

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092122\
 Data File : VN074616.D
 Acq On : 21 Sep 2022 16:15
 Operator : JC\MD
 Sample : N4566-03DL 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Quant Time: Sep 22 06:58:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	351261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	689189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	724204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	343865	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	294759	49.456	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.920%
35) Dibromofluoromethane	7.951	113	241504	52.751	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.500%
50) Toluene-d8	10.380	98	864774	48.842	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.680%
62) 4-Bromofluorobenzene	12.674	95	370084	61.029	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.060%

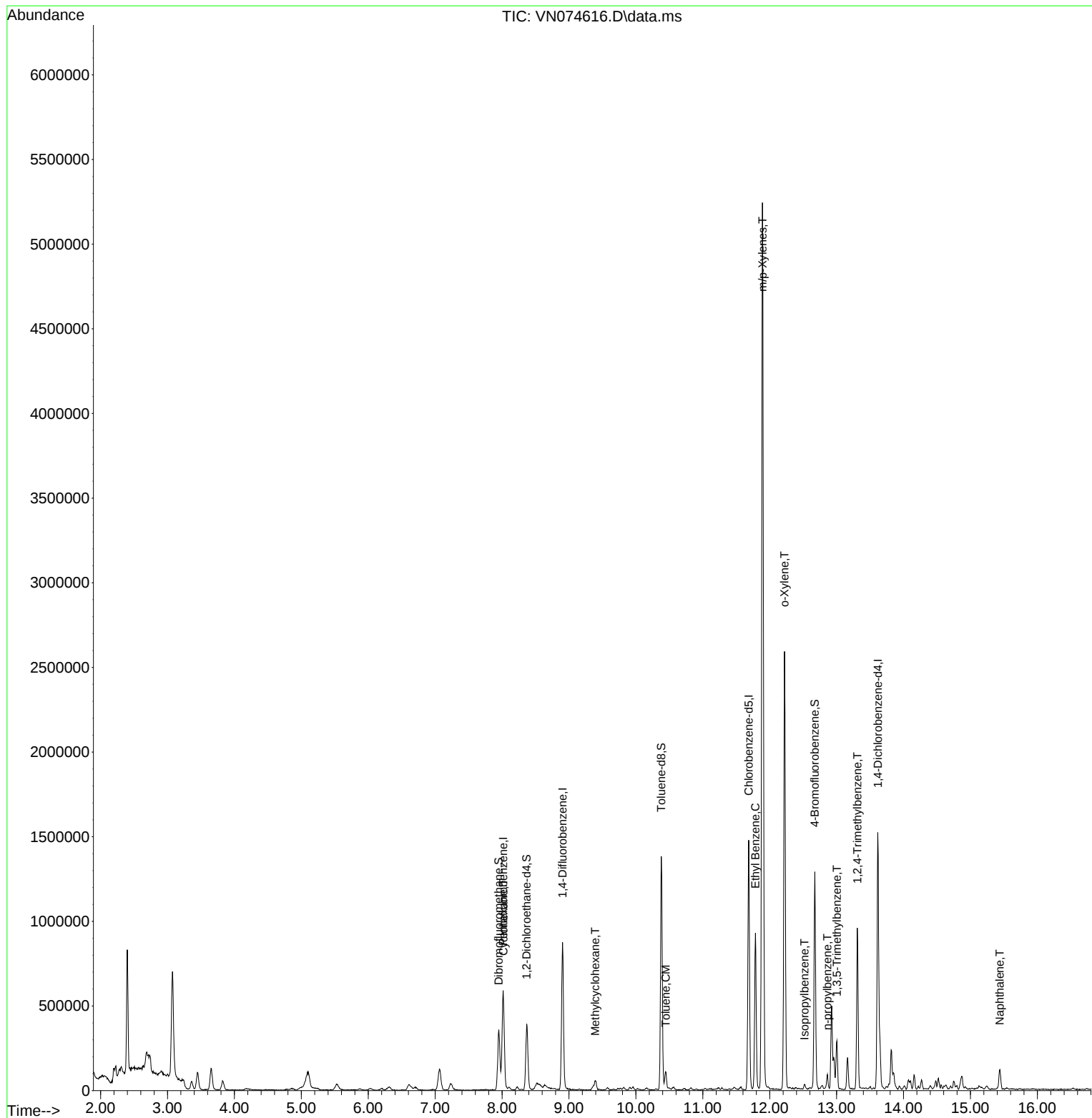
Target Compounds					Qvalue	
31) Cyclohexane	8.022	56	42300	3.999	ug/l	# 91
39) Methylcyclohexane	9.392	83	21940	2.277	ug/l	88
52) Toluene	10.445	92	46478	3.163	ug/l	85
67) Ethyl Benzene	11.786	91	635948	19.052	ug/l	100
68) m/p-Xylenes	11.892	106	1526712	123.706	ug/l	96
69) o-Xylene	12.221	106	632243	50.245	ug/l	96
73) Isopropylbenzene	12.521	105	17476	0.496	ug/l	99
78) n-propylbenzene	12.863	91	60676	1.447	ug/l	92
80) 1,3,5-Trimethylbenzene	13.004	105	128596	4.480	ug/l	100
84) 1,2,4-Trimethylbenzene	13.310	105	477527	16.533	ug/l	99
95) Naphthalene	15.439	128	94748	4.706	ug/l	97

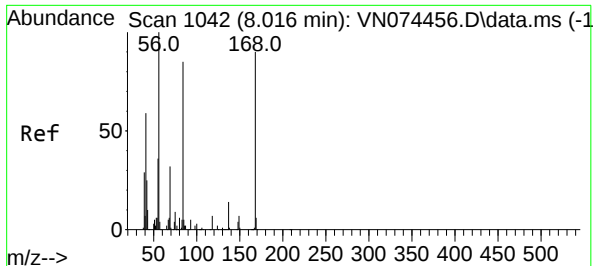
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

