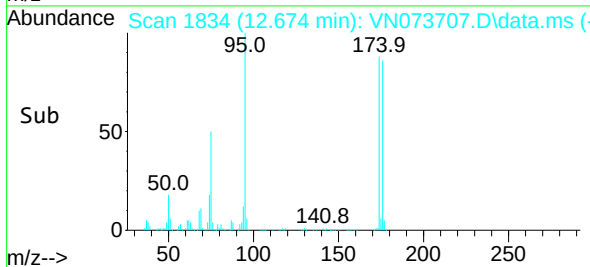
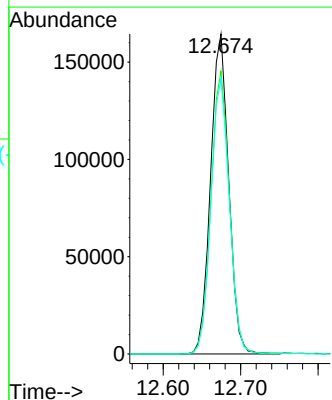
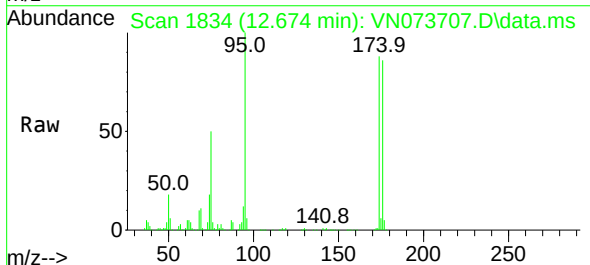
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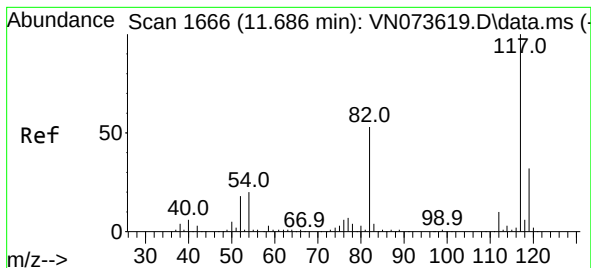
Tgt Ion: 92 Resp: 188765
Ion Ratio Lower Upper
92 100
91 176.5 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 53.470 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073707.D
Acq: 03 Aug 2022 13:22

Tgt Ion: 95 Resp: 267251
Ion Ratio Lower Upper
95 100
174 90.4 0.0 167.6
176 87.0 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073707.D

Acq: 03 Aug 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

MW-9RDL

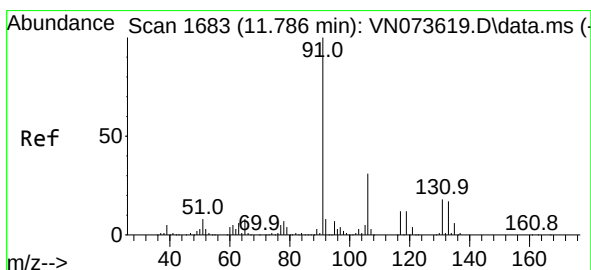
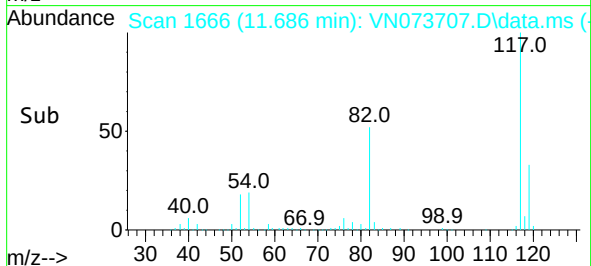
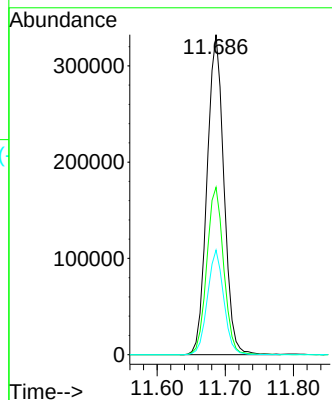
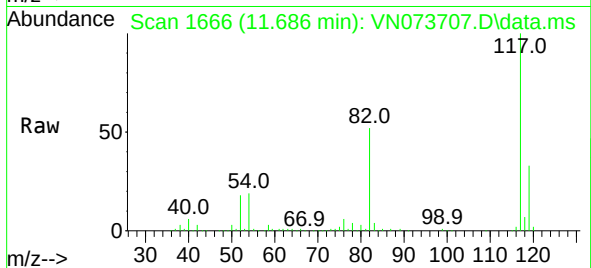
Tgt Ion:117 Resp: 572613