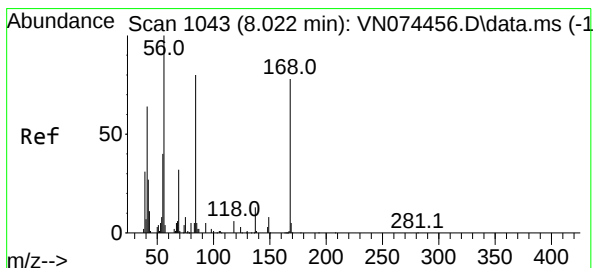
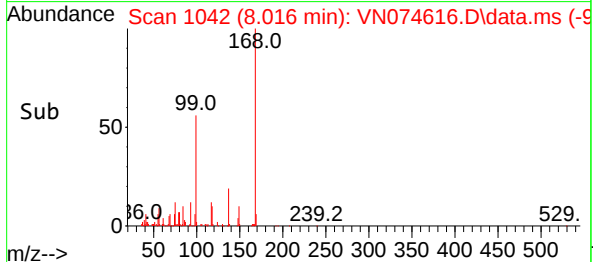
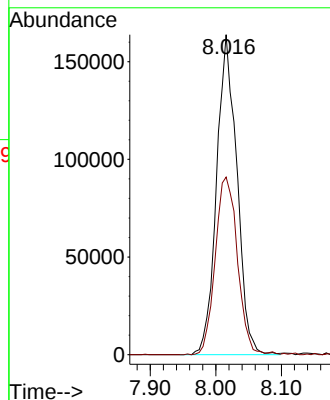
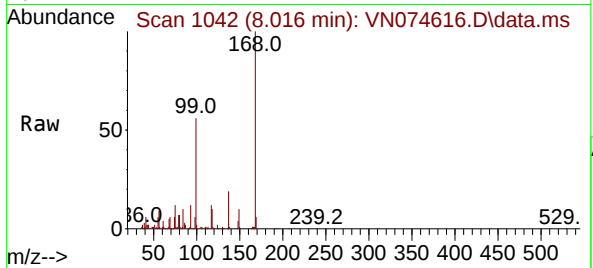




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074616.D
Acq: 21 Sep 2022 16:15

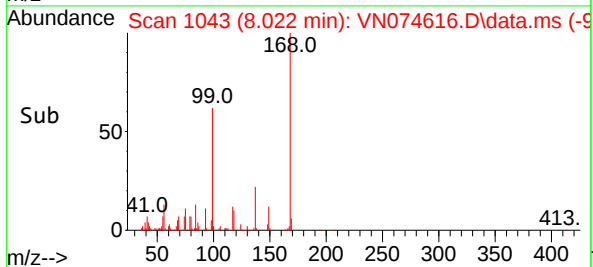
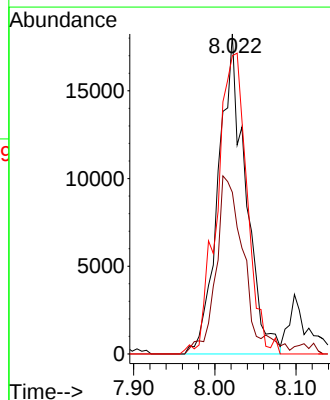
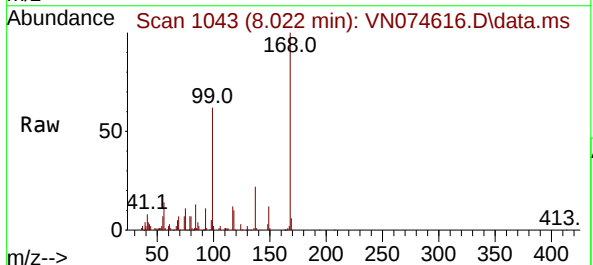
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

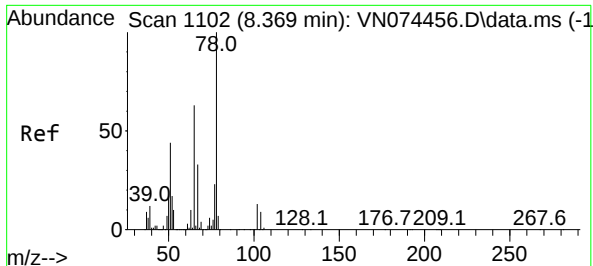
Tgt Ion:168 Resp: 351261
Ion Ratio Lower Upper
168 100
99 55.5 42.3 63.5



#31
Cyclohexane
Concen: 3.999 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074616.D
Acq: 21 Sep 2022 16:15

Tgt Ion: 56 Resp: 42300
Ion Ratio Lower Upper
56 100
69 50.5 27.8 41.8#
84 93.2 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 49.456 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074616.D

Acq: 21 Sep 2022 16:15

Instrument :

MSVOA_N

ClientSampleId :

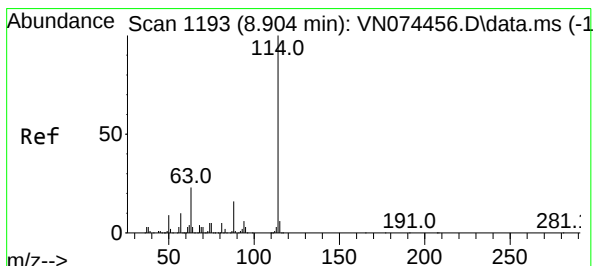
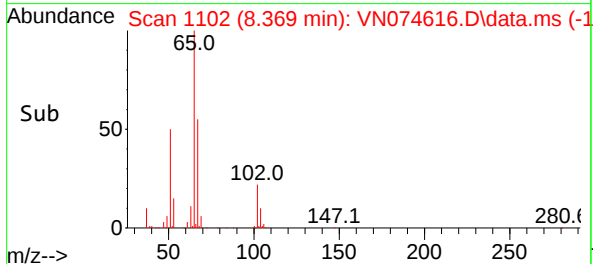
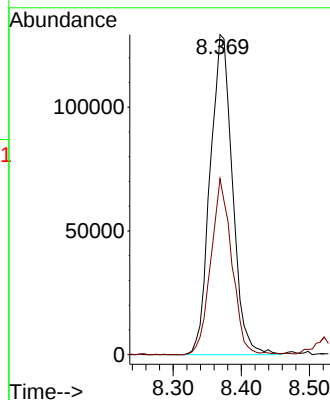
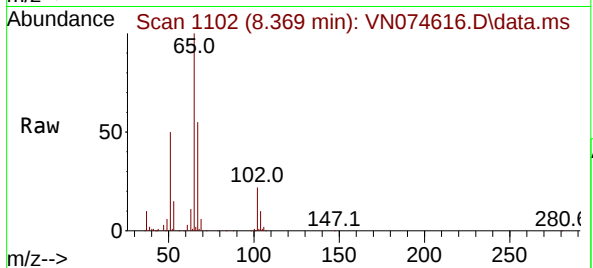
MW-1DL