Ion Ratio Lower Upper

117 100

82 52.3 44.2 66.2

119 32.7 25.4 38.0



#67

Ethyl Benzene

Concen: 41.109 ug/l

RT: 11.786 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VN073707.D

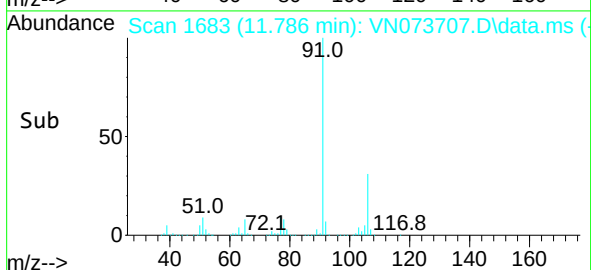
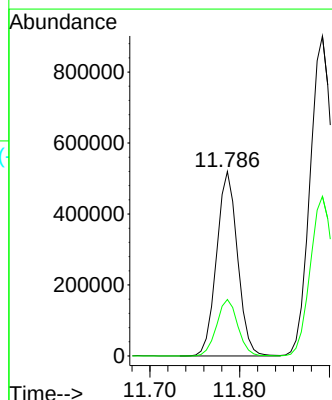
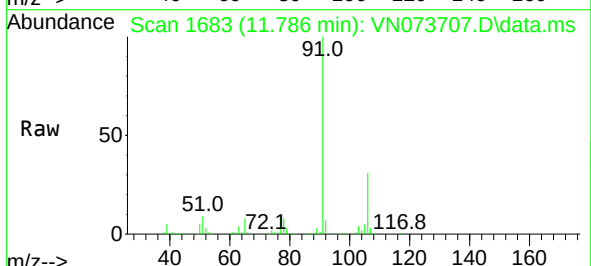
Acq: 03 Aug 2022 13:22