Tgt Ion: 65 Resp: 294759

Ion Ratio Lower Upper

65 100

67 51.9 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: VN074616.D

Acq: 21 Sep 2022 16:15

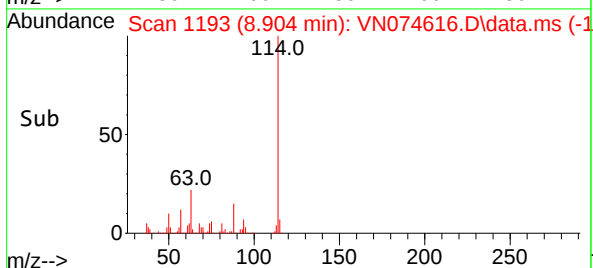
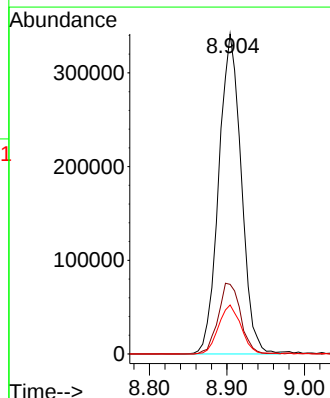
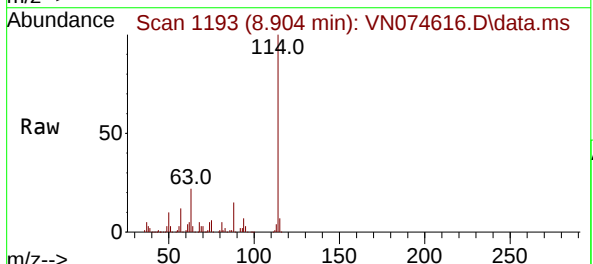
Tgt Ion: 114 Resp: 689189

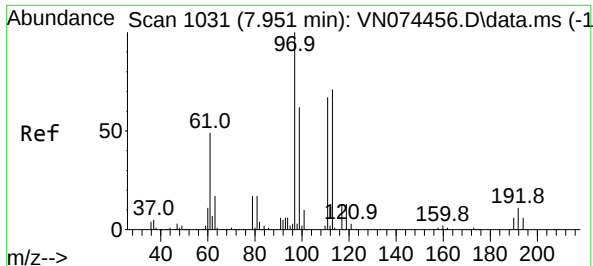
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.751 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074616.D

Acq: 21 Sep 2022 16:15

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

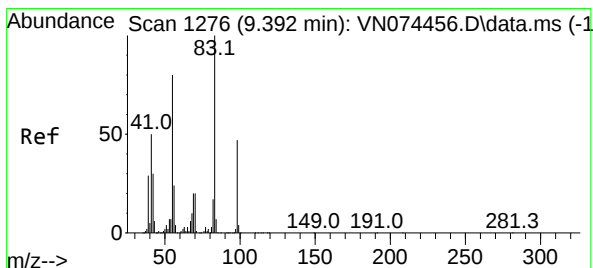
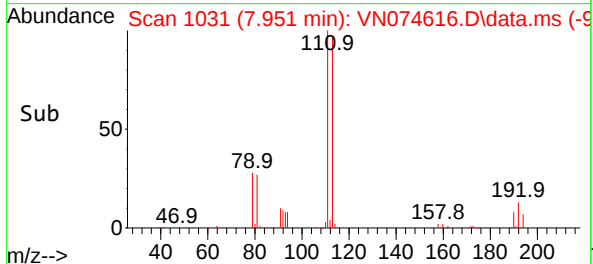
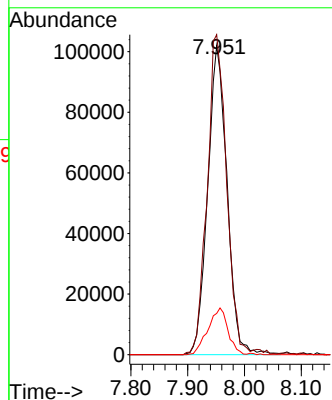
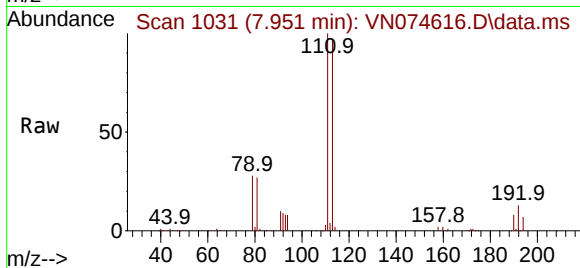
Tgt Ion:113 Resp: 241504

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 15.5 17.0 25.6#



#39

Methylcyclohexane

Concen: 2.277 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN074616.D

Acq: 21 Sep 2022 16:15

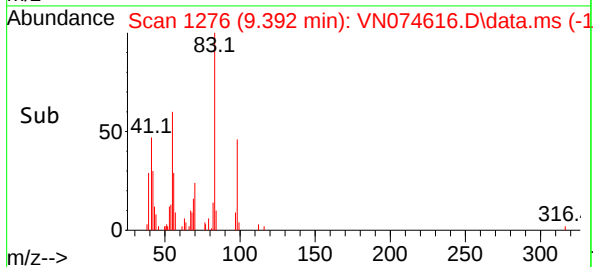
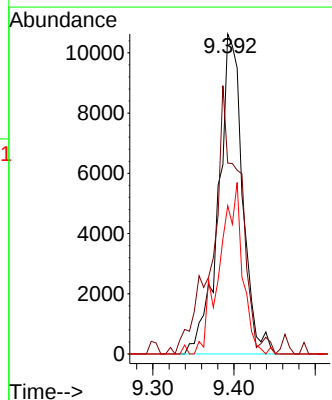
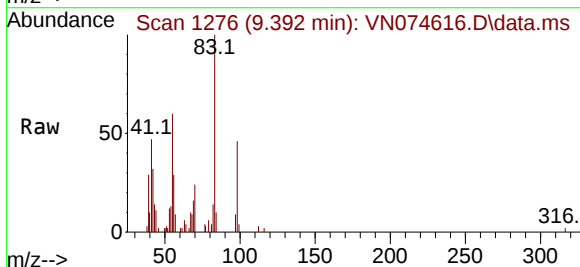
Tgt Ion: 83 Resp: 21940

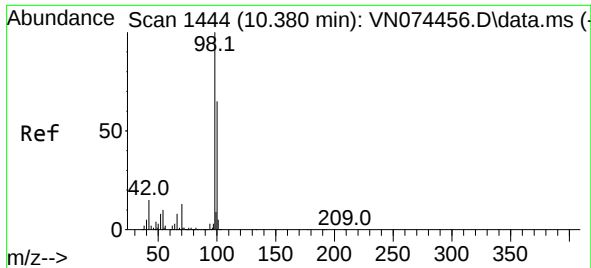
Ion Ratio Lower Upper

83 100

55 58.1 57.8 86.8

98 46.3 39.4 59.2

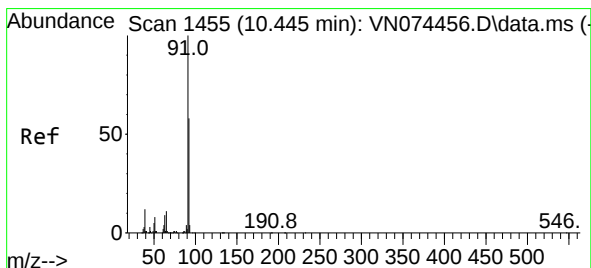
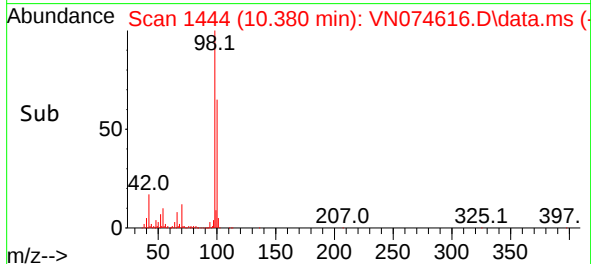
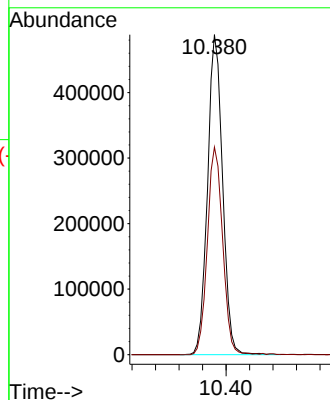
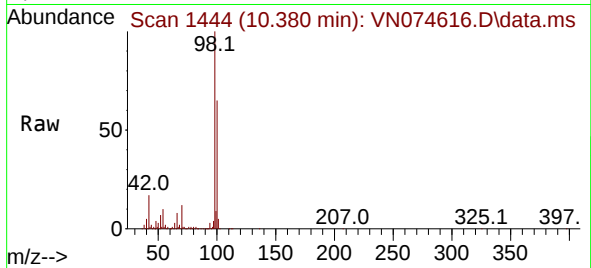




#50
Toluene-d8
Concen: 48.842 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074616.D
Acq: 21 Sep 2022 16:15

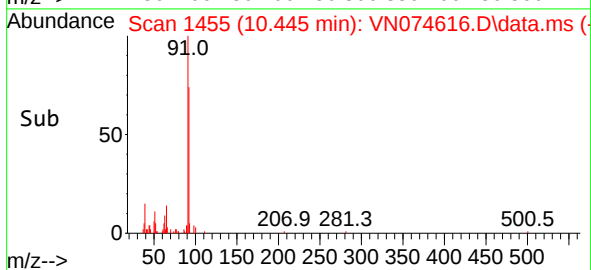
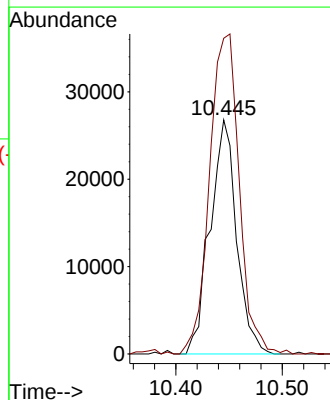
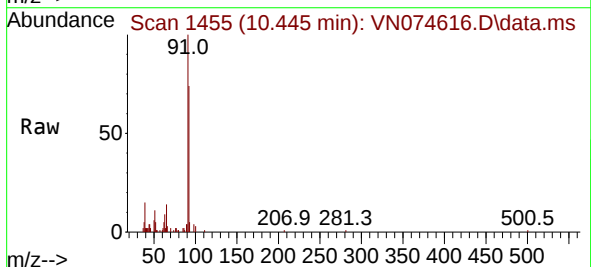
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

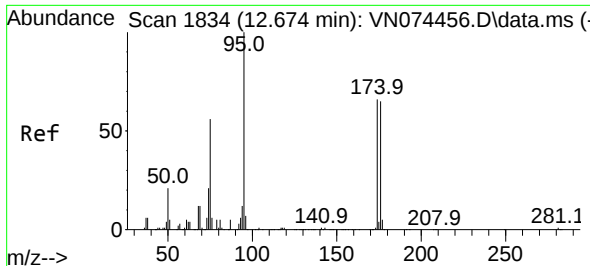
Tgt Ion: 98 Resp: 864774
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#52
Toluene
Concen: 3.163 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074616.D
Acq: 21 Sep 2022 16:15