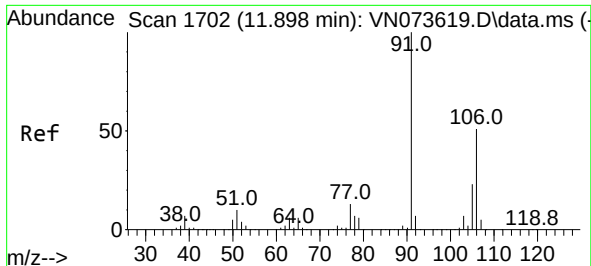
Tgt Ion: 91 Resp: 843518

Ion Ratio Lower Upper

91 100

106 30.7 24.9 37.3

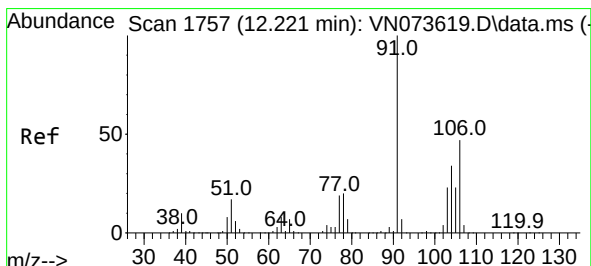
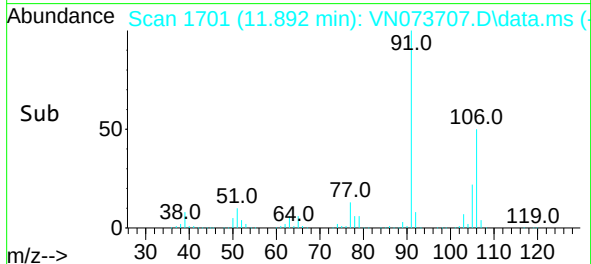
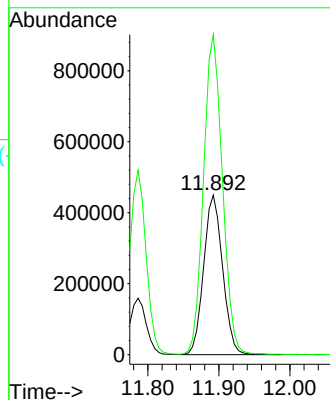
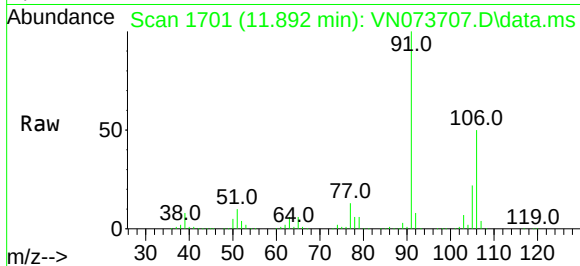




#68
m/p-Xylenes
Concen: 106.552 ug/l
RT: 11.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073707.D
Acq: 03 Aug 2022 13:22

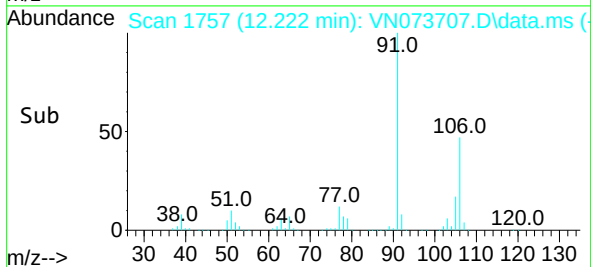
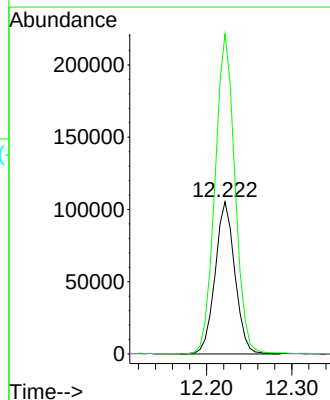
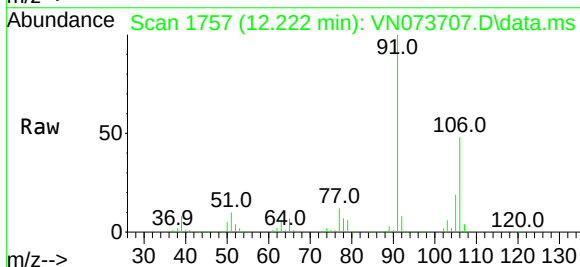
Instrument :
MSVOA_N
ClientSampleId :
MW-9RDL

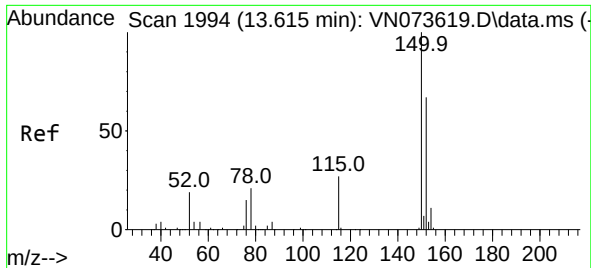
Tgt Ion:106 Resp: 833882
Ion Ratio Lower Upper
106 100
91 200.2 158.9 238.3



#69
o-Xylene
Concen: 22.203 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073707.D
Acq: 03 Aug 2022 13:22