Tgt Ion: 92 Resp: 46478
Ion Ratio Lower Upper
92 100
91 152.5 138.6 207.8

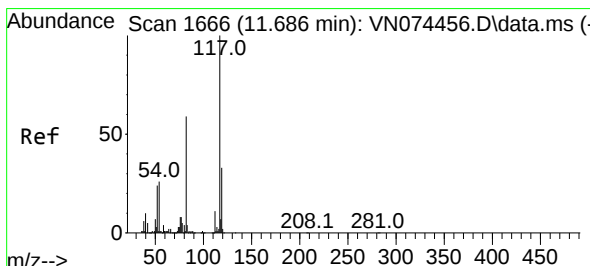
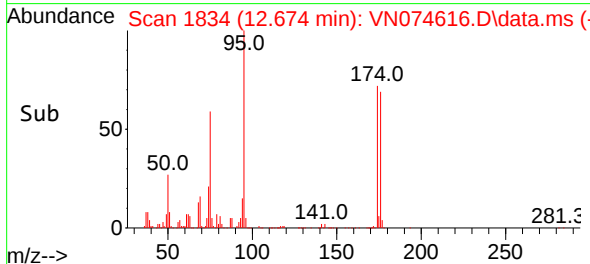
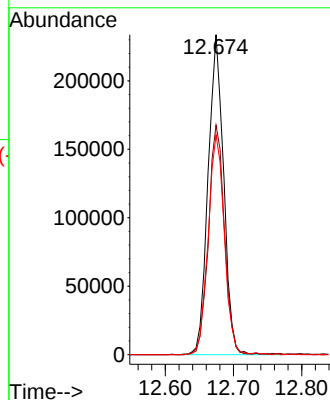
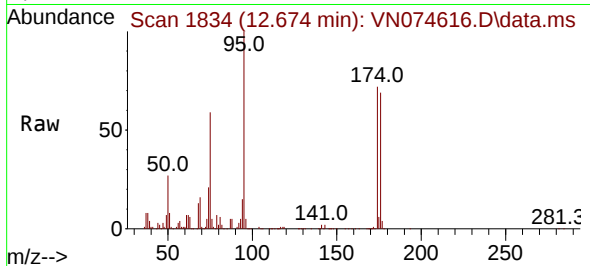




#62
4-Bromofluorobenzene
Concen: 61.029 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074616.D
Acq: 21 Sep 2022 16:15

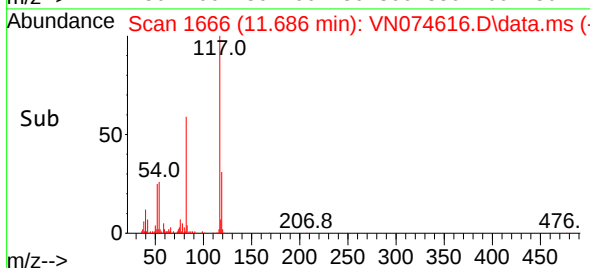
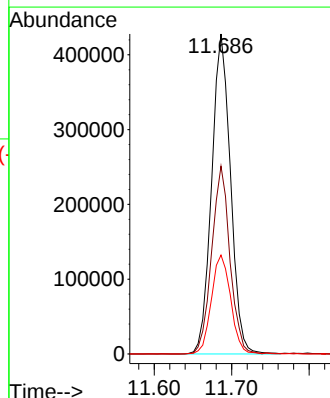
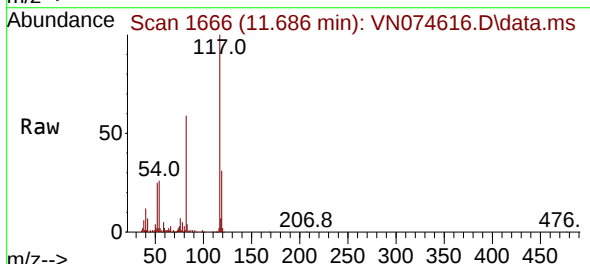
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MSVOA_N
ClientSampleId :
MW-1DL

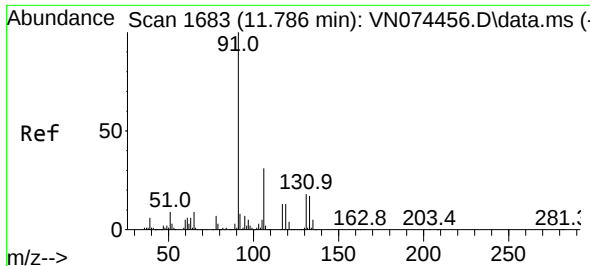
Tgt Ion: 95 Resp: 370084
Ion Ratio Lower Upper
95 100
174 73.6 0.0 167.6
176 71.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074616.D
Acq: 21 Sep 2022 16:15

Tgt Ion: 117 Resp: 724204
Ion Ratio Lower Upper
117 100
82 58.7 44.2 66.2
119 30.9 25.4 38.0

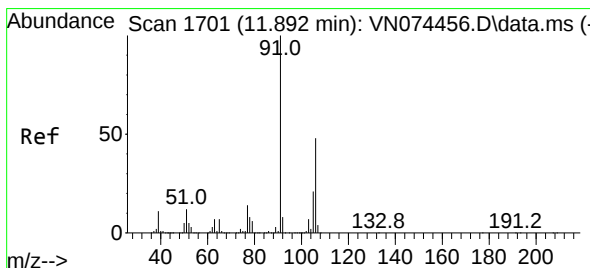
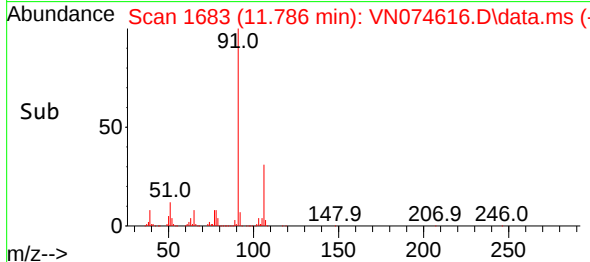
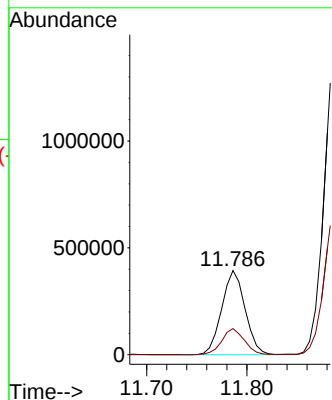
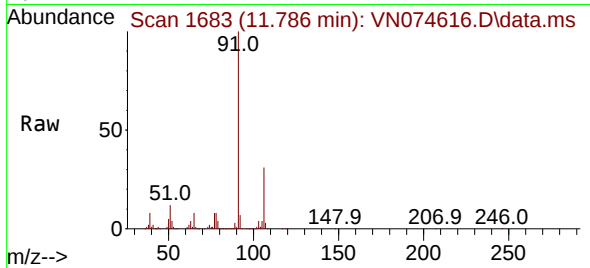




#67
Ethyl Benzene
Concen: 19.052 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074616.D
Acq: 21 Sep 2022 16:15

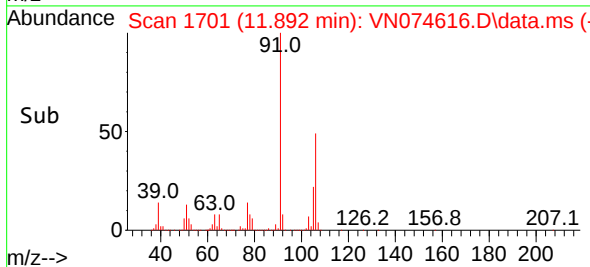
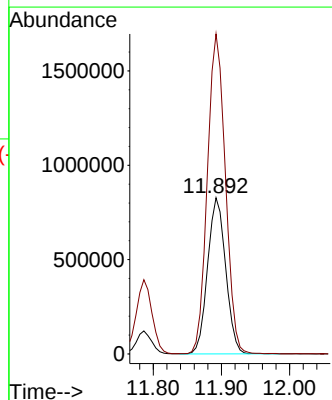
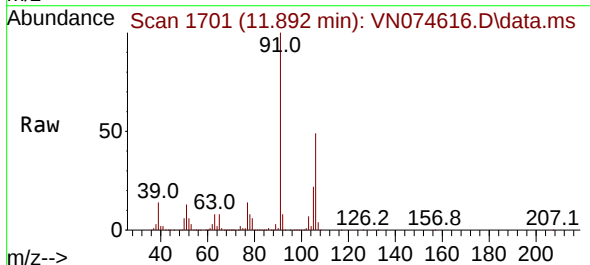
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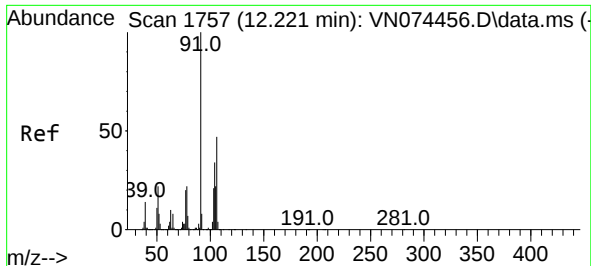
Tgt Ion: 91 Resp: 635948
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 123.706 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN074616.D
Acq: 21 Sep 2022 16:15

Tgt Ion:106 Resp: 1526712
Ion Ratio Lower Upper
106 100
91 203.9 158.9 238.3

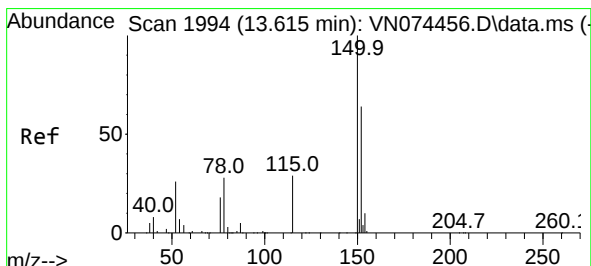
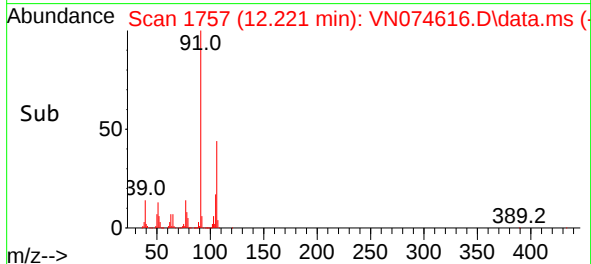
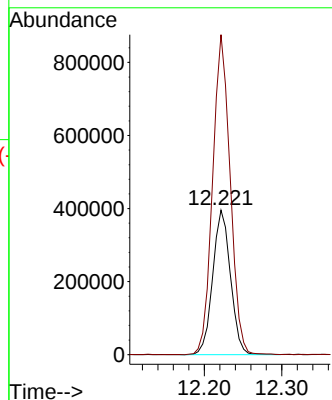
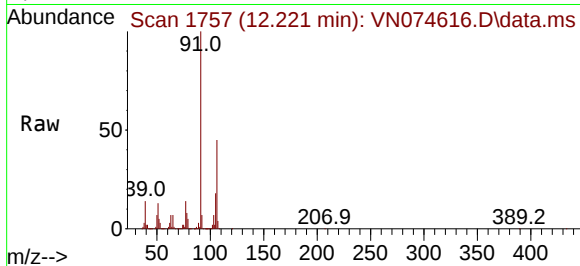




#69
o-Xylene
Concen: 50.245 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074616.D
Acq: 21 Sep 2022 16:15