Tgt Ion:106 Resp: 169403
Ion Ratio Lower Upper
106 100
91 213.1 106.0 318.0

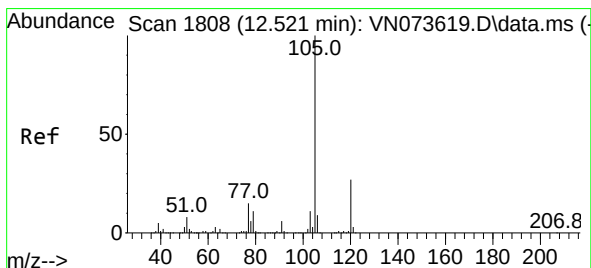
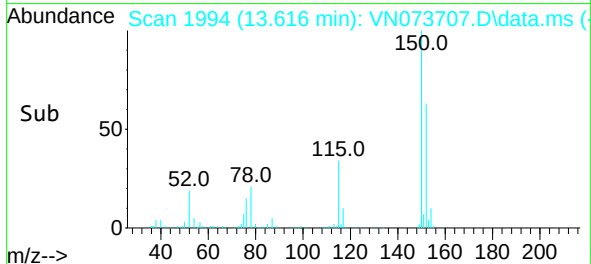
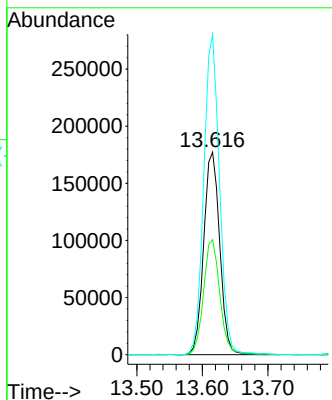
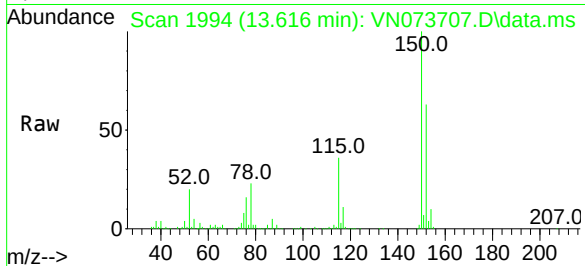




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073707.D
Acq: 03 Aug 2022 13:22

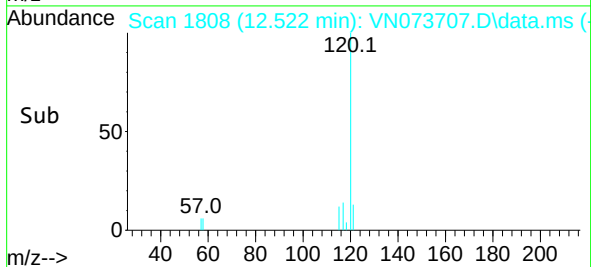
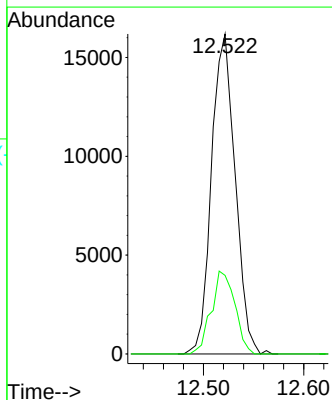
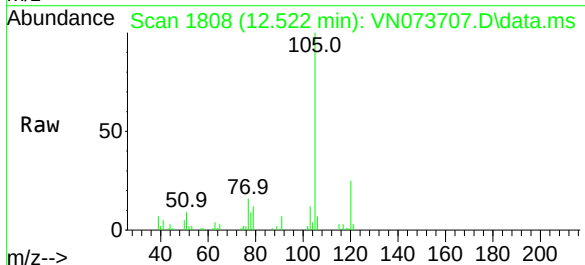
Instrument :
MSVOA_N
ClientSampleId :
MW-9RDL