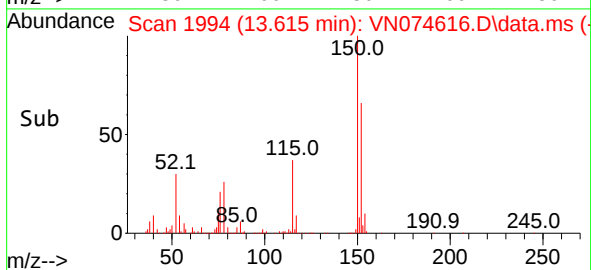
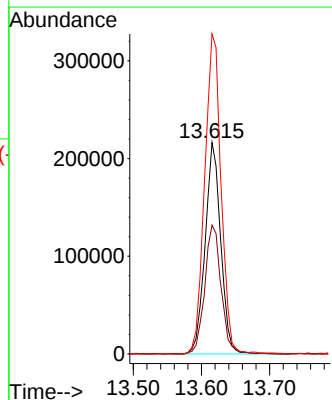
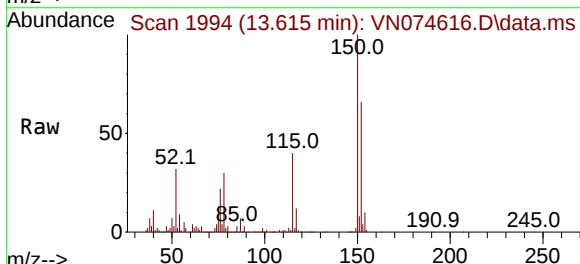
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

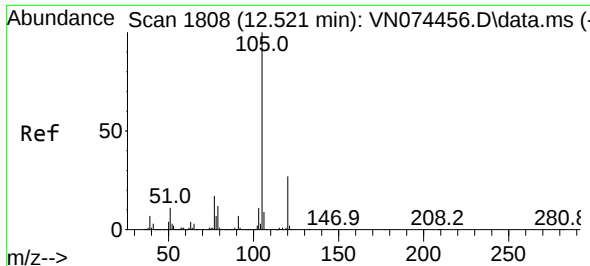
Tgt Ion:106 Resp: 632243
Ion Ratio Lower Upper
106 100
91 218.8 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074616.D
Acq: 21 Sep 2022 16:15

Tgt Ion:152 Resp: 343865
Ion Ratio Lower Upper
152 100
115 64.1 28.9 86.7
150 159.1 0.0 356.2

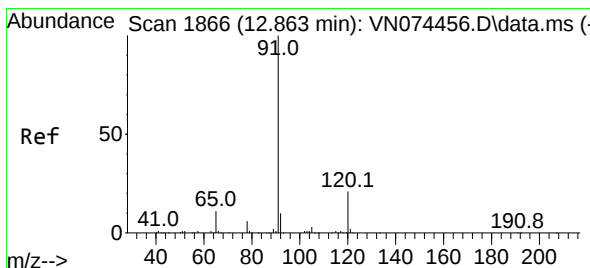
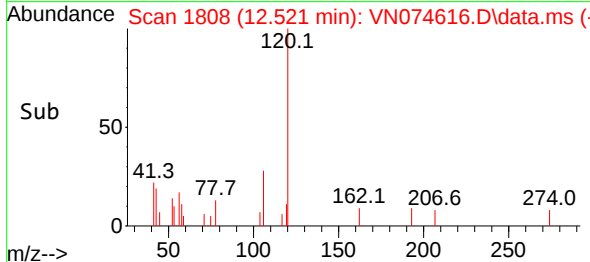
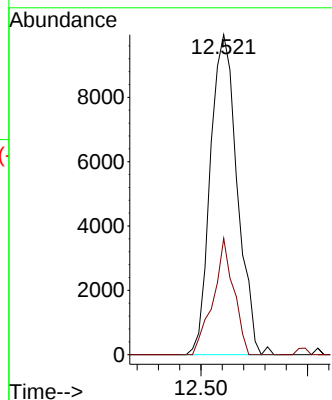
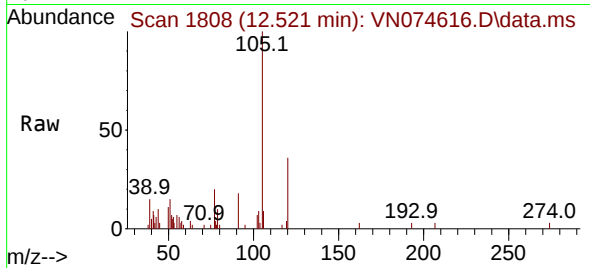




#73
Isopropylbenzene
Concen: 0.496 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074616.D
Acq: 21 Sep 2022 16:15

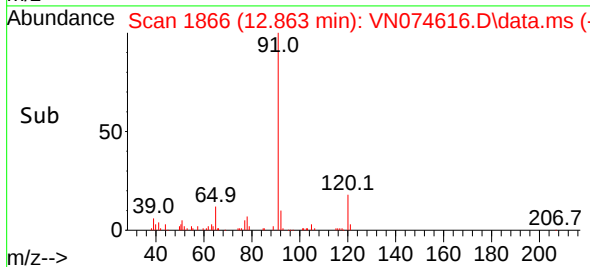
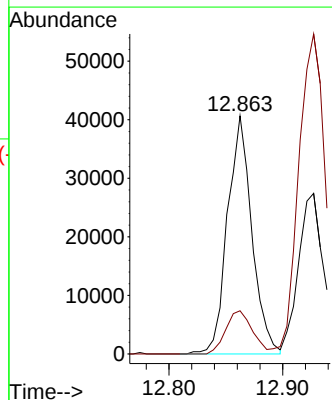
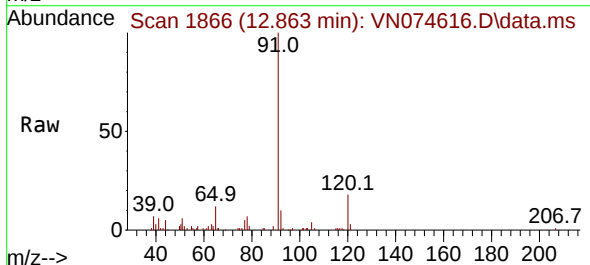
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

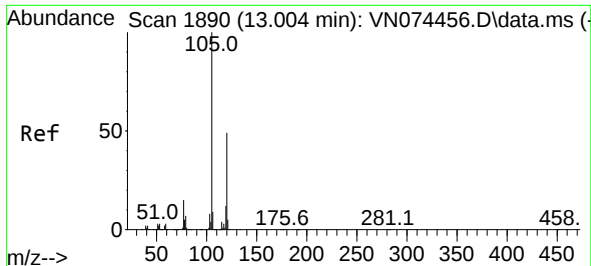
Tgt Ion:105 Resp: 17476
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.4



#78
n-propylbenzene
Concen: 1.447 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074616.D
Acq: 21 Sep 2022 16:15

Tgt Ion: 91 Resp: 60676
Ion Ratio Lower Upper
91 100
120 19.7 11.9 35.5

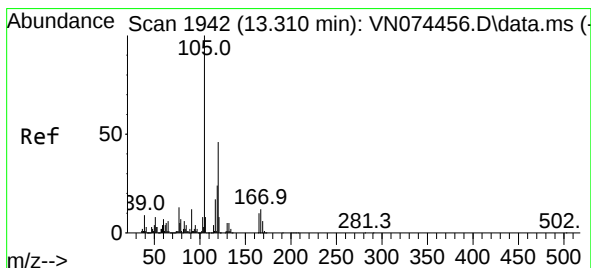
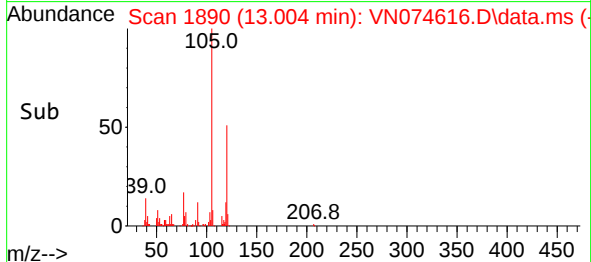
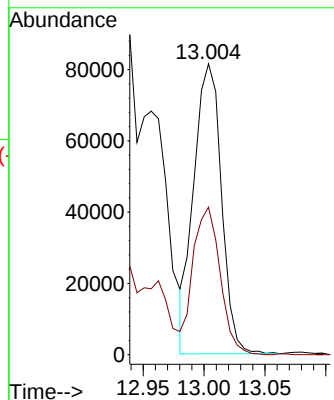
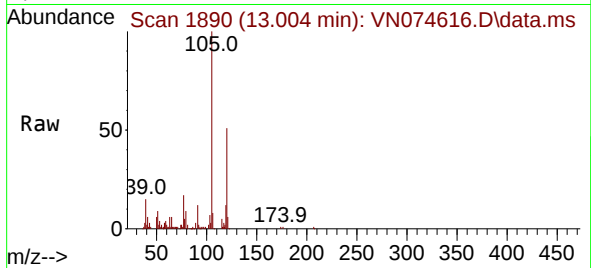




#80
 1,3,5-Trimethylbenzene
 Concen: 4.480 ug/l
 RT: 13.004 min Scan# 1890
 Delta R.T. -0.000 min
 Lab File: VN074616.D
 Acq: 21 Sep 2022 16:15

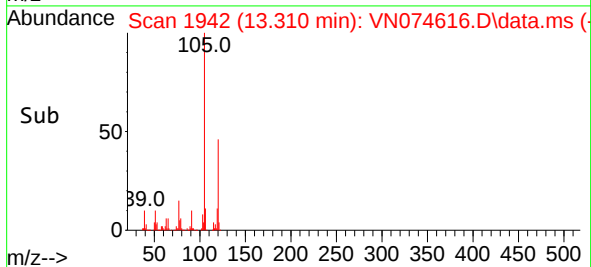
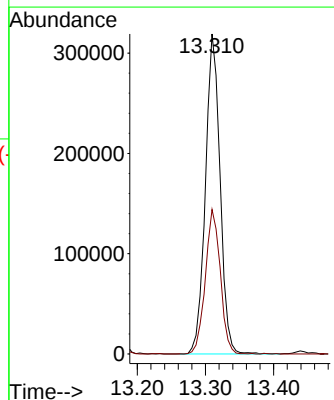
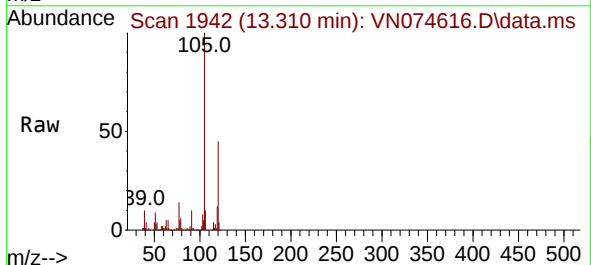
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

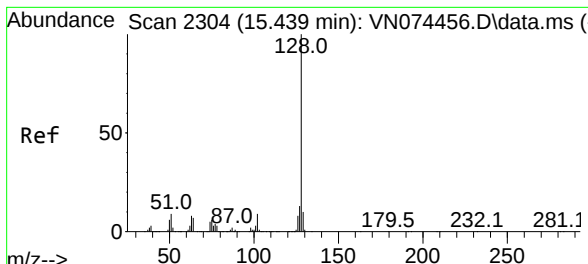
Tgt Ion:105 Resp: 128596
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 16.533 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.000 min
 Lab File: VN074616.D
 Acq: 21 Sep 2022 16:15

Tgt Ion:105 Resp: 477527
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.8





#95
 Naphthalene
 Concen: 4.706 ug/l
 RT: 15.439 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN074616.D
 Acq: 21 Sep 2022 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Tgt Ion:	128	Resp:	94748
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.3	15.5
129	12.0	8.6	13.0