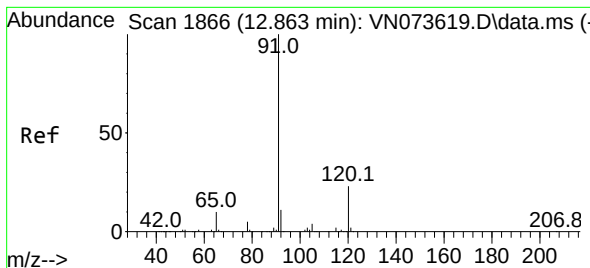
Tgt Ion:152 Resp: 302177
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.7
150 155.3 0.0 356.2



#73
Isopropylbenzene
Concen: 1.200 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073707.D
Acq: 03 Aug 2022 13:22

Tgt Ion:105 Resp: 26534
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.4





#78

n-propylbenzene

Concen: 2.048 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VN073707.D

Acq: 03 Aug 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

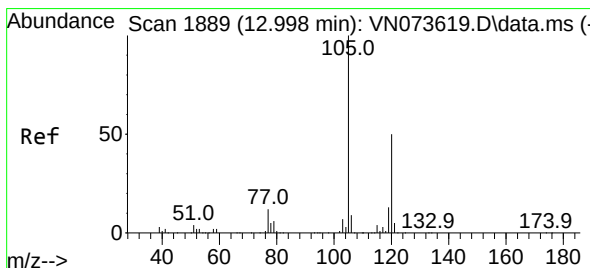
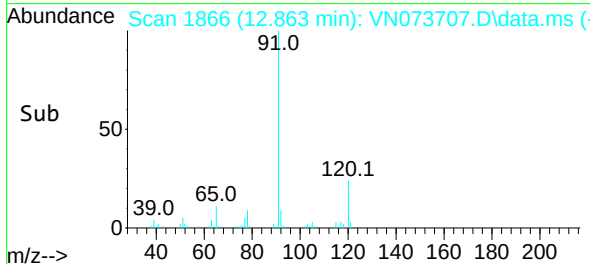
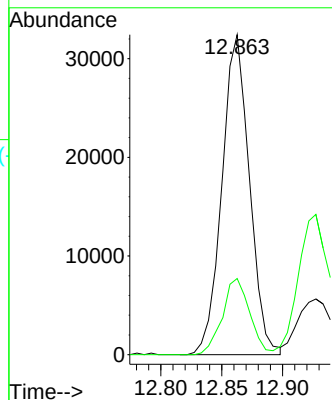
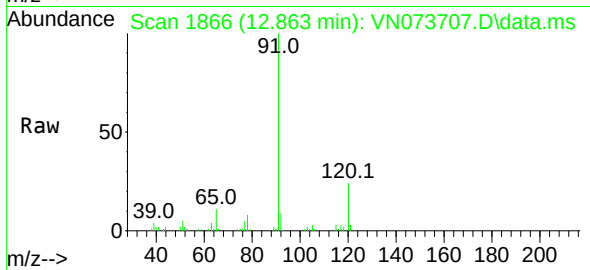
MW-9RDL

Tgt Ion: 91 Resp: 50983

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 2.727 ug/l

RT: 13.004 min Scan# 1890

Delta R.T. 0.006 min

Lab File: VN073707.D

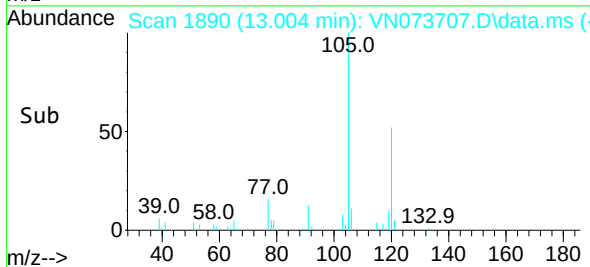
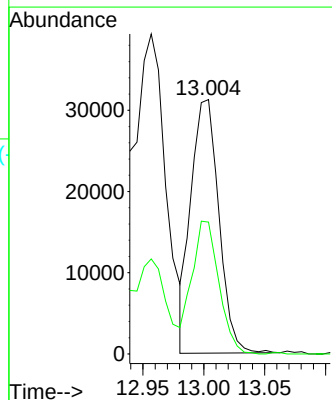
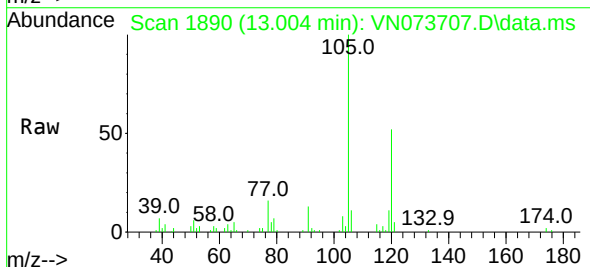
Acq: 03 Aug 2022 13:22

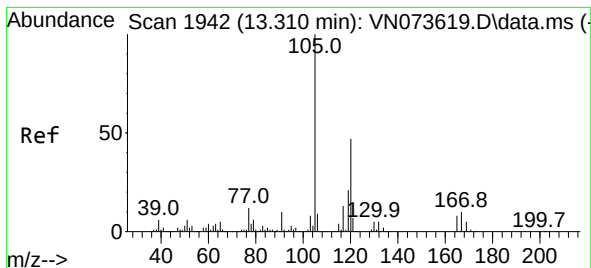
Tgt Ion:105 Resp: 49649

Ion Ratio Lower Upper

105 100

120 50.9 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 13.869 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.000 min

Lab File: VN073707.D

Acq: 03 Aug 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

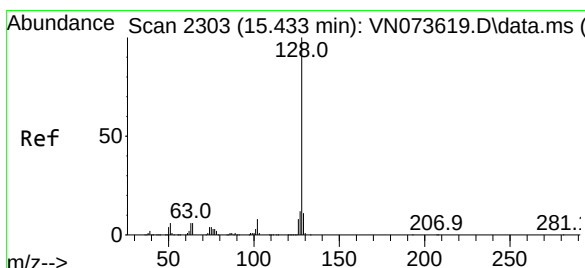
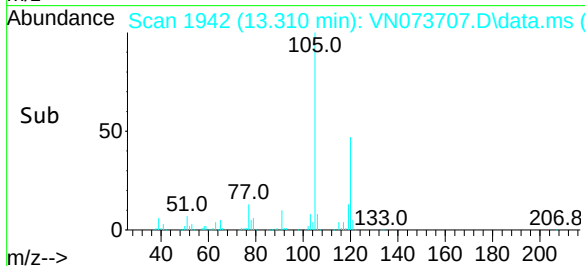
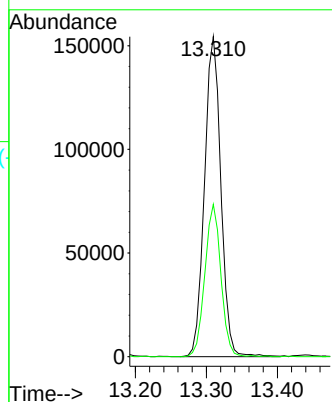
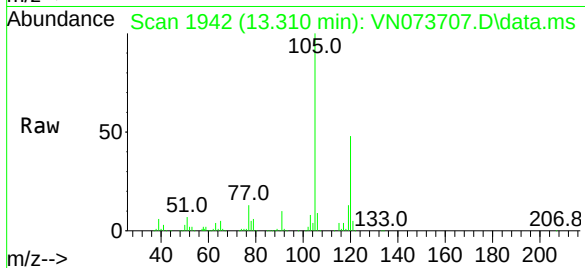
MW-9RDL

Tgt Ion:105 Resp: 248244

Ion Ratio Lower Upper

105 100

120 46.4 23.3 69.8



#95

Naphthalene

Concen: 3.323 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN073707.D

Acq: 03 Aug 2022 13:22

Tgt Ion:128 Resp: 57060

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 11.1 8.6 13.0

